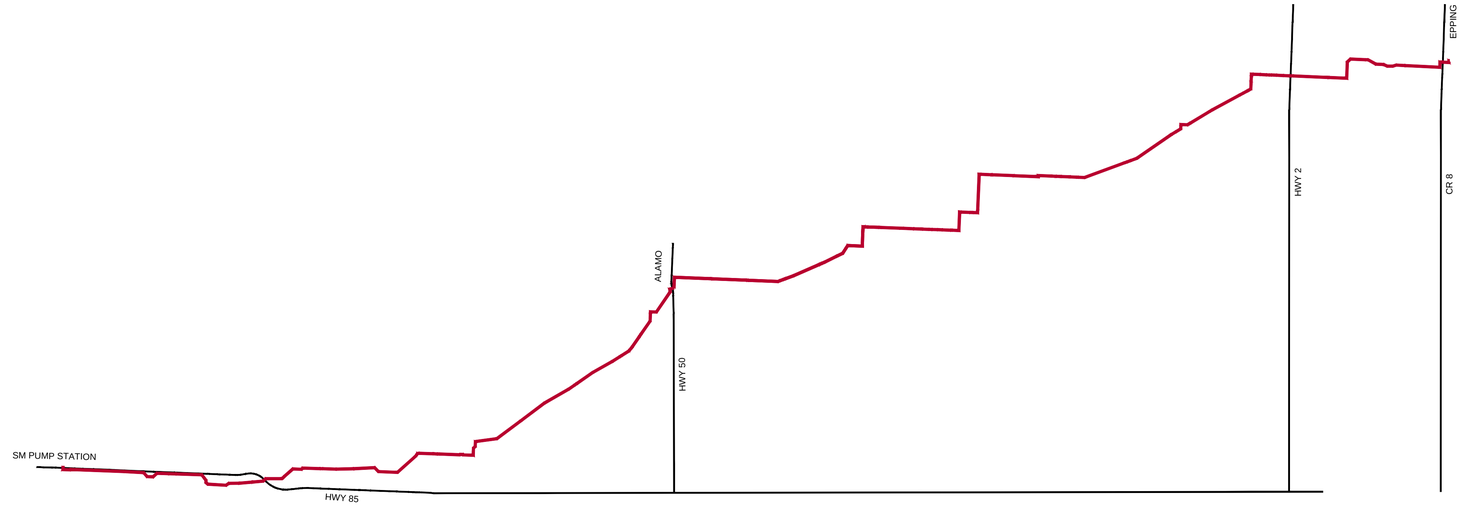
SM LATERAL

SM PUMP STATION TO EPPING
8" PETROLEUM PIPELINE

INDEX OF DRAWINGS
COVER SHEET C1
INDEX MAP C2
8" AS-BUILT SHEET 101 – 171
8" AS-BUILT DATA SHEET 172-249



N

VICINITY MAP

N.T.S.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

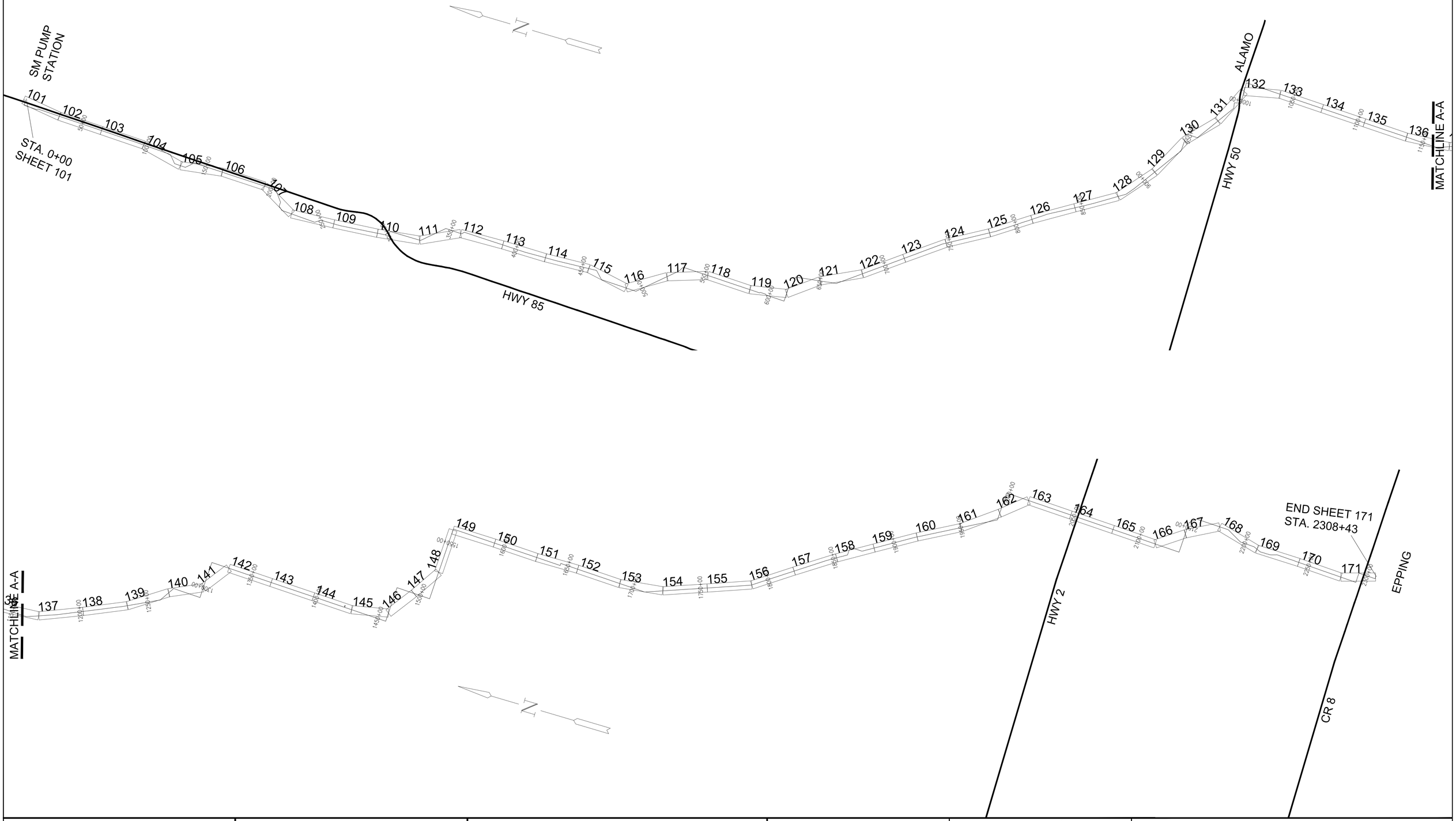
PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT COVER SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/5/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: N.T.S.	DWG. No.: C1	SHEET No. 1 OF 2

1



SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT INDEX MAP

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/5/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: N.T.S.	DWG. No.: C2	SHEET No. 2 OF 2

1

OWNERSHIP

0+00 – 3+11	3+11 – 22+11	22+11 – 32+50
01000022180000 TOMLINSON, TIM & MAUREEN 401 DAKOTA AVE N SAWYER ND 58781 310.97 FT 18.85 RODS	01000022270000 WESTLIE, ROBERT & KATHRYN 7501 BROOKLYN BISMARCK ND 58503 1900.11 FT 115.16 RODS	01000022260000 RUDE ORDEAN FAMILY TRUST 1815 15TH AVE W WILLISTON ND 58801 1038.92 FT 62.96 RODS

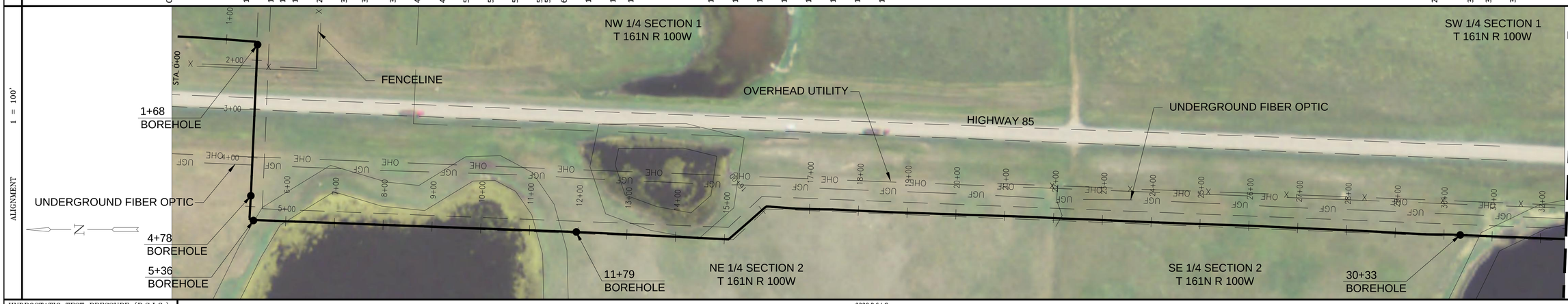
STATIONING

0+00 BEGIN STA.
1+58 P.I. < 13°12'57" RT.
1+63 P.I. < 60°43'18" RT.
1+68 BOREHOLE
1+68 P.I. < 14°01'09" RT.
2+78 EDGE OF ASPHALT
3+02 EDGE OF GRAVEL
3+92 TEST STATION
3+98 OVERHEAD ELECTRIC
4+15 UNDERGROUND FIBER OPTIC
4+78 BOREHOLE
5+21 P.I. < 7°07'49" LT.
5+25 P.I. < 61°00'31" LT.
5+30 P.I. < 21°10'24" LT.
5+36 EDGE OF WATER
5+36 BOREHOLE
6+01 EDGE OF WATER
11+14 EDGE OF WATER
11+67 EDGE OF WATER
11+79 BOREHOLE
14+28 EDGE OF WATER
14+49 EDGE OF WATER
15+05 P.I. < 4°28'51" LT.
15+08 P.I. < 34°40'13" LT.
15+12 P.I. < 5°20'37" LT.
16+08 P.I. < 8°08'23" RT.
16+11 P.I. < 33°28'47" RT.
16+14 P.I. < 3°48'13" RT.
29+63 P.I. < 2°03'42" LT.
30+33 BOREHOLE
30+74 EDGE OF WATER
31+73 EDGE OF WATER

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



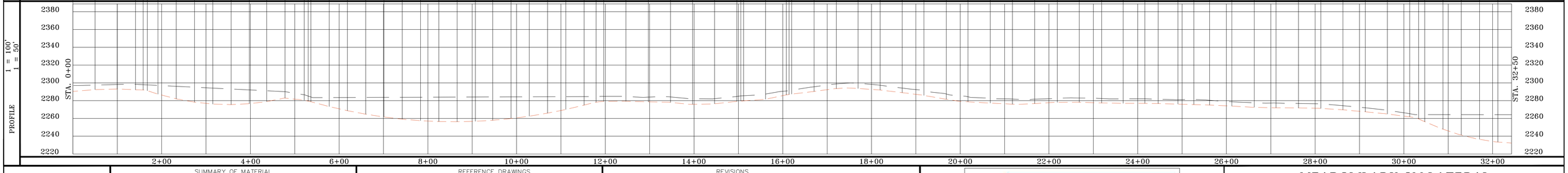
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 0+00, ELEV. 2290.40', XR#SM283, JOINT# 257
STA. 0+50, ELEV. 2292.40', XR#SM284, JOINT# 256
STA. 1+00, ELEV. 2293.10', XR#SMT724, JOINT# 255
STA. 1+41, ELEV. 2292.30', XR#SMB52, JOINT# 258BR
STA. 1+58, ELEV. 2292.00', XR#SMT726, JOINT# 259BRA
STA. 1+68, ELEV. 2291.20', XR#SMT725, JOINT# F70
STA. 1+92, ELEV. 2287.41', XR#SMB50, JOINT# 259BR
STA. 2+33, ELEV. 2282.12', XR#SMB48, JOINT# 260BR
STA. 2+74, ELEV. 2278.39', XR#SMB116, JOINT# 261BR
STA. 3+15, ELEV. 2276.21', XR#SMB54, JOINT# 262BR
STA. 3+56, ELEV. 2275.60', XR#SMB53, JOINT# 263BR
STA. 3+98, ELEV. 2276.55', XR#SMB51, JOINT# 264BR
STA. 4+37, ELEV. 2278.90', XR#SMB49, JOINT# 265BR
STA. 4+78, ELEV. 2282.90', XR#SMT 13, JOINT# 266BR
STA. 5+21, ELEV. 2280.60', XR#SMT 14, JOINT# 267
STA. 5+30, ELEV. 2279.70', XR#SMT 15, JOINT# F-3
STA. 5+36, ELEV. 2279.00', XR#SMT16, JOINT# 291B
STA. 5+78, ELEV. 2273.61', XR#SMB67, JOINT# 268BR
STA. 6+19, ELEV. 2268.94', XR#SMB71, JOINT# 269BR
STA. 6+60, ELEV. 2265.01', XR#SMB75, JOINT# 270BR
STA. 7+01, ELEV. 2261.80', XR#SMB79, JOINT# 271BR
STA. 7+42, ELEV. 2259.33', XR#SMB83, JOINT# 272BR
STA. 7+84, ELEV. 2257.58', XR#SMB87, JOINT# 273BR
STA. 8+25, ELEV. 2256.57', XR#SMB107, JOINT# 274BR
STA. 8+66, ELEV. 2256.29', XR#SMB110, JOINT# 282BR
STA. 9+07, ELEV. 2256.75', XR#SMB68, JOINT# 275BR
STA. 9+46, ELEV. 2257.86', XR#SMB72, JOINT# 276BR
STA. 9+87, ELEV. 2259.74', XR#SMB76, JOINT# 277BR
STA. 10+29, ELEV. 2262.35', XR#SMB80, JOINT# 278BR
STA. 10+70, ELEV. 2265.69', XR#SMB84, JOINT# 279BR
STA. 11+11, ELEV. 2269.77', XR#SMB88, JOINT# 280BR
STA. 11+52, ELEV. 2274.57', XR#SMB108, JOINT# 281BR
STA. 11+79, ELEV. 2278.10', XR#SMB144, JOINT# 283BR
STA. 11+96, ELEV. 2279.20', XR#SMB143, JOINT# 284BR
STA. 12+46, ELEV. 2279.40', XR#SM221, JOINT# 285
STA. 12+97, ELEV. 2278.70', XR#SM223, JOINT# 286
STA. 13+47, ELEV. 2278.30', XR#SM225, JOINT# 287
STA. 13+97, ELEV. 2275.90', XR#SM227, JOINT# 288
STA. 14+46, ELEV. 2276.30', XR#SM229, JOINT# 289
STA. 14+96, ELEV. 2279.00', XR#SMB150, JOINT# 290
STA. 15+05, ELEV. 2279.50', XR#SMB148, JOINT# 291
STA. 15+12, ELEV. 2279.70', XR#SMB149, JOINT# F1
STA. 15+61, ELEV. 2281.30', XR#SMB142, JOINT# 292
STA. 16+08, ELEV. 2286.10', XR#SMB151, JOINT# 293
STA. 16+14, ELEV. 2286.70', XR#SMB152, JOINT# F2
STA. 16+20, ELEV. 2287.20', XR#SMB153, JOINT# 291A
STA. 16+70, ELEV. 2290.10', XR#SM231, JOINT# 294
STA. 17+21, ELEV. 2293.40', XR#SM233, JOINT# 295
STA. 17+70, ELEV. 2293.80', XR#SM235, JOINT# 296
STA. 18+19, ELEV. 2292.20', XR#SM237, JOINT# 297
STA. 18+69, ELEV. 2289.30', XR#SM239, JOINT# 298
STA. 19+18, ELEV. 2286.30', XR#SM240, JOINT# 299
STA. 19+69, ELEV. 2281.90', XR#SM242, JOINT# 300
STA. 20+17, ELEV. 2278.80', XR#SM244, JOINT# 301
STA. 20+68, ELEV. 2277.40', XR#SM246, JOINT# 302
STA. 21+18, ELEV. 2276.20', XR#SM248, JOINT# 303
STA. 21+68, ELEV. 2276.60', XR#SMT8, JOINT# 304
STA. 22+19, ELEV. 2278.10', XR#SM250, JOINT# 305
STA. 22+68, ELEV. 2278.30', XR#SM252, JOINT# 306
STA. 23+19, ELEV. 2277.50', XR#SMT9, JOINT# 307
STA. 23+67, ELEV. 2277.00', XR#SM254, JOINT# 308
STA. 24+16, ELEV. 2277.00', XR#SM257, JOINT# 309
STA. 24+46, ELEV. 2276.80', XR#SM259, JOINT# 310
STA. 24+91, ELEV. 2276.20', XR#SM261, JOINT# 311
STA. 25+26, ELEV. 2275.70', XR#SM263, JOINT# 312
STA. 25+62, ELEV. 2275.20', XR#SM265, JOINT# 313
STA. 26+12, ELEV. 2274.00', XR#SM267, JOINT# 314
STA. 26+63, ELEV. 2272.60', XR#SM269, JOINT# 315
STA. 27+12, ELEV. 2272.00', XR#SM271, JOINT# 316
STA. 27+62, ELEV. 2271.90', XR#SM273, JOINT# 317
STA. 28+13, ELEV. 2271.40', XR#SM275, JOINT# 318
STA. 28+63, ELEV. 2269.90', XR#SM277, JOINT# 319
STA. 29+13, ELEV. 2267.70', XR#SM279, JOINT# 320
STA. 29+63, ELEV. 2265.30', XR#SM281, JOINT# 321
STA. 30+13, ELEV. 2262.10', XR#SMT19, JOINT# 322
STA. 30+33, ELEV. 2260.80', XR#SMT18, JOINT# 291B
STA. 30+47, ELEV. 2257.57', XR#SMB63, JOINT# 324BR
STA. 30+86, ELEV. 2249.02', XR#SMB62, JOINT# 325BR
STA. 31+29, ELEV. 2242.20', XR#SMB61, JOINT# 326BR
STA. 31+71, ELEV. 2237.12', XR#SMB60, JOINT# 327BR
STA. 32+12, ELEV. 2233.80', XR#SMB59, JOINT# 328BR

PROFILE 1 = 100' / 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,080 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	1,170 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 101	SHEET No. 1 OF 149 (1)

OWNERSHIP

32+50 — 010000222600000 — RUDE ORDEAN FAMILY TRUST — 1815 15TH AVE W — WILLISTON ND 58801 — 1619.97 FT — 98.18 RODS — 48+70

48+70 — 010000227100000 — WESTLIE, ROBERT & KATHRYN — 7501 BROOKLYN — BISMARCK ND 58503 — 1630.03 FT — 98.79 RODS — 65+00

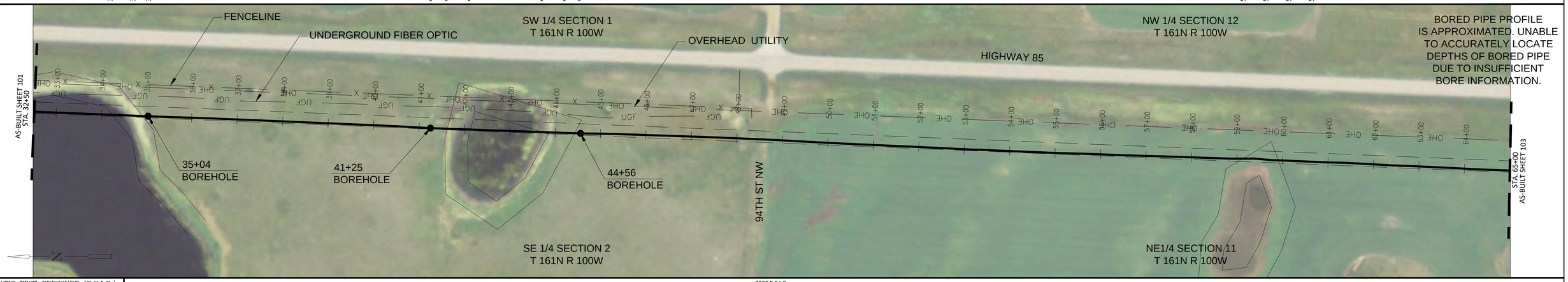
STATIONING

34+25 EDGE OF WATER
34+92 EDGE OF WATER
35+04 BOREHOLE
41+25 BOREHOLE
41+62 EDGE OF WATER
42+14 EDGE OF WATER
43+72 EDGE OF WATER
44+43 EDGE OF WATER
44+56 BOREHOLE
59+13 EDGE OF WATER
59+39 P.I. < 4°58'49" RT.
59+79 P.I. < 3°54'06" LT.
59+91 EDGE OF WATER

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



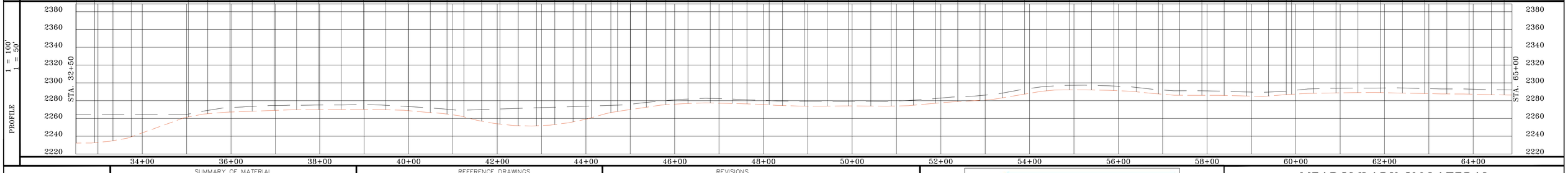
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 32+52, ELEV. 2232.26', XR#SMB58, JOINT# 329BR
STA. 32+93, ELEV. 2232.40', XR#SMB57, JOINT# 330BR
STA. 33+34, ELEV. 2234.30', XR#SMB56, JOINT# 331BR
STA. 33+75, ELEV. 2237.97', XR#SMB55, JOINT# 332BR
STA. 35+04, ELEV. 2260.70', XR#SMT22, JOINT# 333BR
STA. 35+48, ELEV. 2264.90', XR#SMT23, JOINT# 336
STA. 35+98, ELEV. 2267.00', XR#SM285, JOINT# 337
STA. 36+48, ELEV. 2267.90', XR#SM287, JOINT# 338
STA. 36+98, ELEV. 2268.90', XR#SM289, JOINT# 112
STA. 37+48, ELEV. 2269.70', XR#SM291, JOINT# 339
STA. 37+98, ELEV. 2269.70', XR#SM293, JOINT# 340
STA. 38+48, ELEV. 2270.10', XR#SM295, JOINT# 341
STA. 38+99, ELEV. 2270.30', XR#SM297, JOINT# 342
STA. 39+49, ELEV. 2269.90', XR#SM299, JOINT# 343
STA. 39+99, ELEV. 2269.20', XR#SM301, JOINT# 344
STA. 40+49, ELEV. 2267.00', XR#SM303, JOINT# 345
STA. 40+87, ELEV. 2265.60', XR#SMT29, JOINT# 346
STA. 41+25, ELEV. 2263.00', XR#SMT30, JOINT# 347
STA. 41+65, ELEV. 2257.89', XR#SMB47, JOINT# 348BR
STA. 42+06, ELEV. 2254.18', XR#SMB46, JOINT# 349BR
STA. 42+48, ELEV. 2252.05', XR#SMB45, JOINT# 350BR
STA. 42+89, ELEV. 2251.49', XR#SMB44, JOINT# 351BR
STA. 43+30, ELEV. 2252.50', XR#SMB43, JOINT# 352BR
STA. 43+71, ELEV. 2255.09', XR#SMB42, JOINT# 353BR
STA. 44+12, ELEV. 2259.26', XR#SMB41, JOINT# 354BR
STA. 44+56, ELEV. 2265.40', XR#SMT50, JOINT# 355
STA. 44+71, ELEV. 2267.00', XR#SMT49, JOINT# 356
STA. 45+00, ELEV. 2269.20', XR#SM317, JOINT# 357
STA. 45+36, ELEV. 2271.70', XR#SM316, JOINT# 358
STA. 45+80, ELEV. 2275.00', XR#SM315, JOINT# 359
STA. 46+30, ELEV. 2276.60', XR#SM314, JOINT# 360
STA. 46+80, ELEV. 2277.50', XR#SM313, JOINT# 361
STA. 47+30, ELEV. 2277.00', XR#SM312, JOINT# 362
STA. 47+63, ELEV. 2276.60', XR#SM311, JOINT# 363
STA. 48+13, ELEV. 2275.70', XR#SM35, JOINT# 364
STA. 48+43, ELEV. 2274.70', XR#SM328, JOINT# 110A
STA. 48+93, ELEV. 2273.90', XR#SMT33, JOINT# 365
STA. 49+44, ELEV. 2273.80', XR#SM318, JOINT# 366
STA. 49+92, ELEV. 2274.10', XR#SM319, JOINT# 367
STA. 50+42, ELEV. 2274.00', XR#SM320, JOINT# 368
STA. 50+88, ELEV. 2273.80', XR#SM321, JOINT# 369
STA. 51+38, ELEV. 2274.30', XR#SM322, JOINT# 370
STA. 51+88, ELEV. 2276.60', XR#SM323, JOINT# 371
STA. 52+38, ELEV. 2278.70', XR#SM324, JOINT# 372
STA. 52+88, ELEV. 2280.00', XR#SM325, JOINT# 373
STA. 53+39, ELEV. 2282.20', XR#SM326, JOINT# 374
STA. 53+89, ELEV. 2286.30', XR#SM327, JOINT# 375
STA. 54+39, ELEV. 2290.50', XR#SM329, JOINT# 376
STA. 54+89, ELEV. 2292.10', XR#SM330, JOINT# 377
STA. 55+40, ELEV. 2292.10', XR#SM331, JOINT# 378
STA. 55+90, ELEV. 2291.70', XR#SM332, JOINT# 379
STA. 56+40, ELEV. 2290.60', XR#SM333, JOINT# 380
STA. 56+90, ELEV. 2288.10', XR#SM334, JOINT# 381
STA. 57+38, ELEV. 2286.10', XR#SM335, JOINT# 382
STA. 57+88, ELEV. 2286.00', XR#SM336, JOINT# 383
STA. 58+39, ELEV. 2286.00', XR#SM337, JOINT# 384
STA. 58+89, ELEV. 2285.40', XR#SMT38, JOINT# 385
STA. 59+39, ELEV. 2284.70', XR#SM347, JOINT# 386
STA. 59+79, ELEV. 2286.30', XR#SMT37, JOINT# 387
STA. 59+91, ELEV. 2286.80', XR#SMT36, JOINT# 347A
STA. 60+40, ELEV. 2288.20', XR#SM338, JOINT# 388
STA. 60+91, ELEV. 2288.60', XR#SM339, JOINT# 389
STA. 61+40, ELEV. 2289.00', XR#SM340, JOINT# 390
STA. 61+91, ELEV. 2289.30', XR#SM341, JOINT# 391
STA. 62+41, ELEV. 2288.60', XR#SM342, JOINT# 392
STA. 62+91, ELEV. 2288.20', XR#SM343, JOINT# 393
STA. 63+41, ELEV. 2287.60', XR#SM344, JOINT# 394
STA. 63+91, ELEV. 2287.50', XR#SM345, JOINT# 395
STA. 64+41, ELEV. 2286.80', XR#SM346, JOINT# 396
STA. 64+91, ELEV. 2286.30', XR#SM368, JOINT# 397

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,665 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	585 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 102	SHEET No. 2 OF 149 (1)

OWNERSHIP

65+00

01000022710000
WESTLIE, ROBERT & KATHRYN
7501 BROOKLYN
BISMARCK ND 58503
1010.29 FT
61.23 RODS

75+10

01000022690000
BINDE, ARLEY ETAL
9460 132ND AVE NW
FORTUNA ND 58844
2239.71 FT
135.74 RODS

97+50

STATIONING

65+41 P.I. < 2°04'28" RT.

68+29 OVERHEAD ELECTRIC

68+42 P.I. < 2°27'13" RT.

90+43 P.I. < 2°45'48" RT.

94+44 P.I. < 2°19'27" RT.

96+56 P.I. < 3°13'16" LT.

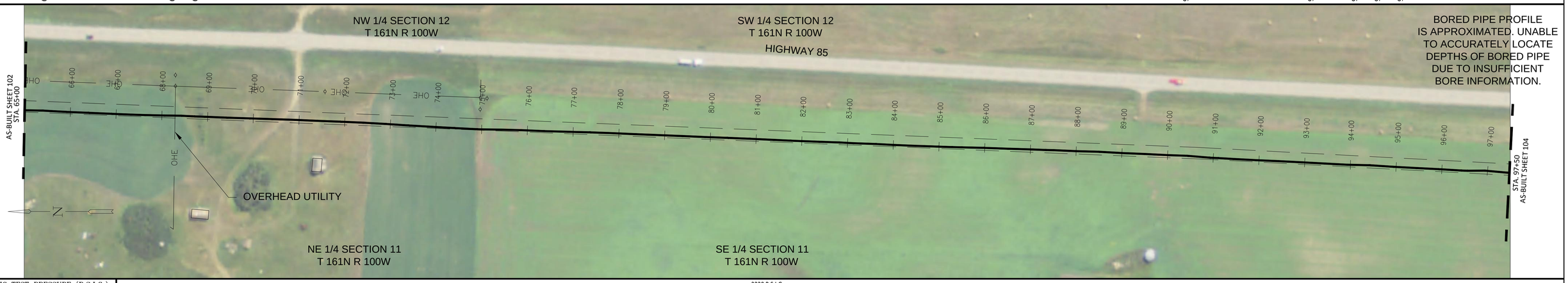
96+94 P.I. < 5°39'05" RT.

97+44 P.I. < 2°16'48" LT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



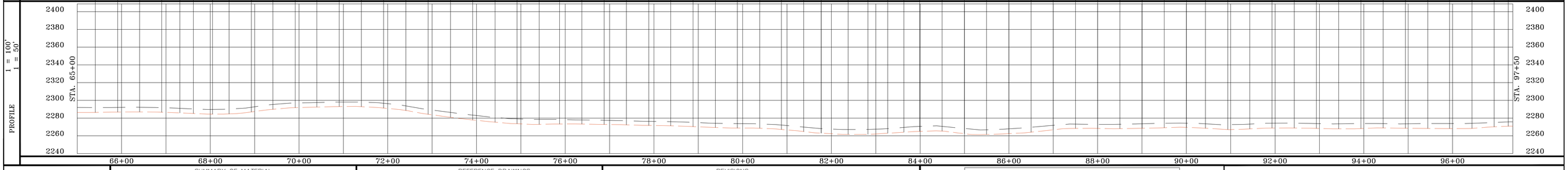
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 65+41, ELEV. 2286.30', XR#SM369, JOINT# 398
STA. 65+91, ELEV. 2286.70', XR#SM370, JOINT# 399
STA. 66+41, ELEV. 2287.00', XR#SM371, JOINT# 400
STA. 66+91, ELEV. 2286.80', XR#SM372, JOINT# 401
STA. 67+31, ELEV. 2286.10', XR#SM373, JOINT# 402
STA. 67+62, ELEV. 2285.50', XR#SM374, JOINT# 403
STA. 68+05, ELEV. 2284.50', XR#SM375, JOINT# 404
STA. 68+42, ELEV. 2284.50', XR#SM376, JOINT# 405
STA. 68+93, ELEV. 2286.10', XR#SM377, JOINT# 406
STA. 69+41, ELEV. 2289.30', XR#SM398, JOINT# 407
STA. 69+91, ELEV. 2291.60', XR#SM399, JOINT# 408
STA. 70+40, ELEV. 2292.20', XR#SM400, JOINT# 409
STA. 70+90, ELEV. 2292.90', XR#SM401, JOINT# 410
STA. 71+41, ELEV. 2293.20', XR#SM402, JOINT# 411
STA. 71+91, ELEV. 2291.90', XR#SM403, JOINT# 412
STA. 72+41, ELEV. 2289.60', XR#SM404, JOINT# 413
STA. 72+91, ELEV. 2285.20', XR#SM405, JOINT# 414
STA. 73+41, ELEV. 2281.70', XR#SM406, JOINT# 415
STA. 73+92, ELEV. 2278.60', XR#SM407, JOINT# 416
STA. 74+42, ELEV. 2276.00', XR#SM408, JOINT# 417
STA. 74+92, ELEV. 2273.80', XR#SM409, JOINT# 418
STA. 75+41, ELEV. 2272.80', XR#SM410, JOINT# 419
STA. 75+87, ELEV. 2273.30', XR#SMTNONE, JOINT# 420
STA. 76+37, ELEV. 2273.40', XR#SM411, JOINT# 421
STA. 76+88, ELEV. 2272.90', XR#SM412, JOINT# 422
STA. 77+38, ELEV. 2272.60', XR#SM413, JOINT# 423
STA. 77+88, ELEV. 2271.80', XR#SM414, JOINT# 424
STA. 78+38, ELEV. 2271.50', XR#SM415, JOINT# 425
STA. 78+88, ELEV. 2270.70', XR#SM416, JOINT# 426
STA. 79+38, ELEV. 2269.60', XR#SM417, JOINT# 427
STA. 79+88, ELEV. 2268.80', XR#SM418, JOINT# 428
STA. 80+38, ELEV. 2268.80', XR#SM419, JOINT# 429
STA. 80+87, ELEV. 2267.80', XR#SM420, JOINT# 430
STA. 81+38, ELEV. 2265.60', XR#SM421, JOINT# 431
STA. 81+77, ELEV. 2263.40', XR#SM422, JOINT# 432
STA. 82+38, ELEV. 2261.70', XR#SM423, JOINT# 433
STA. 82+82, ELEV. 2261.50', XR#SM424, JOINT# 434
STA. 83+27, ELEV. 2262.50', XR#SM442, JOINT# 435
STA. 83+63, ELEV. 2263.60', XR#SM426, JOINT# 436
STA. 83+99, ELEV. 2264.80', XR#SM447, JOINT# 437
STA. 84+50, ELEV. 2265.60', XR#SM448, JOINT# 438
STA. 85+00, ELEV. 2263.20', XR#SM449, JOINT# 439
STA. 85+50, ELEV. 2261.30', XR#SM450, JOINT# 440
STA. 86+00, ELEV. 2262.10', XR#SM451, JOINT# 441
STA. 86+50, ELEV. 2263.40', XR#SM452, JOINT# 442
STA. 87+00, ELEV. 2266.00', XR#SM453, JOINT# 443
STA. 87+50, ELEV. 2268.30', XR#SM454, JOINT# 444
STA. 88+00, ELEV. 2268.50', XR#SM496, JOINT# 445
STA. 88+50, ELEV. 2268.00', XR#SM497, JOINT# 446
STA. 89+00, ELEV. 2268.40', XR#SM498, JOINT# 447
STA. 89+50, ELEV. 2268.90', XR#SM499, JOINT# 448
STA. 90+00, ELEV. 2269.70', XR#SM500, JOINT# 449
STA. 90+43, ELEV. 2269.00', XR#SM501, JOINT# 450
STA. 90+93, ELEV. 2267.50', XR#SM502, JOINT# 451
STA. 91+43, ELEV. 2267.50', XR#SM503, JOINT# 452
STA. 91+93, ELEV. 2268.70', XR#SM504, JOINT# 453
STA. 92+43, ELEV. 2268.90', XR#SM505, JOINT# 454
STA. 92+93, ELEV. 2268.60', XR#SM506, JOINT# 455
STA. 93+43, ELEV. 2267.90', XR#SM507, JOINT# 456
STA. 93+93, ELEV. 2267.90', XR#SM508, JOINT# 457
STA. 94+44, ELEV. 2269.00', XR#SM509, JOINT# 458
STA. 94+94, ELEV. 2268.60', XR#SM510, JOINT# 459
STA. 95+44, ELEV. 2268.40', XR#SM511, JOINT# 460
STA. 95+93, ELEV. 2268.20', XR#SM512, JOINT# 461
STA. 96+44, ELEV. 2268.20', XR#SM513, JOINT# 462
STA. 96+94, ELEV. 2269.80', XR#SM514, JOINT# 463
STA. 97+44, ELEV. 2271.00', XR#SM515, JOINT# 464

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 103	SHEET No. 3 OF 149 (1)

OWNERSHIP

97+50 — 010000226690000 BINDE, ARLEY ETAL 9460 132ND AVE NW FORTUNA ND 58844 400.58 FT 24.28 RODS — 101+51

01000022830000 BINDE, JERALD 13355 92ND ST NW FORTUNA ND 58844 2849.42 FT 172.69 RODS — 130+00

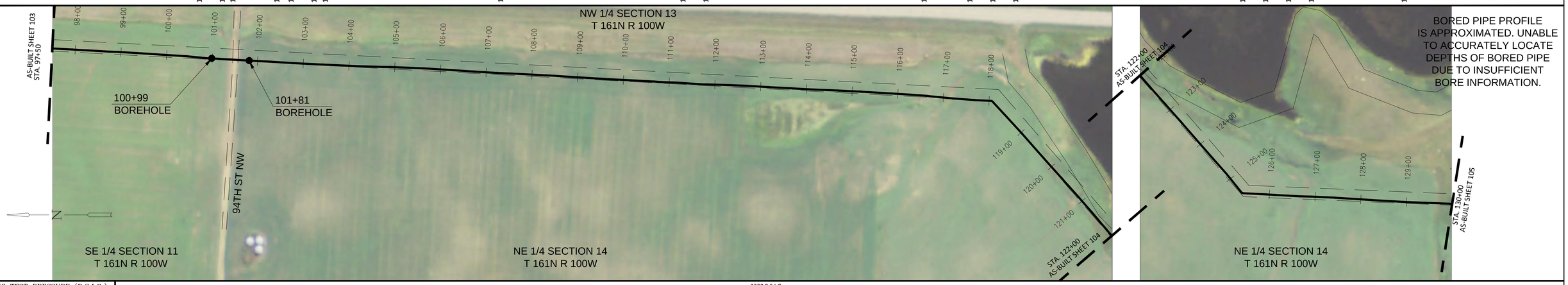
STATIONING

100+92 P.I. < 6°37'15" LT.
100+99 P.I. < 4°27'55" RT.
100+99 BOREHOLE
101+30 TEST STATION
101+45 EDGE OF GRAVEL
101+57 EDGE OF GRAVEL
101+81 BOREHOLE
107+25 P.I. < 2°13'16" LT.
110+78 P.I. < 2°10'06" LT.
111+69 P.I. < 2°18'26" LT.
116+63 P.I. < 4°38'16" RT.
116+70 P.I. < 3°13'14" LT.
118+06 P.I. < 36°54'53" RT.
118+09 P.I. < 6°25'46" RT.
124+86 P.I. < 2°54'55" RT.
125+37 P.I. < 6°17'42" LT.
125+40 P.I. < 36°22'26" LT.
125+43 P.I. < 5°45'12" LT.
129+94 P.I. < 6°38'40" RT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



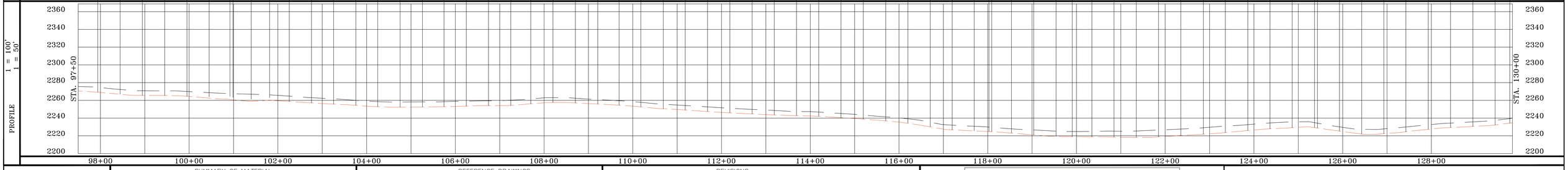
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 97+94, ELEV. 2269.70', XR#SM523, JOINT# 465
STA. 98+44, ELEV. 2267.50', XR#SM524, JOINT# 466
STA. 98+95, ELEV. 2265.60', XR#SM525, JOINT# 467
STA. 99+45, ELEV. 2265.60', XR#SM526, JOINT# 468
STA. 99+95, ELEV. 2265.10', XR#SM527, JOINT# 469
STA. 100+45, ELEV. 2263.20', XR#SM528, JOINT# 470
STA. 100+92, ELEV. 2265.70', XR#SMT56, JOINT# 471
STA. 100+99, ELEV. 2265.50', XR#SMT55, JOINT# 336A
STA. 101+40, ELEV. 2259.42', XR#SMB40, JOINT# 473BR
STA. 101+81, ELEV. 2264.80', XR#SMT57, JOINT# 474
STA. 102+26, ELEV. 2259.20', XR#SM529, JOINT# 475
STA. 102+76, ELEV. 2257.60', XR#SM530, JOINT# 476
STA. 103+26, ELEV. 2256.10', XR#SM531, JOINT# 477
STA. 103+76, ELEV. 2255.00', XR#SM532, JOINT# 478
STA. 104+25, ELEV. 2253.10', XR#SM533, JOINT# 479
STA. 104+76, ELEV. 2252.20', XR#SM534, JOINT# 480
STA. 105+26, ELEV. 2252.40', XR#SM535, JOINT# 481
STA. 105+74, ELEV. 2252.70', XR#SM536, JOINT# 482
STA. 106+25, ELEV. 2253.20', XR#SM537, JOINT# 483
STA. 106+75, ELEV. 2254.10', XR#SM538, JOINT# 484
STA. 107+25, ELEV. 2254.10', XR#SM539, JOINT# 485
STA. 107+70, ELEV. 2255.50', XR#SM540, JOINT# 486
STA. 108+20, ELEV. 2257.40', XR#SM541, JOINT# 487
STA. 108+71, ELEV. 2257.50', XR#SM542, JOINT# 488
STA. 109+21, ELEV. 2256.20', XR#SM543, JOINT# 489
STA. 109+69, ELEV. 2255.10', XR#SM544, JOINT# 490
STA. 110+18, ELEV. 2253.40', XR#SM545, JOINT# 491
STA. 110+69, ELEV. 2251.00', XR#SM546, JOINT# 492
STA. 111+18, ELEV. 2249.70', XR#SM547, JOINT# 493
STA. 111+69, ELEV. 2247.90', XR#SM548, JOINT# 494
STA. 112+19, ELEV. 2246.30', XR#SM549, JOINT# 495
STA. 112+69, ELEV. 2245.00', XR#SM550, JOINT# 496
STA. 113+19, ELEV. 2243.90', XR#SM551, JOINT# 497
STA. 113+69, ELEV. 2242.90', XR#SM552, JOINT# 498
STA. 114+19, ELEV. 2242.40', XR#SM553, JOINT# 499
STA. 114+69, ELEV. 2241.00', XR#SM554, JOINT# 500
STA. 115+20, ELEV. 2239.40', XR#SM555, JOINT# 501
STA. 115+70, ELEV. 2237.60', XR#SM556, JOINT# 502
STA. 116+20, ELEV. 2235.30', XR#SM557, JOINT# 503
STA. 116+70, ELEV. 2231.50', XR#SM558, JOINT# 504
STA. 117+20, ELEV. 2227.20', XR#SM559, JOINT# 505
STA. 117+70, ELEV. 2225.90', XR#SMT48, JOINT# 506
STA. 118+03, ELEV. 2225.20', XR#SMT47, JOINT# 508
STA. 118+09, ELEV. 2225.10', XR#SMT46, JOINT# F4
STA. 118+53, ELEV. 2223.80', XR#SMT45, JOINT# 507
STA. 119+04, ELEV. 2221.70', XR#SM560, JOINT# 509
STA. 119+54, ELEV. 2219.60', XR#SM561, JOINT# 510
STA. 119+90, ELEV. 2219.00', XR#SM562, JOINT# 511
STA. 120+35, ELEV. 2218.90', XR#SMT43, JOINT# 512
STA. 120+85, ELEV. 2218.80', XR#SM563, JOINT# 513
STA. 121+35, ELEV. 2218.20', XR#SM564, JOINT# 514
STA. 121+85, ELEV. 2218.30', XR#SM565, JOINT# 515
STA. 122+35, ELEV. 2219.90', XR#SM566, JOINT# 516
STA. 122+86, ELEV. 2221.40', XR#SM567, JOINT# 517
STA. 123+36, ELEV. 2222.90', XR#SM568, JOINT# 518
STA. 123+86, ELEV. 2225.20', XR#SM569, JOINT# 519
STA. 124+36, ELEV. 2227.50', XR#SM570, JOINT# 520
STA. 124+86, ELEV. 2228.70', XR#SM571, JOINT# 521
STA. 125+37, ELEV. 2230.20', XR#SMT66, JOINT# 522
STA. 125+43, ELEV. 2230.00', XR#SMT67, JOINT# F5
STA. 125+93, ELEV. 2226.50', XR#SM572, JOINT# 523
STA. 126+43, ELEV. 2223.00', XR#SM573, JOINT# 524
STA. 126+93, ELEV. 2221.80', XR#SM574, JOINT# 525
STA. 127+43, ELEV. 2223.60', XR#SM575, JOINT# 526
STA. 127+93, ELEV. 2226.50', XR#SM576, JOINT# 527
STA. 128+43, ELEV. 2229.00', XR#SM577, JOINT# 528
STA. 128+94, ELEV. 2230.10', XR#SM578, JOINT# 529
STA. 129+44, ELEV. 2231.50', XR#SM579, JOINT# 530
STA. 129+94, ELEV. 2234.30', XR#SM580, JOINT# 531

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,167 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	83 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 104	SHEET No. 4 OF 149 (1)

OWNERSHIP

130+00	130+12	158+68	162+50
01000022830000 BINDE, JERALD 13355 92ND ST NW FORTUNA ND 58844 12.04 FT 0.73 RODS		01000022850000 KNUDSVIG, AARON & AMBER 2130 SAND CREEK DR WILLISTON ND 58801 2856.27 FT 173.11 RODS	01000023163000 BINDE, ARLEY ETAL 9460 132ND AVE NW FORTUNA ND 58844 381.69 FT 23.13 RODS

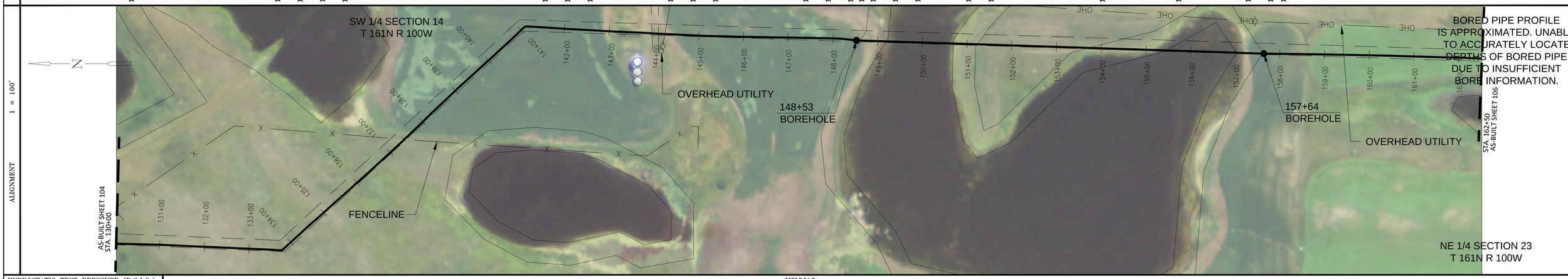
STATIONING

130+01 P.I. < 7°25'04" LT.
133+71 P.I. < 8°20'37" LT.
133+74 P.I. < 33°08'37" LT.
133+77 P.I. < 4°28'25" LT.
134+64 P.I. < 3°22'58" RT.
141+10 P.I. < 23°05'01" RT.
141+13 P.I. < 15°16'34" RT.
141+17 P.I. < 8°28'39" RT.
143+95 EDGE OF GRAVEL
144+10 EDGE OF GRAVEL
144+24 OVERHEAD ELECTRIC
146+50 P.I. < 2°01'48" RT.
146+65 P.I. < 2°00'22" LT.
148+15 P.I. < 5°02'11" RT.
148+53 BOREHOLE
148+53 P.I. < 4°22'30" LT.
148+61 EDGE OF WATER
149+19 EDGE OF WATER
150+70 EDGE OF WATER
151+24 EDGE OF WATER
153+72 EDGE OF WATER
155+44 EDGE OF WATER
157+02 EDGE OF WATER
157+61 EDGE OF WATER
157+64 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



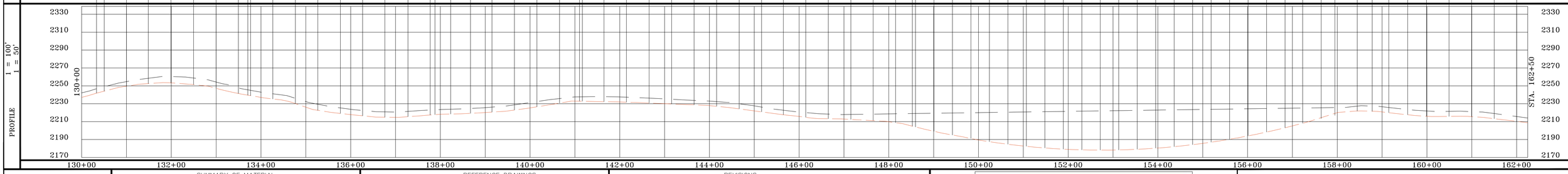
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 130+33, ELEV. 2239.20', XR#SMT58, JOINT# 532
STA. 130+50, ELEV. 2241.80', XR#SMT59, JOINT# 508A
STA. 131+00, ELEV. 2248.20', XR#SMT60, JOINT# 533
STA. 131+49, ELEV. 2251.90', XR#SM581, JOINT# 534
STA. 131+99, ELEV. 2253.60', XR#SM582, JOINT# 535
STA. 132+50, ELEV. 2252.20', XR#SM583, JOINT# 536
STA. 133+00, ELEV. 2249.80', XR#SM584, JOINT# 537
STA. 133+50, ELEV. 2243.40', XR#SMT68, JOINT# 538
STA. 133+71, ELEV. 2241.30', XR#SMT69, JOINT# 539
STA. 133+77, ELEV. 2240.70', XR#SMT70, JOINT# F6
STA. 134+26, ELEV. 2236.50', XR#SM585, JOINT# 540
STA. 134+77, ELEV. 2233.10', XR#SM586, JOINT# 541
STA. 135+27, ELEV. 2225.00', XR#SM587, JOINT# 542
STA. 135+77, ELEV. 2220.30', XR#SM588, JOINT# 543
STA. 136+27, ELEV. 2217.50', XR#SMT61, JOINT# 544
STA. 136+76, ELEV. 2215.10', XR#SMT62, JOINT# 545
STA. 137+28, ELEV. 2214.80', XR#SMT63, JOINT# 546
STA. 137+77, ELEV. 2216.60', XR#SMT64, JOINT# 547
STA. 137+88, ELEV. 2217.10', XR#SMT65, JOINT# 532A
STA. 138+23, ELEV. 2218.30', XR#SM589, JOINT# 548
STA. 138+67, ELEV. 2218.70', XR#SM590, JOINT# 549
STA. 139+15, ELEV. 2220.00', XR#SM591, JOINT# 550
STA. 139+65, ELEV. 2221.6', XR#SM592, JOINT# 551
STA. 140+15, ELEV. 2224.90', XR#SM593, JOINT# 552
STA. 140+66, ELEV. 2229.00', XR#SM594, JOINT# 553
STA. 141+10, ELEV. 2232.70', XR#SMT77, JOINT# 554
STA. 141+17, ELEV. 2233.00', XR#SMT78, JOINT# F7
STA. 141+65, ELEV. 2232.40', XR#SM595, JOINT# 555
STA. 142+15, ELEV. 2232.10', XR#SM596, JOINT# 556
STA. 142+65, ELEV. 2231.20', XR#SM597, JOINT# 557
STA. 143+16, ELEV. 2230.20', XR#SM598, JOINT# 558
STA. 143+66, ELEV. 2229.20', XR#SMT71, JOINT# 559
STA. 144+16, ELEV. 2228.20', XR#SM599, JOINT# 560
STA. 144+66, ELEV. 2225.70', XR#SMT72, JOINT# 561
STA. 145+16, ELEV. 2222.30', XR#SM600, JOINT# 562
STA. 145+65, ELEV. 2219.10', XR#SM601, JOINT# 563
STA. 146+15, ELEV. 2216.20', XR#SM602, JOINT# 564
STA. 146+65, ELEV. 2213.30', XR#SM603, JOINT# 565
STA. 147+15, ELEV. 2213.10', XR#SM604, JOINT# 566
STA. 147+65, ELEV. 2211.70', XR#SM605, JOINT# 567
STA. 148+15, ELEV. 2210.30', XR#SMT73, JOINT# 568
STA. 148+53, ELEV. 2207.70', XR#SMT74, JOINT# 570
STA. 148+60, ELEV. 2206.78', XR#SMB129, JOINT# 575BR
STA. 149+01, ELEV. 2201.65', XR#SMB134, JOINT# 576BR
STA. 149+42, ELEV. 2197.03', XR#SMB135, JOINT# 577BR
STA. 149+83, ELEV. 2193.41', XR#SMB140, JOINT# 578BR
STA. 150+24, ELEV. 2189.29', XR#SMB180, JOINT# 579BR
STA. 150+66, ELEV. 2186.18', XR#SMB118, JOINT# 580BR
STA. 151+07, ELEV. 2183.57', XR#SMB121, JOINT# 581BR
STA. 151+48, ELEV. 2181.48', XR#SMB124, JOINT# 582BR
STA. 151+89, ELEV. 2179.88', XR#SMB127, JOINT# 583BR
STA. 152+30, ELEV. 2178.80', XR#SMB130, JOINT# 584BR
STA. 152+72, ELEV. 2178.22', XR#SMB133, JOINT# 585BR
STA. 153+13, ELEV. 2178.15', XR#SMB136, JOINT# 586BR
STA. 153+54, ELEV. 2178.58', XR#SMB139, JOINT# 587BR
STA. 153+95, ELEV. 2179.52', XR#SMB179, JOINT# 588BR
STA. 154+36, ELEV. 2180.97', XR#SMB119, JOINT# 589BR
STA. 154+78, ELEV. 2182.92', XR#SMB120, JOINT# 590BR
STA. 155+19, ELEV. 2185.38', XR#SMB125, JOINT# 591BR
STA. 155+60, ELEV. 2188.35', XR#SMB126, JOINT# 592BR
STA. 156+01, ELEV. 2191.82', XR#SMB131, JOINT# 593BR
STA. 156+42, ELEV. 2195.81', XR#SMB132, JOINT# 594BR
STA. 156+84, ELEV. 2200.29', XR#SMB137, JOINT# 595BR
STA. 157+23, ELEV. 2205.02', XR#SMB138, JOINT# 596BR
STA. 157+64, ELEV. 2210.50', XR#SMT85, JOINT# 597BR
STA. 157+95, ELEV. 2214.20', XR#SMT86, JOINT# 598
STA. 158+45, ELEV. 2219.90', XR#SM607, JOINT# 599
STA. 158+78, ELEV. 2222.00', XR#SM608, JOINT# 600
STA. 159+15, ELEV. 2221.40', XR#SM609, JOINT# 601
STA. 159+57, ELEV. 2219.00', XR#SM610, JOINT# 602
STA. 159+99, ELEV. 2216.80', XR#SM611, JOINT# 603
STA. 160+49, ELEV. 2215.70', XR#SM612, JOINT# 604
STA. 161+00, ELEV. 2216.00', XR#SM613, JOINT# 605
STA. 161+50, ELEV. 2214.80', XR#SM614, JOINT# 606
STA. 162+00, ELEV. 2211.80', XR#SM615, JOINT# 607

PROFILE 1 = 100' / 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
– – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,338 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	912 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 105	SHEET No. 5 OF 149 (1)

OWNERSHIP

162+50

01000023163000
BINDE, ARLEY ETAL
9460 132ND AVE NW
FORTUNA ND 58844
2271.00 FT
137.64 RODS

185+21

01000023140000
AABERG, LESLIE
PO BOX 182
CROSBY ND 58730
979.00 FT
59.33 RODS

195+00

STATIONING

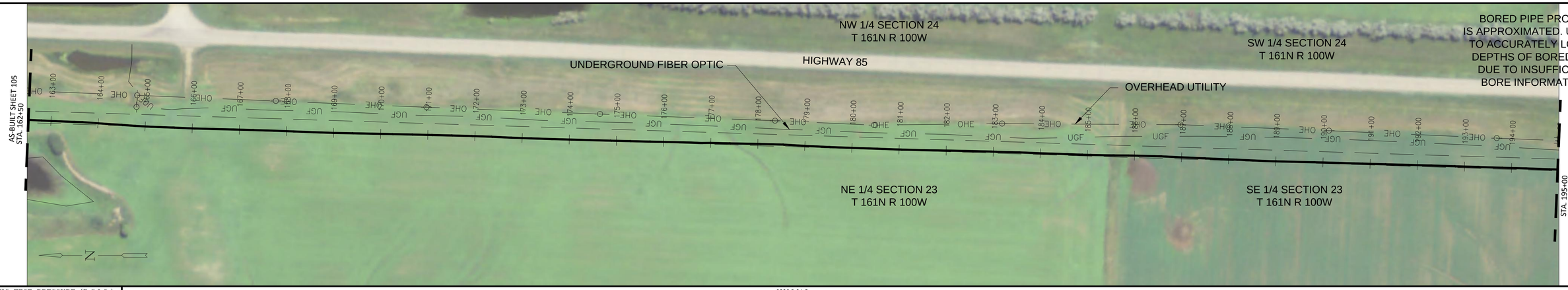
163+66 P.I. < 3°01'58" RT.

176+79 P.I. < 2°57'38" LT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



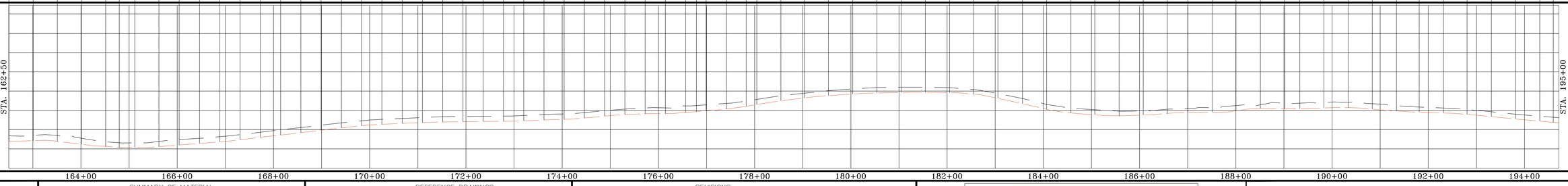
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 162+50, ELEV. 2208.80', XR#SM616, JOINT# 608
STA. 163+01, ELEV. 2208.10', XR#SM617, JOINT# 609
STA. 163+51, ELEV. 2209.00', XR#SMT79, JOINT# 610
STA. 164+01, ELEV. 2206.30', XR#SMT677, JOINT# 611
STA. 164+51, ELEV. 2203.30', XR#SM5045, JOINT# 472
STA. 164+79, ELEV. 2202.50', XR#SMT678, JOINT# 335
STA. 165+12, ELEV. 2201.50', XR#SM5046, JOINT# 356A
STA. 165+62, ELEV. 2201.30', XR#SM5047, JOINT# 334
STA. 166+04, ELEV. 2203.00', XR#SM5048, JOINT# 4859
STA. 166+46, ELEV. 2204.70', XR#SM5049, JOINT# 4860
STA. 166+89, ELEV. 2206.30', XR#SM5050, JOINT# 4861
STA. 167+31, ELEV. 2208.00', XR#SM5051, JOINT# 4862
STA. 167+73, ELEV. 2210.50', XR#SM5052, JOINT# 4863
STA. 168+15, ELEV. 2213.00', XR#SM5053, JOINT# 4864
STA. 168+57, ELEV. 2215.20', XR#SM5054, JOINT# 4865
STA. 168+99, ELEV. 2217.80', XR#SM5055, JOINT# 4866
STA. 169+41, ELEV. 2220.20', XR#SM5056, JOINT# 4867
STA. 169+83, ELEV. 2222.70', XR#SM5057, JOINT# 4868
STA. 170+25, ELEV. 2224.80', XR#SM5058, JOINT# 4869
STA. 170+67, ELEV. 2225.90', XR#SM5059, JOINT# 4870
STA. 171+10, ELEV. 2226.90', XR#SM5060, JOINT# 4871
STA. 171+52, ELEV. 2227.60', XR#SM5061, JOINT# 4872
STA. 171+94, ELEV. 2228.10', XR#SM5062, JOINT# 4873
STA. 172+36, ELEV. 2228.30', XR#SM5063, JOINT# 4874
STA. 172+78, ELEV. 2228.60', XR#SM5064, JOINT# 4875
STA. 173+20, ELEV. 2228.70', XR#SM5065, JOINT# 4876
STA. 173+62, ELEV. 2229.40', XR#SM5066, JOINT# 4877
STA. 174+04, ELEV. 2230.30', XR#SM5067, JOINT# 4878
STA. 174+46, ELEV. 2231.00', XR#SM5068, JOINT# 4879
STA. 174+88, ELEV. 2232.70', XR#SM5069, JOINT# 4880
STA. 175+30, ELEV. 2234.80', XR#SM5070, JOINT# 4881
STA. 175+72, ELEV. 2236.00', XR#SM5071, JOINT# 4882
STA. 176+15, ELEV. 2236.70', XR#SM5072, JOINT# 4883
STA. 176+57, ELEV. 2236.70', XR#SM5073, JOINT# 4884
STA. 176+79, ELEV. 2237.80', XR#SM5073, JOINT# 4885
STA. 176+99, ELEV. 2238.40', XR#SM5074, JOINT# 598A
STA. 177+41, ELEV. 2240.10', XR#SM5075, JOINT# 4886
STA. 177+82, ELEV. 2242.30', XR#SMT680, JOINT# 4887
STA. 178+05, ELEV. 2243.80', XR#SMT681, JOINT# 4888
STA. 178+55, ELEV. 2248.00', XR#SM618, JOINT# 612
STA. 179+03, ELEV. 2251.30', XR#SM619, JOINT# 613
STA. 179+53, ELEV. 2254.30', XR#SM620, JOINT# 614
STA. 180+04, ELEV. 2256.10', XR#SM621, JOINT# 615
STA. 180+54, ELEV. 2257.70', XR#SM622, JOINT# 616
STA. 181+05, ELEV. 2258.30', XR#SM623, JOINT# 617
STA. 181+55, ELEV. 2258.90', XR#SM624, JOINT# 618
STA. 182+05, ELEV. 2258.80', XR#SM625, JOINT# 619
STA. 182+55, ELEV. 2258.00', XR#SM626, JOINT# 620
STA. 183+06, ELEV. 2255.30', XR#SM627, JOINT# 621
STA. 183+57, ELEV. 2250.00', XR#SM628, JOINT# 622
STA. 184+07, ELEV. 2244.30', XR#SM629, JOINT# 623
STA. 184+57, ELEV. 2238.90', XR#SM631, JOINT# 624
STA. 185+07, ELEV. 2236.30', XR#SM632, JOINT# 625
STA. 185+58, ELEV. 2234.50', XR#SMT80, JOINT# 626
STA. 186+08, ELEV. 2234.60', XR#SM630, JOINT# 627
STA. 186+57, ELEV. 2235.60', XR#SMT81, JOINT# 628
STA. 187+00, ELEV. 2237.40', XR#SM633, JOINT# 629
STA. 187+51, ELEV. 2238.10', XR#SM634, JOINT# 630
STA. 188+00, ELEV. 2238.00', XR#SM635, JOINT# 631
STA. 188+51, ELEV. 2241.10', XR#SM636, JOINT# 632
STA. 189+01, ELEV. 2242.20', XR#SM637, JOINT# 633
STA. 189+33, ELEV. 2241.80', XR#SM638, JOINT# 634
STA. 189+83, ELEV. 2242.00', XR#SM639, JOINT# 635
STA. 190+33, ELEV. 2242.90', XR#SM640, JOINT# 636
STA. 190+84, ELEV. 2242.50', XR#SM641, JOINT# 637
STA. 191+34, ELEV. 2240.30', XR#SM642, JOINT# 638
STA. 191+81, ELEV. 2238.70', XR#SM643, JOINT# 639
STA. 192+31, ELEV. 2237.70', XR#SM644, JOINT# 640
STA. 192+81, ELEV. 2236.90', XR#SM645, JOINT# 641
STA. 193+31, ELEV. 2234.90', XR#SM646, JOINT# 642
STA. 193+81, ELEV. 2232.40', XR#SM647, JOINT# 643
STA. 194+32, ELEV. 2230.10', XR#SM648, JOINT# 644
STA. 194+81, ELEV. 2227.80', XR#SM649, JOINT# 645

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 106	SHEET No. 6 OF 149 △1

OWNERSHIP

195+00 — 010000023140000 AABERG, LESLIE PO BOX 182 CROSBY ND 58730 2383.64 FT 144.46 RODS — 218+84 — 010000023290000 AABERG, LOIS LIFE ESTATE NORTHERN LIGHTS VILLA #114 CROSBY ND 58730 866.36 FT 52.51 RODS — 227+50

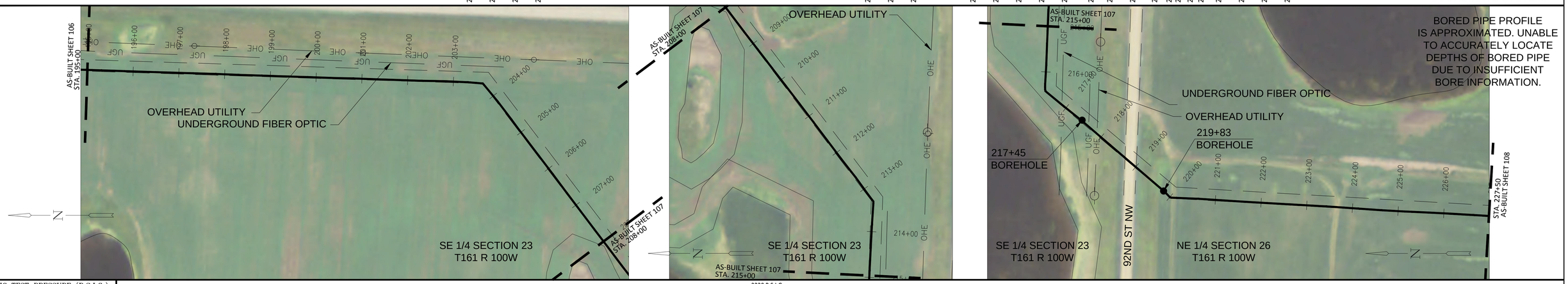
STATIONING

203+61 P.I. < 2°13'01" LT. | 203+64 P.I. < 45°04'22" RT. | 203+67 P.I. < 2°51'31" RT. | 204+16 P.I. < 2°23'24" RT. | 212+68 P.I. < 2°06'38" RT. | 213+34 P.I. < 34°58'04" RT. | 213+37 P.I. < 4°30'02" RT. | 216+33 P.I. < 4°11'06" LT. | 216+39 P.I. < 11°02'46" LT. | 216+42 P.I. < 33°47'56" LT. | 216+45 P.I. < 3°35'56" LT. | 216+89 UNDERGROUND FIBER OPTIC | 217+45 BOREHOLE | 217+65 UNDERGROUND FIBER OPTIC | 217+89 OVERHEAD ELECTRIC | 218+69 EDGE OF ASPHALT | 219+02 EDGE OF ASPHALT | 219+57 TEST STATION | 219+83 BOREHOLE | 219+89 P.I. < 2°30'42" RT. | 219+98 P.I. < 5°39'16" LT. | 220+01 P.I. < 31°48'28" LT. | 220+04 P.I. < 6°39'34" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



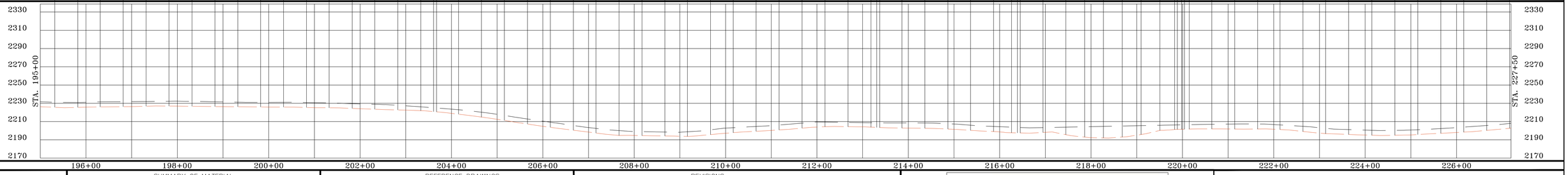
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 195+32, ELEV. 2226.20', XR#SM650, JOINT# 646
STA. 195+82, ELEV. 2225.20', XR#SM651, JOINT# 647
STA. 196+31, ELEV. 2225.80', XR#SM652, JOINT# 648
STA. 196+81, ELEV. 2226.20', XR#SM653, JOINT# 649
STA. 197+32, ELEV. 2226.40', XR#SM654, JOINT# 650
STA. 197+82, ELEV. 2227.10', XR#SM655, JOINT# 651
STA. 198+32, ELEV. 2226.90', XR#SM656, JOINT# 652
STA. 198+82, ELEV. 2226.60', XR#SM657, JOINT# 653
STA. 199+32, ELEV. 2226.30', XR#SM658, JOINT# 654
STA. 199+82, ELEV. 2226.20', XR#SM659, JOINT# 655
STA. 200+32, ELEV. 2225.80', XR#SM660, JOINT# 656
STA. 200+83, ELEV. 2225.80', XR#SM661, JOINT# 657
STA. 201+32, ELEV. 2225.20', XR#SM662, JOINT# 658
STA. 201+83, ELEV. 2225.00', XR#SM663, JOINT# 659
STA. 202+32, ELEV. 2224.00', XR#SM664, JOINT# 660
STA. 202+82, ELEV. 2223.10', XR#SM665, JOINT# 661
STA. 203+33, ELEV. 2222.50', XR#SMT93, JOINT# 662
STA. 203+61, ELEV. 2222.00', XR#SMT94, JOINT# 663
STA. 203+67, ELEV. 2221.90', XR#SMT95, JOINT# F7
STA. 204+16, ELEV. 2219.80', XR#SM666, JOINT# 664
STA. 204+66, ELEV. 2216.80', XR#SM667, JOINT# 665
STA. 205+16, ELEV. 2213.50', XR#SM668, JOINT# 667
STA. 205+66, ELEV. 2209.50', XR#SM669, JOINT# 668
STA. 206+16, ELEV. 2205.70', XR#SM670, JOINT# 669
STA. 206+67, ELEV. 2202.30', XR#SM671, JOINT# 670
STA. 207+16, ELEV. 2199.30', XR#SM672, JOINT# 671
STA. 207+67, ELEV. 2196.10', XR#SM673, JOINT# 672
STA. 208+17, ELEV. 2194.90', XR#SM674, JOINT# 673
STA. 208+67, ELEV. 2194.40', XR#SMT82, JOINT# 674
STA. 209+17, ELEV. 2194.10', XR#SM675, JOINT# 675
STA. 209+67, ELEV. 2194.30', XR#SMT83, JOINT# 676
STA. 210+17, ELEV. 2196.70', XR#SMT84, JOINT# 677
STA. 210+67, ELEV. 2198.60', XR#SM676, JOINT# 678
STA. 211+17, ELEV. 2199.90', XR#SM677, JOINT# 679
STA. 211+67, ELEV. 2201.50', XR#SM678, JOINT# 680
STA. 212+18, ELEV. 2203.70', XR#SM679, JOINT# 681
STA. 212+68, ELEV. 2204.60', XR#SM680, JOINT# 682
STA. 213+18, ELEV. 2204.20', XR#SMT, JOINT# 683
STA. 213+31, ELEV. 2204.20', XR#SMT, JOINT# 663A
STA. 213+37, ELEV. 2204.10', XR#SMT, JOINT# F8
STA. 213+86, ELEV. 2203.10', XR#SM681, JOINT# 685
STA. 214+36, ELEV. 2202.80', XR#SM682, JOINT# 686
STA. 214+87, ELEV. 2202.50', XR#SM683, JOINT# 687
STA. 215+36, ELEV. 2201.40', XR#SM684, JOINT# 688
STA. 215+87, ELEV. 2199.70', XR#SM685, JOINT# 689
STA. 216+26, ELEV. 2198.90', XR#SMT99, JOINT# 690
STA. 216+39, ELEV. 2198.30', XR#SMT100, JOINT# 539A
STA. 216+45, ELEV. 2197.90', XR#SMT101, JOINT# F9
STA. 216+95, ELEV. 2197.30', XR#SM686, JOINT# 691
STA. 217+45, ELEV. 2198.60', XR#SMT102, JOINT# 692
STA. 217+86, ELEV. 2194.57', XR#SMB158, JOINT# 693BR
STA. 218+27, ELEV. 2192.36', XR#SMB159, JOINT# 694BR
STA. 218+68, ELEV. 2191.98', XR#SMB160, JOINT# 695BR
STA. 219+09, ELEV. 2193.42', XR#SMB161, JOINT# 696BR
STA. 219+51, ELEV. 2196.69', XR#SMB162, JOINT# 697BR
STA. 219+83, ELEV. 2200.50', XR#SMT126, JOINT# 698BR
STA. 219+89, ELEV. 2200.40', XR#SMT127, JOINT# 700
STA. 219+98, ELEV. 2200.70', XR#SMT104, JOINT# 539B
STA. 220+04, ELEV. 2200.90', XR#SMT105, JOINT# F10
STA. 220+15, ELEV. 2201.40', XR#SMT106, JOINT# 690A
STA. 220+64, ELEV. 2202.00', XR#SM687, JOINT# 701
STA. 221+15, ELEV. 2202.00', XR#SM688, JOINT# 702
STA. 221+65, ELEV. 2201.70', XR#SM689, JOINT# 703
STA. 222+14, ELEV. 2202.00', XR#SM690, JOINT# 704
STA. 222+64, ELEV. 2200.80', XR#SM691, JOINT# 705
STA. 223+13, ELEV. 2198.10', XR#SM692, JOINT# 706
STA. 223+64, ELEV. 2196.50', XR#SM693, JOINT# 707
STA. 224+15, ELEV. 2195.50', XR#SM694, JOINT# 708
STA. 224+65, ELEV. 2194.70', XR#SM695, JOINT# 709
STA. 225+15, ELEV. 2195.20', XR#SM696, JOINT# 710
STA. 225+66, ELEV. 2196.40', XR#SM697, JOINT# 711
STA. 226+16, ELEV. 2197.60', XR#SM698, JOINT# 712
STA. 226+66, ELEV. 2199.00', XR#SM699, JOINT# 713
STA. 227+16, ELEV. 2201.20', XR#SM700, JOINT# 714

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
– – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,012 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	238 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 107	SHEET No. 7 OF 149 (1)

OWNERSHIP

227+50

01000023290000
AABERG, LOIS LIFE ESTATE
NORTHERN LIGHTS VILLA #114
CROSBY ND 58730
1810.72 FT
109.74 RODS

245+61

01000023300000
EBERLE, FRED LIFE ESTATE &
13387 57TH ST NW
WILLISTON ND 58801
1439.28 FT
87.23 RODS

260+00

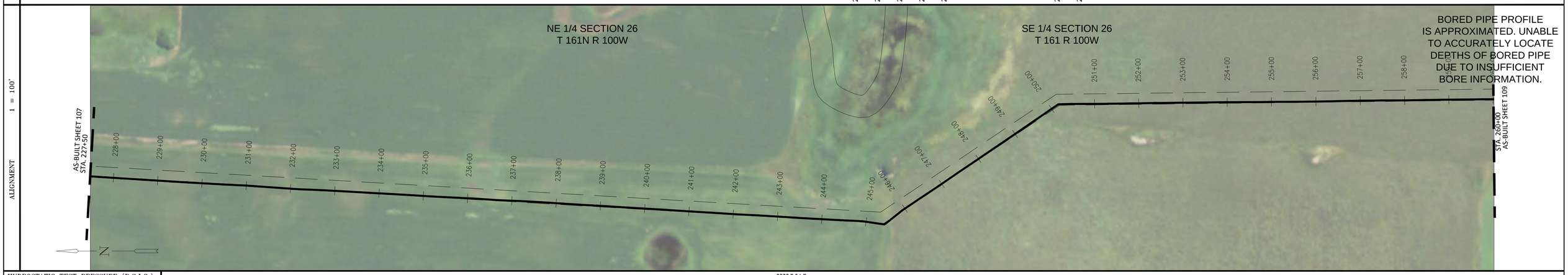
STATIONING

244+91 P.I. < 5°47'01" RT.
245+39 P.I. < 2°47'40" LT.
245+41 P.I. < 35°55'31" LT.
245+45 P.I. < 7°27'06" LT.
245+93 P.I. < 4°26'12" RT.
250+17 P.I. < 14°10'25" RT.
250+19 P.I. < 17°37'57" RT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



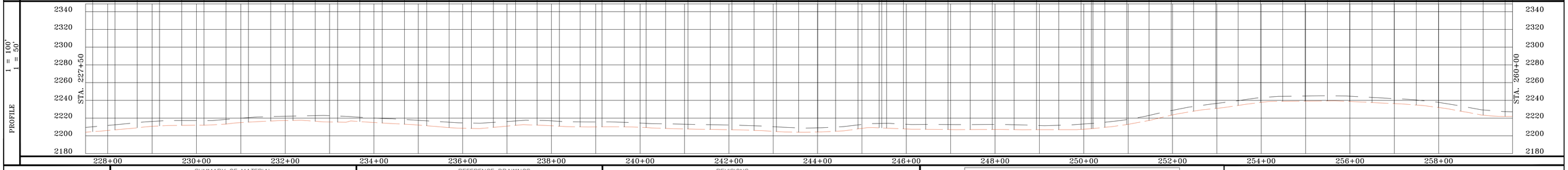
HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

AS-BUILT DATA

STA. 227+66, ELEV. 2203.50', XR#SM701, JOINT# 715
STA. 228+16, ELEV. 2205.40', XR#SM702, JOINT# 716
STA. 228+67, ELEV. 2207.60', XR#SM703, JOINT# 717
STA. 229+17, ELEV. 2210.10', XR#SM704, JOINT# 718
STA. 229+67, ELEV. 2211.60', XR#SM705, JOINT# 719
STA. 230+17, ELEV. 2211.90', XR#SM706, JOINT# 720
STA. 230+67, ELEV. 2212.40', XR#SM707, JOINT# 721
STA. 231+17, ELEV. 2214.50', XR#SM708, JOINT# 722
STA. 231+67, ELEV. 2216.00', XR#SM709, JOINT# 723
STA. 232+18, ELEV. 2217.10', XR#SM710, JOINT# 724
STA. 232+68, ELEV. 2217.60', XR#SM711, JOINT# 725
STA. 233+18, ELEV. 2215.70', XR#SM712, JOINT# 726
STA. 233+68, ELEV. 2215.30', XR#SM713, JOINT# 727
STA. 234+19, ELEV. 2215.40', XR#SM714, JOINT# 728
STA. 234+69, ELEV. 2213.90', XR#SM715, JOINT# 729
STA. 235+19, ELEV. 2212.60', XR#SM716, JOINT# 730
STA. 235+69, ELEV. 2210.60', XR#SM717, JOINT# 731
STA. 236+20, ELEV. 2208.70', XR#SMT75, JOINT# 732
STA. 236+69, ELEV. 2208.10', XR#SM719, JOINT# 733
STA. 237+19, ELEV. 2210.40', XR#SM776, JOINT# 734
STA. 237+68, ELEV. 2212.60', XR#SM718, JOINT# 735
STA. 238+18, ELEV. 2211.70', XR#SM720, JOINT# 736
STA. 238+65, ELEV. 2210.40', XR#SM721, JOINT# 737
STA. 239+14, ELEV. 2210.00', XR#SM722, JOINT# 738
STA. 239+64, ELEV. 2210.20', XR#SM723, JOINT# 739
STA. 240+14, ELEV. 2210.00', XR#SM724, JOINT# 740
STA. 240+58, ELEV. 2208.90', XR#SM725, JOINT# 741
STA. 241+08, ELEV. 2208.00', XR#SM726, JOINT# 742
STA. 241+58, ELEV. 2207.50', XR#SM727, JOINT# 743
STA. 242+07, ELEV. 2207.10', XR#SM728, JOINT# 744
STA. 242+57, ELEV. 2206.70', XR#SM729, JOINT# 745
STA. 243+07, ELEV. 2205.80', XR#SM730, JOINT# 746
STA. 243+57, ELEV. 2204.30', XR#SM731, JOINT# 747
STA. 244+00, ELEV. 2204.00', XR#SM732, JOINT# 748
STA. 244+41, ELEV. 2204.40', XR#SM733, JOINT# 749
STA. 244+91, ELEV. 2205.60', XR#SM734, JOINT# 750
STA. 245+39, ELEV. 2208.90', XR#SMT107, JOINT# 751
STA. 245+45, ELEV. 2209.20', XR#SMT108, JOINT# F11
STA. 245+56, ELEV. 2209.30', XR#SMT109, JOINT# 387A
STA. 245+93, ELEV. 2208.50', XR#SM735, JOINT# 752
STA. 246+44, ELEV. 2207.50', XR#SM7356, JOINT# 753
STA. 246+94, ELEV. 2207.30', XR#SM737, JOINT# 754
STA. 247+44, ELEV. 2207.00', XR#SM738, JOINT# 755
STA. 247+94, ELEV. 2207.10', XR#SM739, JOINT# 756
STA. 248+43, ELEV. 2207.20', XR#SM740, JOINT# 757
STA. 248+93, ELEV. 2206.90', XR#SM741, JOINT# 758
STA. 249+44, ELEV. 2207.00', XR#SM742, JOINT# 759
STA. 249+94, ELEV. 2207.00', XR#SMT110, JOINT# 760
STA. 250+17, ELEV. 2207.00', XR#SMT111, JOINT# 761A
STA. 250+21, ELEV. 2207.10', XR#SM743, JOINT# F12
STA. 250+47, ELEV. 2208.00', XR#SM744, JOINT# 761
STA. 250+97, ELEV. 2210.50', XR#SM745, JOINT# 762
STA. 251+47, ELEV. 2214.40', XR#SM746, JOINT# 763
STA. 251+97, ELEV. 2219.50', XR#SM747, JOINT# 764
STA. 252+48, ELEV. 2225.10', XR#SM748, JOINT# 765
STA. 252+98, ELEV. 2229.20', XR#SM749, JOINT# 766
STA. 253+48, ELEV. 2231.80', XR#SM750, JOINT# 767
STA. 253+98, ELEV. 2235.60', XR#SM751, JOINT# 768
STA. 254+48, ELEV. 2238.70', XR#SM752, JOINT# 769
STA. 254+99, ELEV. 2239.00', XR#SM753, JOINT# 770
STA. 255+49, ELEV. 2239.20', XR#SM754, JOINT# 771
STA. 255+99, ELEV. 2239.40', XR#SM755, JOINT# 772
STA. 256+50, ELEV. 2238.40', XR#SM756, JOINT# 773
STA. 257+00, ELEV. 2237.10', XR#SM757, JOINT# 774
STA. 257+49, ELEV. 2236.00', XR#SM758, JOINT# 775
STA. 258+00, ELEV. 2234.10', XR#SM759, JOINT# 776
STA. 258+50, ELEV. 2230.80', XR#SM760, JOINT# 777
STA. 259+00, ELEV. 2226.30', XR#SM761, JOINT# 778
STA. 259+50, ELEV. 2222.50', XR#SM762, JOINT# 779
STA. 260+00, ELEV. 2222.00', XR#SM762, JOINT# 780

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 108	SHEET No. 8 OF 149 1

OWNERSHIP

260+00

010000233000000
EBERLE, FRED LIFE ESTATE &
13387 57TH ST NW
WILLISTON ND 58801
1308.39 FT
79.30 RODS

273+08

010000237400000
PRICE, ROGER–HALVORSON SHARLO
1315 13TH AVE W
WILLISTON ND 58801
1941.61 FT
117.67 RODS

292+50

STATIONING

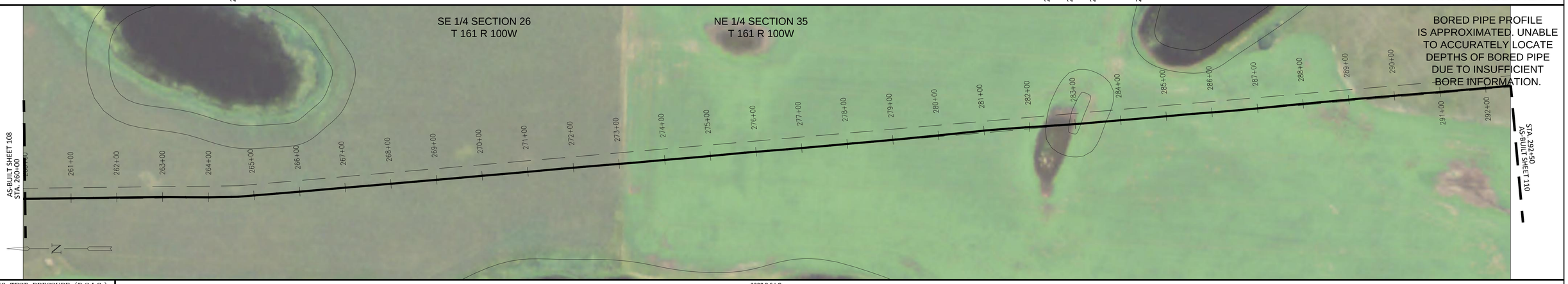
264+65 P.I. < 3°24'54" LT.

282+36 EDGE OF WATER
282+87 EDGE OF WATER
283+13 EDGE OF WATER
283+68 EDGE OF WATER

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



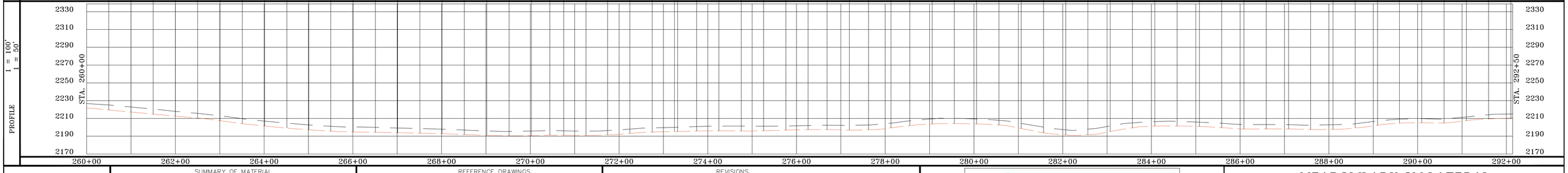
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 260+50, ELEV. 2221.20', XR#SM763, JOINT# 781
STA. 261+00, ELEV. 2218.70', XR#SM764, JOINT# 782
STA. 261+50, ELEV. 2216.40', XR#SM765, JOINT# 783
STA. 262+00, ELEV. 2214.10', XR#SM766, JOINT# 784
STA. 262+50, ELEV. 2211.90', XR#SM767, JOINT# 785
STA. 263+00, ELEV. 2209.70', XR#SM768, JOINT# 786
STA. 263+51, ELEV. 2206.40', XR#SM769, JOINT# 787
STA. 264+01, ELEV. 2203.20', XR#SM770, JOINT# 788
STA. 264+51, ELEV. 2200.70', XR#SM771, JOINT# 789
STA. 265+01, ELEV. 2198.50', XR#SM772, JOINT# 790
STA. 265+50, ELEV. 2196.70', XR#SM773, JOINT# 791
STA. 266+01, ELEV. 2195.20', XR#SM774, JOINT# 792
STA. 266+51, ELEV. 2194.70', XR#SM775, JOINT# 793
STA. 267+01, ELEV. 2194.30', XR#SM776, JOINT# 794
STA. 267+51, ELEV. 2193.70', XR#SM777, JOINT# 795
STA. 268+01, ELEV. 2193.30', XR#SM778, JOINT# 796
STA. 268+51, ELEV. 2192.60', XR#SM779, JOINT# 797
STA. 269+02, ELEV. 2191.50', XR#SM780, JOINT# 798
STA. 269+52, ELEV. 2190.70', XR#SM781, JOINT# 799
STA. 270+02, ELEV. 2190.40', XR#SM782, JOINT# 800
STA. 270+44, ELEV. 2190.70', XR#SM783, JOINT# 801
STA. 270+75, ELEV. 2191.20', XR#SM784, JOINT# 802
STA. 271+25, ELEV. 2191.00', XR#SM785, JOINT# 803
STA. 271+74, ELEV. 2190.90', XR#SM786, JOINT# 804
STA. 272+24, ELEV. 2191.80', XR#SM787, JOINT# 805
STA. 272+75, ELEV. 2193.90', XR#SMT87, JOINT# 806
STA. 273+25, ELEV. 2195.00', XR#SMT88, JOINT# 807
STA. 273+32, ELEV. 2195.00', XR#SMT89, JOINT# 808A
STA. 273+75, ELEV. 2195.40', XR#SM788, JOINT# 808
STA. 274+25, ELEV. 2196.00', XR#SM789, JOINT# 809
STA. 274+76, ELEV. 2196.10', XR#SM790, JOINT# 810
STA. 275+26, ELEV. 2195.80', XR#SM791, JOINT# 811
STA. 275+76, ELEV. 2196.40', XR#SM792, JOINT# 812
STA. 276+26, ELEV. 2197.10', XR#SM793, JOINT# 813
STA. 276+69, ELEV. 2197.30', XR#SM794, JOINT# 814
STA. 277+19, ELEV. 2197.30', XR#SM795, JOINT# 815
STA. 277+62, ELEV. 2196.80', XR#SM796, JOINT# 816
STA. 278+13, ELEV. 2197.40', XR#SM797, JOINT# 817
STA. 278+56, ELEV. 2200.00', XR#SM798, JOINT# 818
STA. 279+06, ELEV. 2202.90', XR#SM799, JOINT# 819
STA. 279+56, ELEV. 2204.20', XR#SM800, JOINT# 820
STA. 280+06, ELEV. 2204.20', XR#SM801, JOINT# 821
STA. 280+56, ELEV. 2203.60', XR#SM802, JOINT# 822
STA. 281+06, ELEV. 2202.10', XR#SM803, JOINT# 823
STA. 281+57, ELEV. 2197.20', XR#SM805, JOINT# 824
STA. 282+07, ELEV. 2192.90', XR#SMT90, JOINT# 825
STA. 282+57, ELEV. 2190.80', XR#SM804, JOINT# 826
STA. 283+07, ELEV. 2192.10', XR#SMT91, JOINT# 827
STA. 283+57, ELEV. 2196.70', XR#SMT92, JOINT# 828
STA. 284+08, ELEV. 2200.60', XR#SM806, JOINT# 829
STA. 284+58, ELEV. 2201.60', XR#SM806, JOINT# 830
STA. 285+08, ELEV. 2201.50', XR#SM808, JOINT# 831
STA. 285+58, ELEV. 2200.70', XR#SM809, JOINT# 832
STA. 286+09, ELEV. 2199.20', XR#SM810, JOINT# 833
STA. 286+59, ELEV. 2198.10', XR#SM811, JOINT# 834
STA. 287+09, ELEV. 2198.30', XR#SM812, JOINT# 835
STA. 287+59, ELEV. 2198.10', XR#SM813, JOINT# 836
STA. 288+09, ELEV. 2197.40', XR#SM814, JOINT# 837
STA. 288+59, ELEV. 2197.80', XR#SM815, JOINT# 838
STA. 289+10, ELEV. 2200.00', XR#SM816, JOINT# 839
STA. 289+59, ELEV. 2203.30', XR#SM817, JOINT# 840
STA. 290+09, ELEV. 2205.10', XR#SM818, JOINT# 841
STA. 290+59, ELEV. 2205.10', XR#SM819, JOINT# 842
STA. 291+10, ELEV. 2205.50', XR#SM820, JOINT# 843
STA. 291+60, ELEV. 2208.40', XR#SM821, JOINT# 844
STA. 292+10, ELEV. 2209.80', XR#SM822, JOINT# 845

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

– – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: SNC	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 109	SHEET No. 9 OF 149 △1

OWNERSHIP

292+50

010000237400000
PRICE, ROGER–HALVORSON SHARLO
1315 13TH AVE W
WILLISTON ND 58801
2211.43 FT
134.03 RODS

314+61

01000023720000
PRICE, ROGER–HALVORSON SHARLO
1315 13TH AVE W
WILLISTON ND 58801
1038.57 FT
62.94 RODS

325+00

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

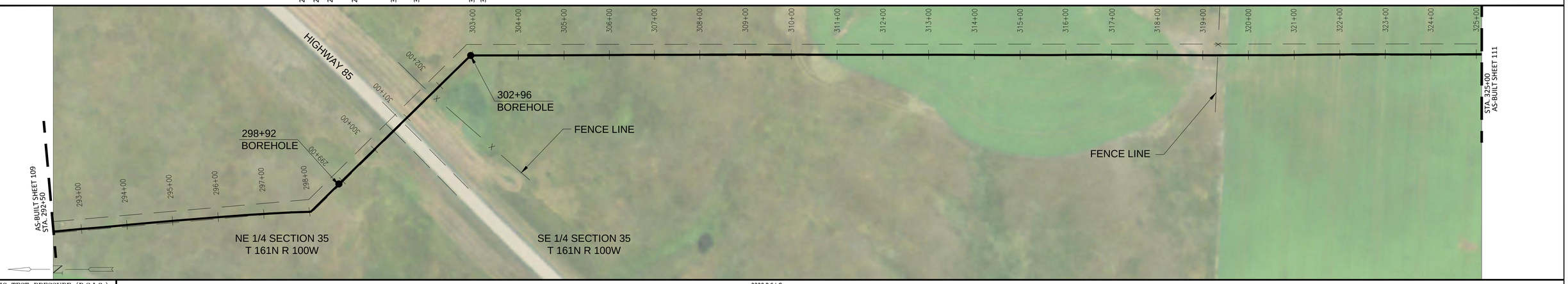
BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

STATIONING

298+00 P.I. < 5°41'52" LT.
298+03 P.I. < 35°01'50" LT.
298+92 BOREHOLE
299+09 TEST STATION
300+58 EDGE OF ASPHALT
300+86 EDGE OF ASPHALT
302+96 BOREHOLE
302+96 P.I. < 44°15'34" RT.

ALIGNMENT 1 = 100'

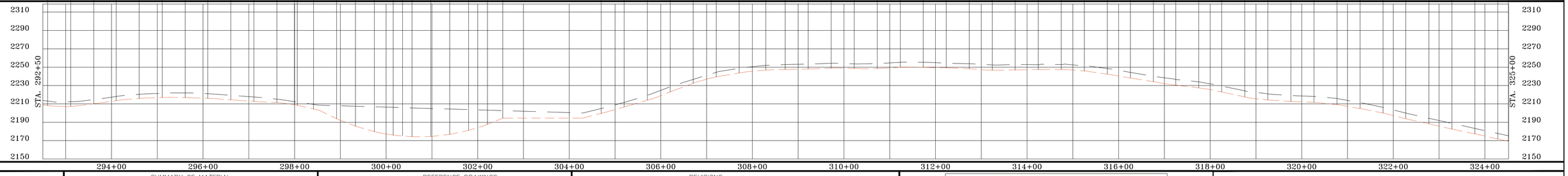


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 292+61, ELEV. 2210.60', XR#SM823, JOINT# 846
STA. 293+11, ELEV. 2207.50', XR#SM824, JOINT# 847
STA. 293+61, ELEV. 2207.80', XR#SM825, JOINT# 848
STA. 294+10, ELEV. 2211.00', XR#SM826, JOINT# 849
STA. 294+60, ELEV. 2214.50', XR#SM827, JOINT# 850
STA. 295+11, ELEV. 2216.40', XR#SM828, JOINT# 851
STA. 295+61, ELEV. 2217.30', XR#SM829, JOINT# 852
STA. 296+10, ELEV. 2216.70', XR#SM830, JOINT# 853
STA. 296+61, ELEV. 2215.80', XR#SM831, JOINT# 854
STA. 297+11, ELEV. 2213.90', XR#SM832, JOINT# 855
STA. 297+61, ELEV. 2212.20', XR#SM833, JOINT# 856
STA. 298+00, ELEV. 2211.50', XR#SMT117, JOINT# 857
STA. 298+06, ELEV. 2211.20', XR#SMT118, JOINT# F13
STA. 298+41, ELEV. 2208.60', XR#SMT119, JOINT# 858
STA. 298+92, ELEV. 2202.80', XR#SMT120, JOINT# 859
STA. 299+33, ELEV. 2193.06', XR#SMB166, JOINT# 862BR
STA. 299+74, ELEV. 2185.31', XR#SMB168, JOINT# 863BR
STA. 300+15, ELEV. 2179.57', XR#SMB170, JOINT# 864BR
STA. 300+36, ELEV. 2177.47', XR#SMT53, JOINT# 865DRA
STA. 300+57, ELEV. 2175.86', XR#SMB172, JOINT# 865BR
STA. 300+98, ELEV. 2174.18', XR#SMB171, JOINT# 866BR
STA. 301+39, ELEV. 2174.54', XR#SMB176, JOINT# 867BR
STA. 301+80, ELEV. 2176.94', XR#SMB178, JOINT# 868BR
STA. 302+21, ELEV. 2181.36', XR#NONE, JOINT# NONE
STA. 302+55, ELEV. 2186.43', XR#NONE, JOINT# NONE
STA. 304+70, ELEV. 2194.50', XR#SM834, JOINT# 879
STA. 305+20, ELEV. 2200.80', XR#SM835, JOINT# 880
STA. 305+70, ELEV. 2207.90', XR#SM836, JOINT# 881
STA. 306+20, ELEV. 2215.20', XR#SM837, JOINT# 882
STA. 306+71, ELEV. 2224.50', XR#SM838, JOINT# 883
STA. 307+21, ELEV. 22', XR#SM839, JOINT# 884
STA. 307+71, ELEV. 2240.00', XR#SM840, JOINT# 885
STA. 308+29, ELEV. 2244.80', XR#SM841, JOINT# 886
STA. 308+72, ELEV. 2246.90', XR#SM842, JOINT# 887
STA. 309+22, ELEV. 2247.50', XR#SM843, JOINT# 888
STA. 309+72, ELEV. 2248.20', XR#SM844, JOINT# 889
STA. 310+22, ELEV. 2249.10', XR#SM845, JOINT# 890
STA. 310+73, ELEV. 2248.60', XR#SM846, JOINT# 891
STA. 311+23, ELEV. 2248.60', XR#SM847, JOINT# 892
STA. 311+73, ELEV. 2250.10', XR#SM848, JOINT# 893
STA. 312+24, ELEV. 2249.80', XR#SM849, JOINT# 894
STA. 312+74, ELEV. 2249.20', XR#SM850, JOINT# 895
STA. 313+24, ELEV. 2248.10', XR#SM851, JOINT# 896
STA. 313+74, ELEV. 2246.70', XR#SM852, JOINT# 897
STA. 314+24, ELEV. 2247.00', XR#SM853, JOINT# 898
STA. 314+75, ELEV. 2247.40', XR#SM854, JOINT# 899
STA. 315+25, ELEV. 2247.50', XR#SM855, JOINT# 900
STA. 315+75, ELEV. 2245.60', XR#SM856, JOINT# 901
STA. 316+26, ELEV. 2242.00', XR#SM857, JOINT# 902
STA. 316+76, ELEV. 2237.80', XR#SM858, JOINT# 903
STA. 317+25, ELEV. 2233.90', XR#SM859, JOINT# 904
STA. 317+75, ELEV. 2230.20', XR#SM860, JOINT# 905
STA. 318+25, ELEV. 2227.10', XR#SM861, JOINT# 906
STA. 318+76, ELEV. 2222.50', XR#SM862, JOINT# 907
STA. 319+26, ELEV. 2217.10', XR#SM863, JOINT# 908
STA. 319+76, ELEV. 2214.10', XR#SM864, JOINT# 909
STA. 320+27, ELEV. 2212.50', XR#SM865, JOINT# 910
STA. 320+77, ELEV. 2211.60', XR#SM866, JOINT# 911
STA. 321+27, ELEV. 2209.00', XR#SM867, JOINT# 912
STA. 321+78, ELEV. 2204.60', XR#SM868, JOINT# 913
STA. 322+27, ELEV. 2199.70', XR#SM869, JOINT# 914
STA. 322+78, ELEV. 2193.40', XR#SM870, JOINT# 915
STA. 323+28, ELEV. 2188.00', XR#SM871, JOINT# 916
STA. 323+78, ELEV. 2182.20', XR#SM872, JOINT# 917
STA. 324+28, ELEV. 2177.10', XR#SM873, JOINT# 918
STA. 324+78, ELEV. 2171.50', XR#SM874, JOINT# 919

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
– – – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,846 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	404 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 110	SHEET No. 10 OF 149 △1

OWNERSHIP

325+00 — 328+74

010000023720000
PRICE, ROGER–HALVORSON SHARLO
1315 13TH AVE W
WILLISTON ND 58801
373.81 FT
22.66 RODS

260000008170000
WROLSON, IRREVOCABLE TRUST
7824 LOKEN LN SW
ALEXANDRIA MN 56308
2876.19 FT
174.31 RODS

357+50

STATIONING

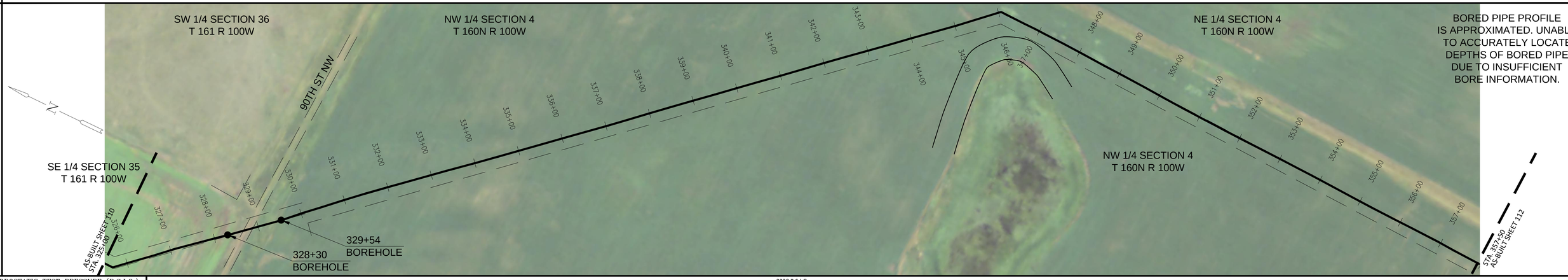
325+64 P.I. < 5°44'54" LT.
325+67 P.I. < 32°49'18" LT.
325+70 P.I. < 4°39'55" LT.
327+10 P.I. < 2°23'28" RT.
328+30 BOREHOLE
328+66 EDGE OF GRAVEL
328+88 EDGE OF GRAVEL
329+54 BOREHOLE
329+54 P.I. < 3°26'53" LT.
346+03 P.I. < 4°06'39" RT.
346+06 P.I. < 34°55'13" RT.
346+09 P.I. < 5°57'28" RT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

ALIGNMENT 1 = 100'

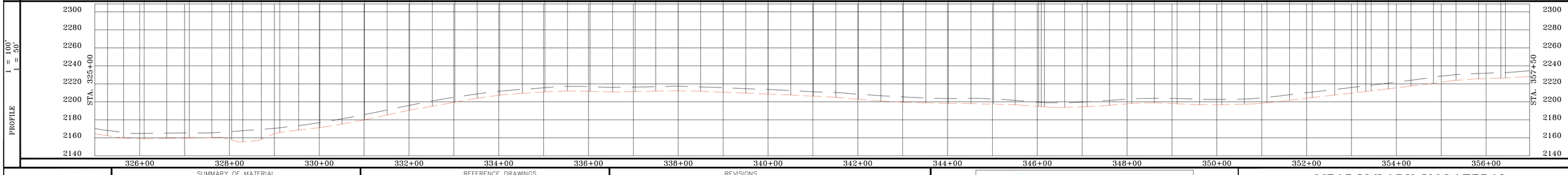


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 325+28, ELEV. 2166.50', XR#SM875, JOINT# 920
STA. 325+64, ELEV. 2163.20', XR#SMT138, JOINT# 921
STA. 326+10, ELEV. 2159.90', XR#SMT121, JOINT# 922
STA. 326+60, ELEV. 2158.70', XR#SMT122, JOINT# 923
STA. 327+10, ELEV. 2159.50', XR#SMT123, JOINT# 924
STA. 327+61, ELEV. 2159.80', XR#SMT124, JOINT# 925
STA. 328+05, ELEV. 2160.10', XR#SMT140, JOINT# 926
STA. 328+30, ELEV. 2160.60', XR#SMT141, JOINT# 927
STA. 328+71, ELEV. 2155.32', XR#SMB181, JOINT# 928BR
STA. 329+12, ELEV. 2156.86', XR#SMB182, JOINT# 929BR
STA. 329+54, ELEV. 2165.40', XR#SMT142, JOINT# 930
STA. 330+01, ELEV. 2168.50', XR#SMT125, JOINT# 931
STA. 330+51, ELEV. 2171.30', XR#SM876, JOINT# 932
STA. 331+01, ELEV. 2175.20', XR#SM877, JOINT# 933
STA. 331+51, ELEV. 2180.00', XR#SM878, JOINT# 934
STA. 332+02, ELEV. 2185.20', XR#SM879, JOINT# 935
STA. 332+52, ELEV. 2190.80', XR#SM880, JOINT# 936
STA. 333+02, ELEV. 2195.00', XR#SM881, JOINT# 937
STA. 333+52, ELEV. 2199.50', XR#SM882, JOINT# 938
STA. 334+02, ELEV. 2203.90', XR#SM883, JOINT# 939
STA. 334+53, ELEV. 2207.30', XR#SM884, JOINT# 940
STA. 335+03, ELEV. 2209.40', XR#SM885, JOINT# 941
STA. 335+53, ELEV. 2211.00', XR#SM886, JOINT# 942
STA. 336+04, ELEV. 2212.00', XR#SM887, JOINT# 943
STA. 336+54, ELEV. 2211.70', XR#SM888, JOINT# 944
STA. 337+04, ELEV. 2210.70', XR#SM889, JOINT# 945
STA. 337+50, ELEV. 2210.70', XR#SM890, JOINT# 946
STA. 338+00, ELEV. 2211.80', XR#SM891, JOINT# 947
STA. 338+50, ELEV. 2212.30', XR#SM892, JOINT# 948
STA. 339+00, ELEV. 2211.80', XR#SM893, JOINT# 949
STA. 339+50, ELEV. 2210.70', XR#SM894, JOINT# 950
STA. 340+00, ELEV. 2209.70', XR#SM895, JOINT# 951
STA. 340+50, ELEV. 2208.60', XR#SM896, JOINT# 952
STA. 341+01, ELEV. 2207.60', XR#SM897, JOINT# 953
STA. 341+51, ELEV. 2206.30', XR#SM898, JOINT# 954
STA. 342+01, ELEV. 2205.10', XR#SM899, JOINT# 955
STA. 342+51, ELEV. 2202.90', XR#SM900, JOINT# 956
STA. 343+02, ELEV. 2200.80', XR#SM901, JOINT# 957
STA. 343+52, ELEV. 2199.70', XR#SM902, JOINT# 958
STA. 344+02, ELEV. 2199.00', XR#SM903, JOINT# 959
STA. 344+52, ELEV. 2198.20', XR#SM904, JOINT# 960
STA. 345+02, ELEV. 2198.00', XR#SM905, JOINT# 961
STA. 345+52, ELEV. 2197.40', XR#SM906, JOINT# 962
STA. 346+03, ELEV. 2196.80', XR#SMT143, JOINT# 963
STA. 346+09, ELEV. 2196.60', XR#SMT144, JOINT# F16
STA. 346+16, ELEV. 2196.30', XR#SMT145, JOINT# 857
STA. 346+61, ELEV. 2194.70', XR#SM905, JOINT# 964
STA. 347+11, ELEV. 2193.90', XR#SM908, JOINT# 965
STA. 347+61, ELEV. 2194.60', XR#SM909, JOINT# 966
STA. 348+11, ELEV. 2196.00', XR#SM910, JOINT# 967
STA. 348+61, ELEV. 2198.10', XR#SM911, JOINT# 968
STA. 349+11, ELEV. 2198.90', XR#SM912, JOINT# 969
STA. 349+62, ELEV. 2197.80', XR#SM913, JOINT# 970
STA. 350+11, ELEV. 2196.80', XR#SM914, JOINT# 971
STA. 350+61, ELEV. 2196.70', XR#SM915, JOINT# 972
STA. 351+12, ELEV. 2197.30', XR#SM916, JOINT# 973
STA. 351+62, ELEV. 2198.90', XR#SM917, JOINT# 974
STA. 352+12, ELEV. 2201.60', XR#SM918, JOINT# 975
STA. 352+63, ELEV. 2204.70', XR#SM919, JOINT# 976
STA. 353+13, ELEV. 2207.40', XR#SM920, JOINT# 977
STA. 353+44, ELEV. 2209.30', XR#SM921, JOINT# 978
STA. 353+80, ELEV. 2211.30', XR#SM922, JOINT# 980
STA. 354+81, ELEV. 2217.30', XR#SM924, JOINT# 981
STA. 355+31, ELEV. 2220.30', XR#SM925, JOINT# 982
STA. 355+81, ELEV. 2223.70', XR#SM926, JOINT# 983
STA. 356+32, ELEV. 2225.50', XR#SM927, JOINT# 984
STA. 356+81, ELEV. 2226.40', XR#SM928, JOINT# 985
STA. 357+31, ELEV. 2227.70', XR#SM929, JOINT# 986

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,125 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	125 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM
PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL
AS-BUILT SHEET
DIVIDE, NORTH DAKOTA

DRAWN BY: JLD
APPROVED: MCW
SCALE: 1 = 100'
CREATION DATE: 3/1/14
APPR. DATE: 3/18/14
DWG. No.: 111
AFE No.: 2007-026
SHEET No. 11 OF 149
1

OWNERSHIP

357+50	359+26	360+36	386+85	390+00
26000008170000 WROLSON, IRREVOCABLE TRUST 7824 LOKEN LN SW ALEXANDRIA MN 56308 175.81 FT 10.66 RODS	26000008190000 WROLSON, LAURA LIFE ESTATE 11404 59TH ST NW RAY ND 58849 109.78 FT 6.65 RODS	26000008160000 KNUDSVIG, GARY & GENE 13505 89TH ST NW ALAMO ND 58830 2649.36 FT 160.57 RODS		26000008380000 KNUDSVIG, GARY & GENE 13505 89TH ST NW ALAMO ND 58830 315.05 FT 19.09 RODS

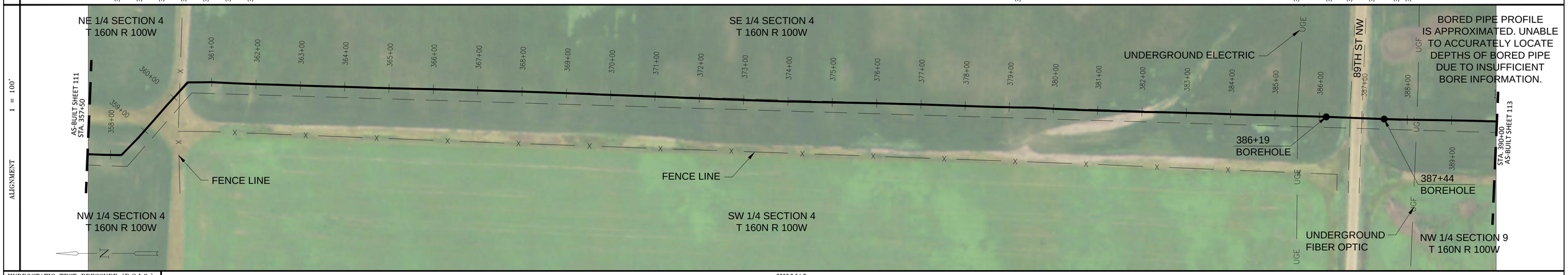
STATIONING

358+21 P.I. < 5°35'53" LT.
358+24 P.I. < 31°33'34" LT.
358+27 P.I. < 10°23'27" LT.
358+78 P.I. < 2°59'13" LT.
360+44 P.I. < 11°59'12" RT.
360+47 P.I. < 35°09'21" RT.
361+00 P.I. < 3°32'26" RT.
379+56 P.I. < 2°36'42" RT.
385+51 UNDERGROUND ELECTRIC
386+19 BOREHOLE
386+71 EDGE OF GRAVEL
386+97 EDGE OF GRAVEL
387+44 BOREHOLE
388+21 UNDERGROUND FIBER OPTIC

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



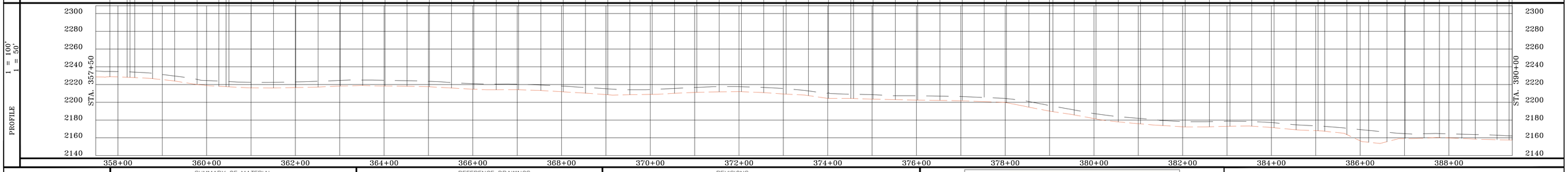
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 357+82, ELEV. 2228.80', XR#SM930, JOINT# 987
STA. 358+21, ELEV. 2228.56', XR#SMT146, JOINT# 998
STA. 358+27, ELEV. 2228.60', XR#SMT147, JOINT# F17
STA. 358+38, ELEV. 2228.80', XR#SMT148, JOINT# 588A
STA. 358+78, ELEV. 2228.20', XR#SM931, JOINT# 986
STA. 359+28, ELEV. 2226.90', XR#SM932, JOINT# 990
STA. 359+78, ELEV. 2224.20', XR#SM933, JOINT# 991
STA. 360+28, ELEV. 2220.30', XR#SMT149, JOINT# 992
STA. 360+44, ELEV. 2219.50', XR#SMT150, JOINT# 993
STA. 360+50, ELEV. 2219.00', XR#SMT151, JOINT# F18
STA. 361+00, ELEV. 2217.50', XR#SM934, JOINT# 994
STA. 361+51, ELEV. 2216.30', XR#SM935, JOINT# 995
STA. 362+01, ELEV. 2216.10', XR#SM936, JOINT# 996
STA. 362+51, ELEV. 2216.60', XR#SM937, JOINT# 997
STA. 363+01, ELEV. 2217.10', XR#SM938, JOINT# 998
STA. 363+52, ELEV. 2218.30', XR#SM939, JOINT# 999
STA. 364+02, ELEV. 2219.00', XR#SM940, JOINT# 1000
STA. 364+52, ELEV. 2218.40', XR#SM941, JOINT# 1001
STA. 365+02, ELEV. 2218.10', XR#SM942, JOINT# 1002
STA. 365+52, ELEV. 2217.60', XR#SM943, JOINT# 1003
STA. 366+02, ELEV. 2216.20', XR#SM944, JOINT# 1004
STA. 366+53, ELEV. 2214.80', XR#SM945, JOINT# 1005
STA. 367+03, ELEV. 2214.10', XR#SM946, JOINT# 1006
STA. 367+53, ELEV. 2214.20', XR#SM947, JOINT# 1007
STA. 368+04, ELEV. 2213.40', XR#SM948, JOINT# 1008
STA. 368+54, ELEV. 2211.90', XR#SM953, JOINT# 1009
STA. 369+04, ELEV. 2210.40', XR#SM954, JOINT# 1010
STA. 369+54, ELEV. 2208.70', XR#SM955, JOINT# 1011
STA. 370+04, ELEV. 2208.50', XR#SM956, JOINT# 1012
STA. 370+55, ELEV. 2208.90', XR#SM957, JOINT# 1013
STA. 371+05, ELEV. 2210.10', XR#SM958, JOINT# 1014
STA. 371+55, ELEV. 2211.20', XR#SM959, JOINT# 1015
STA. 372+05, ELEV. 2211.80', XR#SM960, JOINT# 1016
STA. 372+56, ELEV. 2212.00', XR#SM961, JOINT# 1017
STA. 373+06, ELEV. 2211.00', XR#SM962, JOINT# 1018
STA. 373+57, ELEV. 2209.30', XR#SM963, JOINT# 1019
STA. 374+02, ELEV. 2208.20', XR#SM964, JOINT# 1020
STA. 374+52, ELEV. 2204.50', XR#SMT142, JOINT# 1021
STA. 374+58, ELEV. 2204.40', XR#SMT143, JOINT# 993A
STA. 375+02, ELEV. 2204.40', XR#SM965, JOINT# 1022
STA. 375+52, ELEV. 2203.60', XR#SM966, JOINT# 1023
STA. 376+03, ELEV. 2203.00', XR#SM967, JOINT# 1024
STA. 376+53, ELEV. 2202.50', XR#SM968, JOINT# 1025
STA. 377+03, ELEV. 2202.20', XR#SM969, JOINT# 1026
STA. 377+53, ELEV. 2201.70', XR#SM970, JOINT# 1027
STA. 378+03, ELEV. 2206.10', XR#SM971, JOINT# 1028
STA. 378+53, ELEV. 2199.90', XR#SM972, JOINT# 1029
STA. 379+00, ELEV. 2195.40', XR#SMT128, JOINT# 1030A
STA. 379+07, ELEV. 2194.60', XR#SMT129, JOINT# 629A
STA. 379+56, ELEV. 2190.00', XR#SM974, JOINT# 1031
STA. 380+05, ELEV. 2186.30', XR#SM975, JOINT# 1032
STA. 380+55, ELEV. 2181.70', XR#SM976, JOINT# 1033
STA. 381+05, ELEV. 2178.20', XR#SM977, JOINT# 1034
STA. 381+55, ELEV. 2175.90', XR#SM978, JOINT# 1035
STA. 382+06, ELEV. 2174.00', XR#SM979, JOINT# 1036
STA. 382+60, ELEV. 2172.20', XR#SM980, JOINT# 1037
STA. 383+06, ELEV. 2172.30', XR#SM981, JOINT# 1038
STA. 383+56, ELEV. 2173.00', XR#SM982, JOINT# 1039
STA. 384+06, ELEV. 2173.3', XR#SM983, JOINT# 1040
STA. 384+56, ELEV. 2171.60', XR#SM984, JOINT# 1041
STA. 385+05, ELEV. 2169.30', XR#SMT157, JOINT# 1042
STA. 385+20, ELEV. 2168.70', XR#SM984, JOINT# 1043
STA. 385+70, ELEV. 2167.70', XR#SM986, JOINT# 1044
STA. 386+19, ELEV. 2165.10', XR#SMT154, JOINT# 1045
STA. 386+61, ELEV. 2155.77', XR#SMB184, JOINT# 1046BR
STA. 387+02, ELEV. 2153.62', XR#SMB185, JOINT# 1047BR
STA. 387+44, ELEV. 2159.00', XR#SMT155, JOINT# 1048BR
STA. 387+79, ELEV. 2159.20', XR#SM987, JOINT# 1049
STA. 388+29, ELEV. 2160.30', XR#SM990, JOINT# 1050
STA. 388+60, ELEV. 2159.90', XR#SMT156, JOINT# 1051
STA. 389+09, ELEV. 2158.70', XR#SM988, JOINT# 1052
STA. 389+42, ELEV. 2158.10', XR#SM989, JOINT# 1053
STA. 389+92, ELEV. 2157.50', XR#SM991, JOINT# 1054

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,125 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	125 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 112	SHEET No. 12 OF 149 △1

OWNERSHIP

390+00

260000083800000
KNUDSVIG, GARY & GENE
13505 89TH ST NW
ALAMO ND 58830
2345.11 FT
142.13 RODS

413+45

260000083900000
KNUDSVIG, GARY & GENE
13505 89TH ST NW
ALAMO ND 58830
904.89 FT
54.84 RODS

422+50

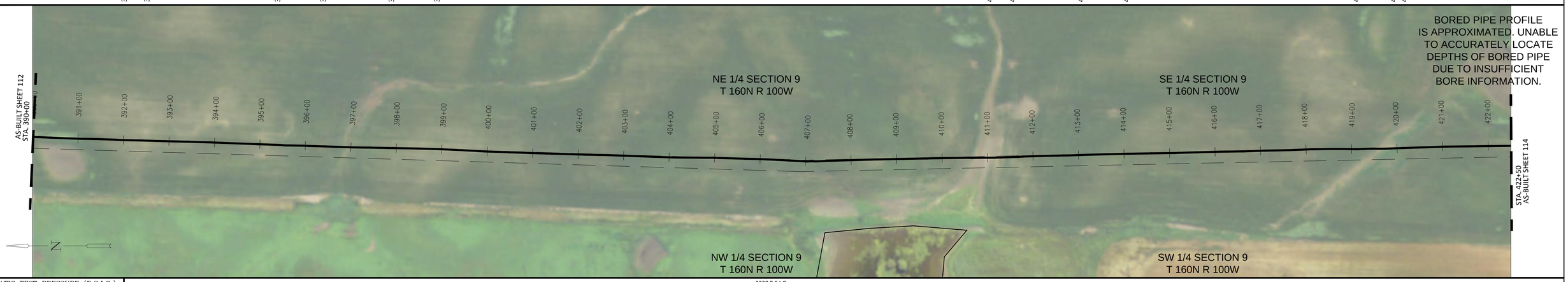
STATIONING

391+83 P.I. < 2°28'15" RT.
391+92 P.I. < 3°02'23" LT.
395+44 P.I. < 2°27'12" RT.
395+56 P.I. < 3°18'07" LT.
396+95 P.I. < 3°39'48" RT.
397+00 P.I. < 2°58'39" LT.
410+58 P.I. < 2°54'34" RT.
410+66 P.I. < 3°30'22" LT.
411+67 P.I. < 2°27'19" LT.
411+78 P.I. < 2°58'54" RT.
419+13 P.I. < 2°20'31" LT.
419+46 P.I. < 2°50'12" RT.
419+63 P.I. < 2°22'36" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



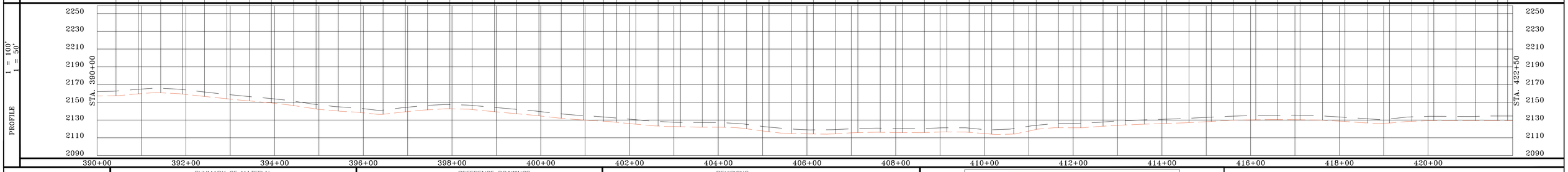
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 390+43, ELEV. 2157.00', XR#SM992, JOINT# 1055
STA. 390+93, ELEV. 2157.30', XR#SM993, JOINT# 1056
STA. 391+43, ELEV. 2159.30', XR#SM994, JOINT# 1057
STA. 391+92, ELEV. 2160.90', XR#SM995, JOINT# 1058
STA. 392+42, ELEV. 2159.70', XR#SM996, JOINT# 1059
STA. 392+92, ELEV. 2157.00', XR#SM997, JOINT# 1060
STA. 393+43, ELEV. 2154.30', XR#SM998, JOINT# 1061
STA. 393+93, ELEV. 2151.80', XR#SM999, JOINT# 1062
STA. 394+43, ELEV. 2149.70', XR#SM1000, JOINT# 1063
STA. 394+94, ELEV. 2146.80', XR#SM1001, JOINT# 1064
STA. 395+44, ELEV. 2143.10', XR#SM1002, JOINT# 1065
STA. 395+94, ELEV. 2140.60', XR#SM1003, JOINT# 1066
STA. 396+45, ELEV. 2138.80', XR#SM1004, JOINT# 1067
STA. 396+95, ELEV. 2136.40', XR#SM1005, JOINT# 1068
STA. 397+45, ELEV. 2138.90', XR#SM1006, JOINT# 1069
STA. 397+95, ELEV. 2141.30', XR#SM1007, JOINT# 1070
STA. 398+45, ELEV. 2142.70', XR#SM1008, JOINT# 1071
STA. 398+96, ELEV. 2142.20', XR#SM1009, JOINT# 1072
STA. 399+46, ELEV. 2139.80', XR#SM1010, JOINT# 1073
STA. 399+96, ELEV. 2137.50', XR#SM1011, JOINT# 1074
STA. 400+46, ELEV. 2135.20', XR#SM1012, JOINT# 1075
STA. 400+96, ELEV. 2132.40', XR#SM1013, JOINT# 1076
STA. 401+41, ELEV. 2130.50', XR#SM1014, JOINT# 1077
STA. 401+71, ELEV. 2129.60', XR#SM1015, JOINT# 1078
STA. 402+14, ELEV. 2128.20', XR#SM1016, JOINT# 1079
STA. 402+64, ELEV. 2125.70', XR#SM1017, JOINT# 1080
STA. 403+15, ELEV. 2123.50', XR#SM1018, JOINT# 1081
STA. 403+64, ELEV. 2122.60', XR#SM1019, JOINT# 1082
STA. 404+15, ELEV. 2122.00', XR#SM1020, JOINT# 1083
STA. 404+64, ELEV. 2122.00', XR#SM1021, JOINT# 1084
STA. 405+15, ELEV. 2120.70', XR#SM1022, JOINT# 1085
STA. 405+65, ELEV. 2117.30', XR#SM1023, JOINT# 1086
STA. 406+14, ELEV. 2115.00', XR#SM1024, JOINT# 1087
STA. 406+65, ELEV. 2114.40', XR#SM1025, JOINT# 1088
STA. 407+15, ELEV. 2114.40', XR#SM1026, JOINT# 1089
STA. 407+65, ELEV. 2115.80', XR#SM1027, JOINT# 1090
STA. 408+15, ELEV. 2116.30', XR#SM1028, JOINT# 1091
STA. 408+65, ELEV. 2115.90', XR#SM1029, JOINT# 1092
STA. 409+15, ELEV. 2115.80', XR#SM1030, JOINT# 1093
STA. 409+66, ELEV. 2116.60', XR#SM1031, JOINT# 1094
STA. 410+16, ELEV. 2116.50', XR#SM1032, JOINT# 1095
STA. 410+66, ELEV. 2114.50', XR#SM1033, JOINT# 1096
STA. 411+17, ELEV. 2114.10', XR#SM1034, JOINT# 1097
STA. 411+67, ELEV. 2118.40', XR#SM1035, JOINT# 1098
STA. 412+17, ELEV. 2121.40', XR#SM1036, JOINT# 1099
STA. 412+67, ELEV. 2121.30', XR#SM1037, JOINT# 1100
STA. 413+18, ELEV. 2122.80', XR#SM1038, JOINT# 1101
STA. 413+60, ELEV. 2124.10', XR#SM1039, JOINT# 1102
STA. 414+11, ELEV. 2125.20', XR#SM1040, JOINT# 1103
STA. 414+61, ELEV. 2126.00', XR#SM1041, JOINT# 1104
STA. 415+11, ELEV. 2126.90', XR#SM1042, JOINT# 1105
STA. 415+61, ELEV. 2128.10', XR#SM1043, JOINT# 1106
STA. 416+12, ELEV. 2129.80', XR#SM1044, JOINT# 1107
STA. 416+61, ELEV. 2130.20', XR#SM1045, JOINT# 1108
STA. 417+12, ELEV. 2130.50', XR#SM1046, JOINT# 1109
STA. 417+62, ELEV. 2130.30', XR#SM1047, JOINT# 1110
STA. 418+12, ELEV. 2130.10', XR#SM1048, JOINT# 1111
STA. 418+63, ELEV. 2128.70', XR#SM1049, JOINT# 1112
STA. 419+13, ELEV. 2127.00', XR#SM1050, JOINT# 1113
STA. 419+63, ELEV. 2126.40', XR#SM1051, JOINT# 1114
STA. 420+13, ELEV. 2128.40', XR#SM1052, JOINT# 1115
STA. 420+63, ELEV. 2129.40', XR#SMT135, JOINT# 1116
STA. 421+07, ELEV. 2129.60', XR#SM1053, JOINT# 1117
STA. 421+57, ELEV. 2129.30', XR#SM1054, JOINT# 1118
STA. 422+03, ELEV. 2129.50', XR#SM1055, JOINT# 1119

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 113	SHEET No. 13 OF 149 △1

OWNERSHIP

422+50

26000008390000
KNUDSVIG, GARY & GENE
13505 89TH ST NW
ALAMO ND 58830
1735.75 FT
105.20 RODS

439+86

26000008740000
KNUDSVIG, GENE & ROXI
13505 89TH ST NW
ALAMO ND 58830
1514.25 FT
91.77 RODS

455+00

STATIONING

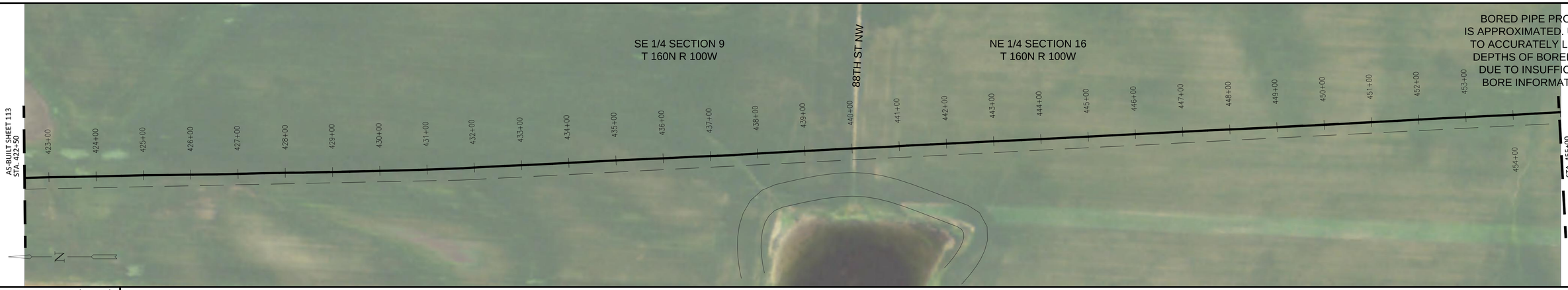
437+50 P.I. < 3°19'22" LT.

437+66 P.I. < 2°04'56" RT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



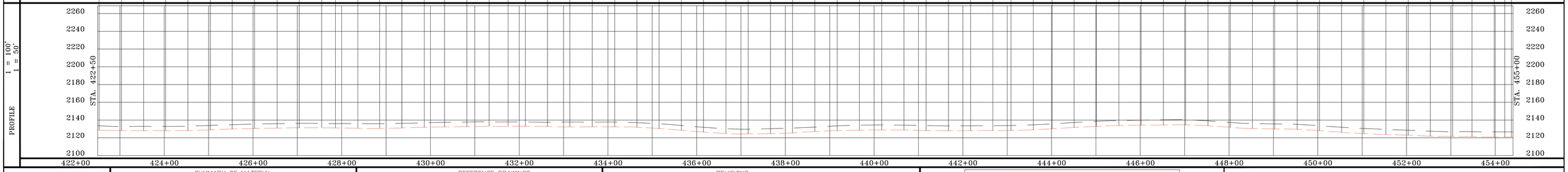
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 422+53, ELEV. 2129.50', XR#SM1056, JOINT# 1120
STA. 423+03, ELEV. 2128.80', XR#SM1057, JOINT# 1121
STA. 423+54, ELEV. 2128.10', XR#SM1058, JOINT# 1122
STA. 424+03, ELEV. 2128.00', XR#SM1059, JOINT# 1123
STA. 424+53, ELEV. 2128.00', XR#SM1060, JOINT# 1124
STA. 425+04, ELEV. 2128.00', XR#SM1061, JOINT# 1125
STA. 425+53, ELEV. 2128.80', XR#SM1062, JOINT# 1126
STA. 426+03, ELEV. 2129.80', XR#SM1063, JOINT# 1127
STA. 426+54, ELEV. 2130.40', XR#SM1064, JOINT# 1128
STA. 427+04, ELEV. 2130.90', XR#SM1065, JOINT# 1129
STA. 427+55, ELEV. 2131.30', XR#SM1066, JOINT# 1130
STA. 427+86, ELEV. 2131.30', XR#SM1067, JOINT# 1131
STA. 428+36, ELEV. 2131.20', XR#SM1068, JOINT# 1132
STA. 428+86, ELEV. 2131.00', XR#SM1069, JOINT# 1133
STA. 429+36, ELEV. 2130.50', XR#SM1070, JOINT# 1134
STA. 429+86, ELEV. 2131.00', XR#SM1071, JOINT# 1135
STA. 430+32, ELEV. 2131.70', XR#SM1072, JOINT# 1136
STA. 430+82, ELEV. 2132.10', XR#SM1073, JOINT# 1137
STA. 431+32, ELEV. 2132.60', XR#SM1074, JOINT# 1138
STA. 431+75, ELEV. 2132.90', XR#SM1075, JOINT# 1139
STA. 432+14, ELEV. 2132.70', XR#SM1076, JOINT# 1140
STA. 432+64, ELEV. 2133.10', XR#SM1077, JOINT# 1141
STA. 433+14, ELEV. 2132.80', XR#SM1078, JOINT# 1142
STA. 433+65, ELEV. 2132.30', XR#SM1079, JOINT# 1143
STA. 434+15, ELEV. 2132.40', XR#SM1080, JOINT# 1144
STA. 434+65, ELEV. 2132.50', XR#SM1081, JOINT# 1145
STA. 435+15, ELEV. 2132.20', XR#SM1082, JOINT# 1146
STA. 435+65, ELEV. 2130.80', XR#SM1083, JOINT# 1147
STA. 436+15, ELEV. 2128.90', XR#SM1084, JOINT# 1148
STA. 436+66, ELEV. 2126.70', XR#SM1085, JOINT# 1149
STA. 437+16, ELEV. 2125.10', XR#SM1086, JOINT# 1150
STA. 437+66, ELEV. 2124.20', XR#SM1087, JOINT# 1151
STA. 438+16, ELEV. 2124.60', XR#SM1088, JOINT# 1152
STA. 438+67, ELEV. 2125.20', XR#SM1089, JOINT# 1153
STA. 439+17, ELEV. 2126.90', XR#SM1090, JOINT# 1154
STA. 439+67, ELEV. 2128.00', XR#SM1091, JOINT# 1155
STA. 440+17, ELEV. 2128.40', XR#SM1092, JOINT# 1156
STA. 440+67, ELEV. 2128.90', XR#SM1093, JOINT# 1157
STA. 441+17, ELEV. 2128.80', XR#SM1094, JOINT# 1158
STA. 441+68, ELEV. 2128.20', XR#SM1095, JOINT# 1159
STA. 442+18, ELEV. 2127.90', XR#SM1096, JOINT# 1160
STA. 442+68, ELEV. 2128.00', XR#SM1097, JOINT# 1161
STA. 443+09, ELEV. 2128.10', XR#SM1098, JOINT# 1162
STA. 443+59, ELEV. 2128.10', XR#SM1099, JOINT# 1163
STA. 444+01, ELEV. 2128.70', XR#SM1100, JOINT# 1164
STA. 444+51, ELEV. 2129.90', XR#SM1101, JOINT# 1165
STA. 445+01, ELEV. 2131.40', XR#SM1102, JOINT# 1166
STA. 445+52, ELEV. 2132.70', XR#SM1103, JOINT# 1167
STA. 446+02, ELEV. 2133.80', XR#SM1104, JOINT# 1168
STA. 446+52, ELEV. 2134.20', XR#SM1105, JOINT# 1169
STA. 447+02, ELEV. 2134.40', XR#SM1106, JOINT# 1170
STA. 447+52, ELEV. 2134.80', XR#SM1107, JOINT# 1171
STA. 448+03, ELEV. 2133.80', XR#SM1108, JOINT# 1172
STA. 448+53, ELEV. 2132.20', XR#SM1109, JOINT# 1173
STA. 449+03, ELEV. 2130.60', XR#SM1110, JOINT# 1174
STA. 449+54, ELEV. 2130.00', XR#SM1111, JOINT# 1175
STA. 450+04, ELEV. 2129.80', XR#SM1112, JOINT# 1176
STA. 450+54, ELEV. 2128.40', XR#SM1113, JOINT# 1177
STA. 451+04, ELEV. 2126.60', XR#SM1114, JOINT# 1178
STA. 451+54, ELEV. 2125.00', XR#SM1115, JOINT# 1179
STA. 452+04, ELEV. 2123.80', XR#SM1116, JOINT# 1180
STA. 452+54, ELEV. 2123.20', XR#SM1117, JOINT# 1181
STA. 453+04, ELEV. 2122.00', XR#SM1118, JOINT# 1182
STA. 453+47, ELEV. 2121.50', XR#SM1119, JOINT# 1183
STA. 453+98, ELEV. 2121.30', XR#SM1120, JOINT# 1184
STA. 454+48, ELEV. 2120.90', XR#SM1121, JOINT# 1185
STA. 454+98, ELEV. 2121.00', XR#SM1122, JOINT# 1186

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 114	SHEET No. 14 OF 149

1

OWNERSHIP

455+00

26000008740000
KNUDSVIG, GENE & ROXI
13505 89TH ST NW
ALAMO ND 58830
1340.73 FT
81.26 RODS

468+41

26000008742000
STATE OF NORTH DAKOTA
PO BOX 5523
BISMARCK ND 58502
1909.27 FT
115.71 RODS

487+50

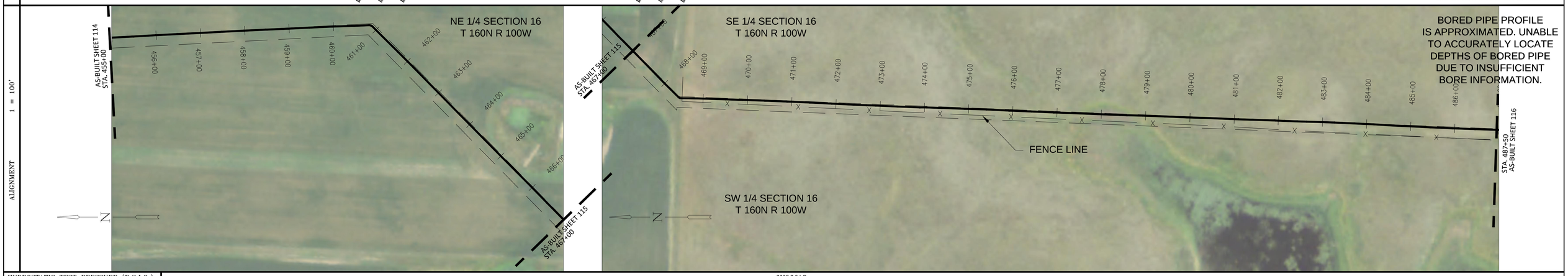
STATIONING

460+82 P.I. < 16°24'19" RT.
460+85 P.I. < 12°19'15" RT.
460+88 P.I. < 18°29'29" RT.
468+44 P.I. < 10°03'06" LT.
468+47 P.I. < 27°37'06" LT.
468+50 P.I. < 5°58'31" LT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

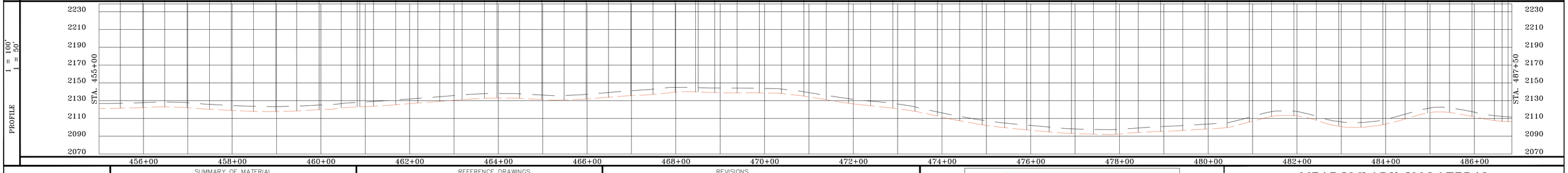


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 455+48, ELEV. 2121.10', XR#SM1123, JOINT# 1187
STA. 455+99, ELEV. 2121.30', XR#SM1124, JOINT# 1188
STA. 456+48, ELEV. 2122.10', XR#SM1125, JOINT# 1189
STA. 456+98, ELEV. 2123.00', XR#SM1126, JOINT# 1190
STA. 457+49, ELEV. 2122.50', XR#SM1127, JOINT# 1191
STA. 457+98, ELEV. 2120.60', XR#SM1128, JOINT# 1192
STA. 458+48, ELEV. 2119.20', XR#SM1129, JOINT# 1193
STA. 458+98, ELEV. 2118.10', XR#SM1130, JOINT# 1194
STA. 459+45, ELEV. 2117.70', XR#SM1131, JOINT# 1195
STA. 459+96, ELEV. 2118.20', XR#SM1132, JOINT# 1196
STA. 460+46, ELEV. 2119.60', XR#SM1133, JOINT# 1197
STA. 460+82, ELEV. 2120.30', XR#SMT158, JOINT# 1198
STA. 460+86, ELEV. 2120.50', XR#SMT159, JOINT# F20
STA. 461+19, ELEV. 2122.40', XR#SM1134, JOINT# 1198T
STA. 461+69, ELEV. 2123.40', XR#SM1135, JOINT# 1199
STA. 462+19, ELEV. 2125.00', XR#SM1136, JOINT# 1200
STA. 462+68, ELEV. 2126.90', XR#SM1137, JOINT# 1201
STA. 463+18, ELEV. 2128.80', XR#SM1138, JOINT# 1202
STA. 463+69, ELEV. 2130.70', XR#SM1139, JOINT# 1203
STA. 463+97, ELEV. 2131.80', XR#SM1140, JOINT# 1204
STA. 464+48, ELEV. 2133.00', XR#SM1141, JOINT# 1205
STA. 464+98, ELEV. 2132.80', XR#SM1142, JOINT# 1206
STA. 465+48, ELEV. 2131.60', XR#SM1143, JOINT# 1207
STA. 465+98, ELEV. 2130.70', XR#SM1144, JOINT# 1208
STA. 466+48, ELEV. 2131.50', XR#SM1145, JOINT# 1209
STA. 466+98, ELEV. 2133.40', XR#SM1146, JOINT# 1210
STA. 467+49, ELEV. 2135.40', XR#SM1147, JOINT# 1211
STA. 467+99, ELEV. 2136.50', XR#SM1148, JOINT# 1212
STA. 468+44, ELEV. 2138.80', XR#SMT160, JOINT# 1213
STA. 468+50, ELEV. 2139.30', XR#SMT161, JOINT# F21
STA. 468+88, ELEV. 2140.20', XR#SM1149, JOINT# 1214
STA. 469+38, ELEV. 2139.20', XR#SM1150, JOINT# 1215
STA. 469+88, ELEV. 2138.70', XR#SM1151, JOINT# 1216
STA. 470+38, ELEV. 2138.90', XR#SM1152, JOINT# 1217
STA. 470+89, ELEV. 2138.40', XR#SM1153, JOINT# 1218
STA. 471+39, ELEV. 2135.90', XR#SM1154, JOINT# 1219
STA. 471+89, ELEV. 2131.90', XR#SM1155, JOINT# 1220
STA. 472+39, ELEV. 2127.80', XR#SM1156, JOINT# 1221
STA. 472+89, ELEV. 2124.80', XR#SM1157, JOINT# 1222
STA. 473+39, ELEV. 2122.20', XR#SM1158, JOINT# 1223
STA. 473+90, ELEV. 2118.90', XR#SM1159, JOINT# 1224
STA. 474+40, ELEV. 2114.00', XR#SM1160, JOINT# 1225
STA. 474+91, ELEV. 2108.40', XR#SM1161, JOINT# 1226
STA. 475+41, ELEV. 2103.90', XR#SM1162, JOINT# 1227
STA. 475+91, ELEV. 2100.30', XR#SM1163, JOINT# 1228
STA. 476+41, ELEV. 2097.70', XR#SM1164, JOINT# 1229
STA. 476+92, ELEV. 2095.30', XR#SM1165, JOINT# 1230
STA. 477+41, ELEV. 2093.40', XR#SM1166, JOINT# 1231
STA. 477+92, ELEV. 2092.50', XR#SM1167, JOINT# 1232
STA. 478+42, ELEV. 2091.90', XR#SM1168, JOINT# 1233
STA. 478+93, ELEV. 2093.90', XR#SM1169, JOINT# 1234
STA. 479+43, ELEV. 2095.20', XR#SM1170, JOINT# 1235
STA. 479+93, ELEV. 2096.10', XR#SM1171, JOINT# 1236
STA. 480+43, ELEV. 2097.60', XR#SM1172, JOINT# 1237
STA. 480+93, ELEV. 2099.10', XR#SM1173, JOINT# 1238
STA. 481+43, ELEV. 2104.30', XR#SM1174, JOINT# 1239
STA. 481+93, ELEV. 2110.90', XR#SM1175, JOINT# 1240
STA. 482+44, ELEV. 2113.50', XR#SM1176, JOINT# 1241
STA. 482+94, ELEV. 2109.90', XR#SM1200, JOINT# 1242
STA. 483+44, ELEV. 2102.50', XR#SM1177, JOINT# 1243
STA. 483+94, ELEV. 2100.00', XR#SM1178, JOINT# 1244
STA. 484+44, ELEV. 2101.80', XR#SM1179, JOINT# 1245
STA. 484+94, ELEV. 2107.40', XR#SM1180, JOINT# 1246
STA. 485+44, ELEV. 2114.60', XR#SM1181, JOINT# 1247
STA. 485+94, ELEV. 2117.30', XR#SM1182, JOINT# 1248
STA. 486+45, ELEV. 2113.70', XR#SM1183, JOINT# 1249
STA. 486+95, ELEV. 2108.70', XR#SM1184, JOINT# 1250
STA. 487+45, ELEV. 2106.30', XR#SM1185, JOINT# 1251

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 115	SHEET No. 15 OF 149

1

OWNERSHIP

487+50 — 494+91 — 520+00

26000008742000
STATE OF NORTH DAKOTA
PO BOX 5523
BISMARCK ND 58502
740.66 FT
44.89 RODS

26000008980000
AMUNDSON, ROBERT & SUSAN
713 17TH ST W
WILLISTON ND 58801
2509.34 FT
152.08 RODS

STATIONING

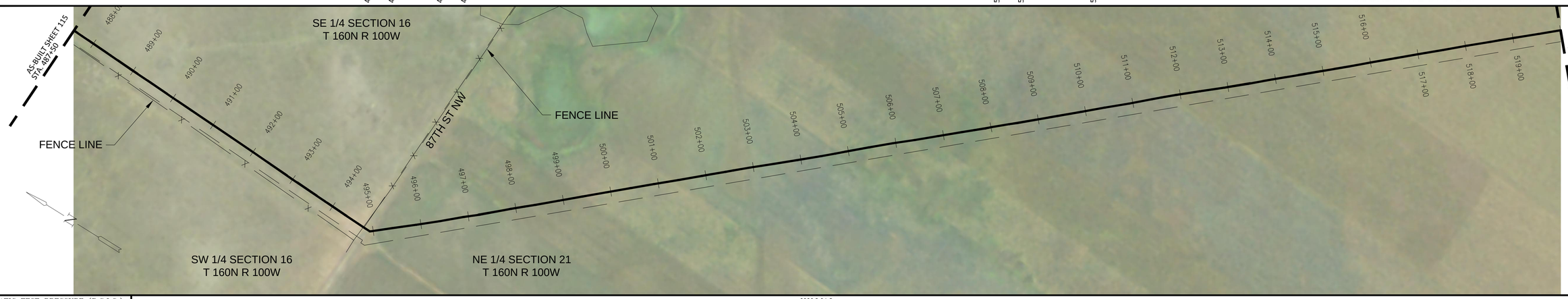
494+92 P.I. < 23°50'47" LT.
494+94 P.I. < 16°22'53" LT.
496+90 P.I. < 2°05'17" RT.
497+24 P.I. < 2°46'50" LT.
507+89 P.I. < 2°38'15" LT.
508+02 P.I. < 2°01'54" RT.
508+56 P.I. < 2°06'25" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

ALIGNMENT 1 = 100'

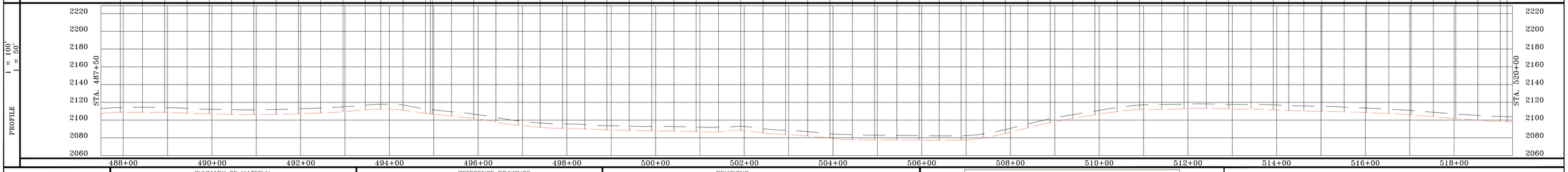


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 487+94, ELEV. 2106.70', XR#SM1186, JOINT# 1252
STA. 488+44, ELEV. 2108.50', XR#SM1187, JOINT# 1253
STA. 488+94, ELEV. 2108.80', XR#SM1188, JOINT# 1254
STA. 489+44, ELEV. 2108.70', XR#SM1189, JOINT# 1255
STA. 489+94, ELEV. 2108.00', XR#SM1190, JOINT# 1256
STA. 490+44, ELEV. 2107.20', XR#SM1191, JOINT# 1257
STA. 490+95, ELEV. 2106.50', XR#SM1192, JOINT# 1258
STA. 491+45, ELEV. 2106.10', XR#SM1193, JOINT# 1259
STA. 491+95, ELEV. 2106.20', XR#SM1194, JOINT# 1260
STA. 492+45, ELEV. 2106.70', XR#SM1195, JOINT# 1261
STA. 492+96, ELEV. 2107.70', XR#SM1196, JOINT# 1262
STA. 493+46, ELEV. 2108.80', XR#SM1197, JOINT# 1263
STA. 493+81, ELEV. 2110.10', XR#SM1198, JOINT# 1264
STA. 494+31, ELEV. 2112.30', XR#SM1199, JOINT# 1265
STA. 494+81, ELEV. 2111.90', XR#SMT162, JOINT# 1267
STA. 494+92, ELEV. 2111.70', XR#SMT163, JOINT# 1214A
STA. 494+97, ELEV. 2111.00', XR#SMT164, JOINT# F22
STA. 495+40, ELEV. 2108.10', XR#SM1201, JOINT# 1268
STA. 495+90, ELEV. 2105.40', XR#SM1202, JOINT# 1269
STA. 496+40, ELEV. 2102.60', XR#SM1203, JOINT# 1270
STA. 496+90, ELEV. 2099.40', XR#SM1204, JOINT# 1271
STA. 497+40, ELEV. 2095.00', XR#SM1205, JOINT# 1272
STA. 497+90, ELEV. 2092.60', XR#SM1206, JOINT# 1273
STA. 498+40, ELEV. 2090.80', XR#SM1207, JOINT# 1274
STA. 498+91, ELEV. 2090.20', XR#SM1208, JOINT# 1275
STA. 499+41, ELEV. 2089.20', XR#SM1209, JOINT# 1276
STA. 499+91, ELEV. 2088.40', XR#SM1210, JOINT# 1277
STA. 500+42, ELEV. 2087.90', XR#SM1211, JOINT# 1278
STA. 500+92, ELEV. 2087.70', XR#SM1212, JOINT# 1279
STA. 501+42, ELEV. 2087.30', XR#SM1213, JOINT# 1280
STA. 501+92, ELEV. 2086.40', XR#SM1214, JOINT# 1281
STA. 502+42, ELEV. 2088.20', XR#SM1215, JOINT# 1282
STA. 502+93, ELEV. 2086.40', XR#SM1216, JOINT# 1283
STA. 503+43, ELEV. 2084.20', XR#SM1217, JOINT# 1284
STA. 503+93, ELEV. 2082.90', XR#SM1218, JOINT# 1285
STA. 504+44, ELEV. 2080.50', XR#SM1219, JOINT# 1286
STA. 504+94, ELEV. 2078.30', XR#SM1220, JOINT# 1287
STA. 505+44, ELEV. 2077.70', XR#SM1221, JOINT# 1288
STA. 505+94, ELEV. 2077.80', XR#SM1222, JOINT# 1289
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STA. 506+89, ELEV. 2077.20', XR#SM1224, JOINT# 1291
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STA. 510+41, ELEV. 2104.60', XR#SM1231, JOINT# 1298
STA. 510+91, ELEV. 2108.50', XR#SM1232, JOINT# 1299
STA. 511+41, ELEV. 2111.40', XR#SM1233, JOINT# 1300
STA. 511+91, ELEV. 2112.10', XR#SM1234, JOINT# 1301
STA. 512+41, ELEV. 2112.20', XR#SM1235, JOINT# 1302
STA. 512+92, ELEV. 2113.30', XR#SM1236, JOINT# 1303
STA. 513+42, ELEV. 2112.80', XR#SM1237, JOINT# 1304
STA. 513+92, ELEV. 2112.20', XR#SM1238, JOINT# 1305
STA. 514+27, ELEV. 2112.20', XR#SM1239, JOINT# 1306
STA. 514+61, ELEV. 2111.50', XR#SM1240, JOINT# 1307
STA. 515+02, ELEV. 2110.40', XR#SM1241, JOINT# 1308
STA. 515+52, ELEV. 2109.90', XR#SM1242, JOINT# 1309
STA. 516+03, ELEV. 2109.60', XR#SM1243, JOINT# 1310
STA. 516+53, ELEV. 2108.70', XR#SM1244, JOINT# 1311
STA. 517+03, ELEV. 2107.70', XR#SM1245, JOINT# 1312
STA. 517+53, ELEV. 2106.50', XR#SM1246, JOINT# 1313
STA. 518+04, ELEV. 2104.60', XR#SM1247, JOINT# 1314
STA. 518+54, ELEV. 2102.30', XR#SM1248, JOINT# 1315
STA. 519+04, ELEV. 2100.40', XR#SM1249, JOINT# 1316
STA. 519+54, ELEV. 2098.70', XR#SM1250, JOINT# 1317

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 116	SHEET No. 16 OF 149 △1

OWNERSHIP

520+00 — 532+06 — 552+50

26000008980000
AMUNDSON, ROBERT & SUSAN
713 17TH ST W
WILLISTON ND 58801
1206.49 FT
73.12 RODS

26000008990000
AMUNDSON, ROBERT & SUSAN
713 17TH ST W
WILLISTON ND 58801
2043.51 FT
123.85 RODS

STATIONING

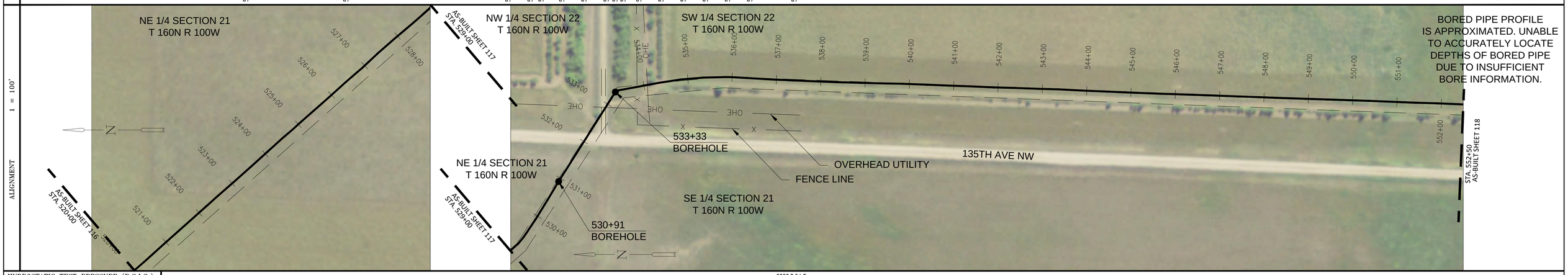
524+84 P.I. < 2°20'28" LT.
526+91 P.I. < 2°46'47" LT.
529+25 P.I. < 9°07'31" LT.
529+42 P.I. < 4°22'12" LT.
530+91 BOREHOLE
532+74 EDGE OF GRAVEL
532+91 EDGE OF GRAVEL
532+91 OVERHEAD ELECTRIC
533+12 TEST STATION
533+33 BOREHOLE
533+35 P.I. < 27°59'35" RT.
533+37 P.I. < 17°59'25" RT.
534+08 OVERHEAD ELECTRIC
534+85 P.I. < 4°02'29" RT.
535+35 P.I. < 3°15'39" RT.
535+86 P.I. < 2°12'31" RT.
535+98 P.I. < 2°15'00" RT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

ALIGNMENT 1 = 100'

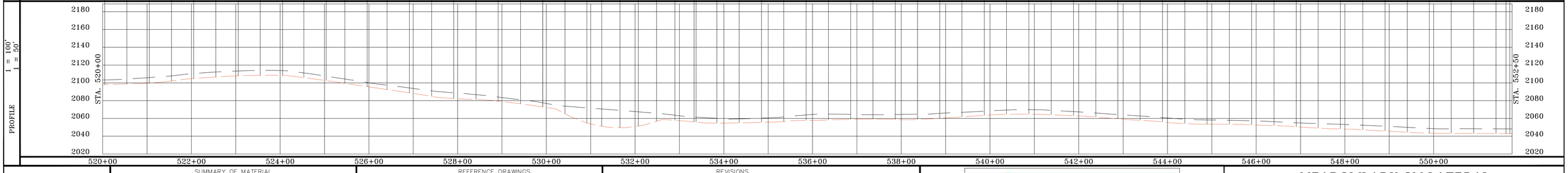


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 520+05, ELEV. 2097.90', XR#SM1251, JOINT# 1318
STA. 520+55, ELEV. 2097.80', XR#SM1252, JOINT# 1319
STA. 521+05, ELEV. 2098.60', XR#SM1253, JOINT# 1320
STA. 521+55, ELEV. 2099.20', XR#SM1254, JOINT# 1321
STA. 522+05, ELEV. 2100.90', XR#SM1255, JOINT# 1322
STA. 522+55, ELEV. 2104.20', XR#SM1256, JOINT# 1323
STA. 523+06, ELEV. 2106.00', XR#SM1257, JOINT# 1324
STA. 523+55, ELEV. 2107.60', XR#SM1258, JOINT# 1325
STA. 524+05, ELEV. 2108.40', XR#SM1259, JOINT# 1326
STA. 524+53, ELEV. 2108.60', XR#SM1260, JOINT# 1327
STA. 525+04, ELEV. 2107.00', XR#SM1261, JOINT# 1328
STA. 525+46, ELEV. 2104.40', XR#SM1262, JOINT# 1329
STA. 525+96, ELEV. 2100.90', XR#SM1263, JOINT# 1330
STA. 526+41, ELEV. 2097.50', XR#SM1264, JOINT# 1331
STA. 526+91, ELEV. 2093.90', XR#SM1265, JOINT# 1332
STA. 527+41, ELEV. 2090.30', XR#SM1266, JOINT# 1333
STA. 527+91, ELEV. 2086.50', XR#SM1267, JOINT# 1334
STA. 528+42, ELEV. 2083.00', XR#SM1268, JOINT# 1335
STA. 528+91, ELEV. 2081.60', XR#SM1269, JOINT# 1336
STA. 529+42, ELEV. 2080.50', XR#SM1270, JOINT# 1337
STA. 529+92, ELEV. 2077.70', XR#SM1271, JOINT# 1338
STA. 530+42, ELEV. 2074.40', XR#SMT166, JOINT# 1340
STA. 530+91, ELEV. 2070.70', XR#SMT167, JOINT# 1339
STA. 531+25, ELEV. 2062.07', XR#SMB187, JOINT# 1343BR
STA. 531+66, ELEV. 2054.47', XR#SMB188, JOINT# 1344BR
STA. 532+07, ELEV. 2050.29', XR#SMB189, JOINT# 1345BR
STA. 532+49, ELEV. 2049.54', XR#SMB190, JOINT# 1346BR
STA. 532+90, ELEV. 2052.23', XR#SMB191, JOINT# 1347BR
STA. 533+33, ELEV. 2058.70', XR#SMT168, JOINT# 1348BR
STA. 533+37, ELEV. 2058.80', XR#SMT169, JOINT# F23
STA. 533+84, ELEV. 2057.10', XR#SM1273, JOINT# 1349
STA. 534+35, ELEV. 2054.70', XR#SM1275, JOINT# 1350
STA. 534+85, ELEV. 2054.70', XR#SMT165, JOINT# 1351
STA. 535+35, ELEV. 2055.30', XR#SM1272, JOINT# 1352
STA. 535+86, ELEV. 2056.00', XR#SM1274, JOINT# 1353
STA. 536+36, ELEV. 2057.70', XR#SM1276, JOINT# 1354
STA. 536+86, ELEV. 2057.90', XR#SM1277, JOINT# 1355
STA. 537+36, ELEV. 2058.80', XR#SM1278, JOINT# 1356
STA. 537+87, ELEV. 2059.20', XR#SM1279, JOINT# 1357
STA. 538+37, ELEV. 2059.10', XR#SM1280, JOINT# 1358
STA. 538+87, ELEV. 2058.50', XR#SM1281, JOINT# 1359
STA. 539+37, ELEV. 2059.50', XR#SM1282, JOINT# 1360
STA. 539+87, ELEV. 2061.00', XR#SM1283, JOINT# 1361
STA. 540+37, ELEV. 2062.70', XR#SM1284, JOINT# 1362
STA. 540+88, ELEV. 2064.40', XR#SM1285, JOINT# 1363
STA. 541+38, ELEV. 2064.90', XR#SM1286, JOINT# 1364
STA. 541+88, ELEV. 2064.60', XR#SM1287, JOINT# 1365
STA. 542+38, ELEV. 2063.50', XR#SM1288, JOINT# 1366
STA. 542+88, ELEV. 2062.50', XR#SM1289, JOINT# 1367
STA. 543+38, ELEV. 2060.40', XR#SM1290, JOINT# 1368
STA. 543+89, ELEV. 2058.50', XR#SM1291, JOINT# 1369
STA. 544+39, ELEV. 2057.10', XR#SM1292, JOINT# 1370
STA. 544+89, ELEV. 2054.70', XR#SM1293, JOINT# 1371
STA. 545+40, ELEV. 2053.60', XR#SM1294, JOINT# 1372
STA. 545+90, ELEV. 2053.60', XR#SM1295, JOINT# 1373
STA. 546+40, ELEV. 2053.20', XR#SM1296, JOINT# 1374
STA. 546+90, ELEV. 2052.30', XR#SM1297, JOINT# 1375
STA. 547+40, ELEV. 2051.40', XR#SM1298, JOINT# 1376
STA. 547+90, ELEV. 2049.80', XR#SM1299, JOINT# 1377
STA. 548+40, ELEV. 2048.40', XR#SM1300, JOINT# 1378
STA. 548+90, ELEV. 2047.90', XR#SM1301, JOINT# 1379
STA. 549+41, ELEV. 2046.40', XR#SM1302, JOINT# 1380
STA. 549+90, ELEV. 2045.20', XR#SM1303, JOINT# 1381
STA. 550+40, ELEV. 2043.80', XR#SM1304, JOINT# 1382
STA. 550+90, ELEV. 2043.30', XR#SM1305, JOINT# 1383
STA. 551+41, ELEV. 2043.20', XR#SM1306, JOINT# 1384
STA. 551+91, ELEV. 2043.00', XR#SM1307, JOINT# 1385
STA. 552+41, ELEV. 2043.00', XR#SM1308, JOINT# 1386

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3008 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO	242 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 117	SHEET No. 17 OF 149

OWNERSHIP

552+50 — 559+59 — 585+00

26000008990000
AMUNDSON, ROBERT & SUSAN
713 17TH ST W
WILLISTON ND 58801
708.99 FT
42.97 RODS

26000009270000
SORENSON, RICK
928 SPRING CREEK DR
WILLISTON ND 58801
2541.01 FT
154.00 RODS

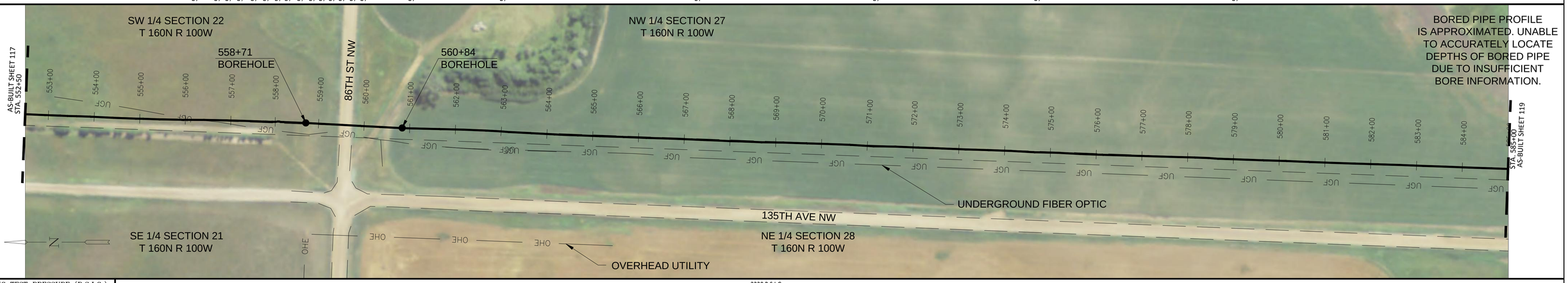
STATIONING

556+25 UNDERGROUND FIBER OPTIC
557+73 P.I. < 2°47'12" LT.
557+77 P.I. < 6°05'34" RT.
557+79 P.I. < 6°17'20" LT.
557+83 P.I. < 4°16'55" RT.
557+86 P.I. < 3°04'18" LT.
557+90 VALVE
557+91 VALVE
557+91 P.I. < 2°31'45" RT.
557+97 P.I. < 2°05'50" RT.
558+01 P.I. < 9°49'49" LT.
558+10 P.I. < 13°00'59" RT.
558+14 P.I. < 12°13'00" RT.
558+17 P.I. < 14°07'40" LT.
558+71 BOREHOLE
560+84 BOREHOLE
562+98 P.I. < 2°02'00" RT.
563+16 P.I. < 2°13'52" LT.
571+12 P.I. < 2°43'22" LT.
574+64 P.I. < 2°04'09" LT.
578+66 P.I. < 2°09'22" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



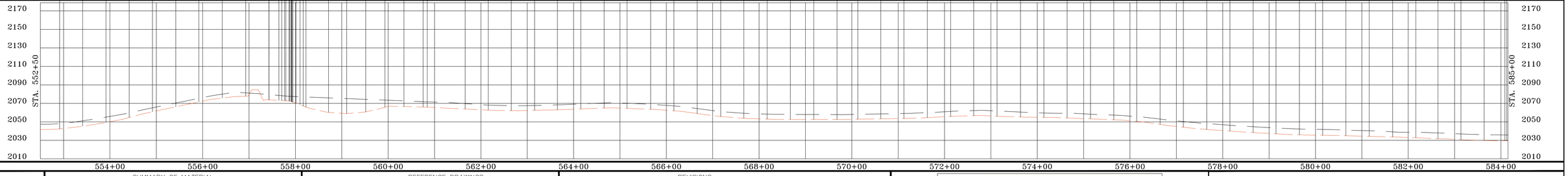
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 552+91, ELEV. 2042.30', XR#SM1309, JOINT#1387
STA. 553+41, ELEV. 2041.80', XR#SM1310, JOINT#1388
STA. 553+91, ELEV. 2043.80', XR#SM1311, JOINT#1389
STA. 554+42, ELEV. 2047.30', XR#SM1312, JOINT#1390
STA. 554+92, ELEV. 2051.80', XR#SM1313, JOINT#1391
STA. 555+42, ELEV. 2058.30', XR#SM1314, JOINT#1392
STA. 555+92, ELEV. 2063.70', XR#SMT171, JOINT#1393
STA. 556+42, ELEV. 2069.00', XR#SM1315, JOINT#1394
STA. 556+93, ELEV. 2074.30', XR#SMT172, JOINT#1395
STA. 557+43, ELEV. 2077.30', XR#SM1316, JOINT#1396
STA. 557+64, ELEV. 2077.70', XR#SMF21, JOINT#1397
STA. 557+70, ELEV. 2077.80', XR#SMF9, JOINT#V2-6
STA. 557+77, ELEV. 2080.20', XR#SMF10, JOINT#V2-F3
STA. 557+79, ELEV. 2082.20', XR#SMF11, JOINT#V2-5
STA. 557+86, ELEV. 2084.70', XR#SMF78, JOINT#V2-F4
STA. 557+88, ELEV. 2084.60', XR#SMF79, JOINT#V3-4
STA. 557+91, ELEV. 2084.60', XR#SMF65, JOINT#FLANGE
STA. 557+92, ELEV. 2084.60', XR#SMF63, JOINT#V3-T1
STA. 557+94, ELEV. 2084.50', XR#SMF80, JOINT#V3-3
STA. 558+01, ELEV. 2082.00', XR#SMF18, JOINT#V2-F2
STA. 558+10, ELEV. 2075.10', XR#SMF19, JOINT#V2-2
STA. 558+17, ELEV. 2074.00', XR#SMF20, JOINT#V2-F1
STA. 558+23, ELEV. 2073.90', XR#SMF22, JOINT#V2-1
STA. 558+71, ELEV. 2072.50', XR#SMT175, JOINT#1266
STA. 559+11, ELEV. 2065.10', XR#SMB204, JOINT#1400BR
STA. 559+52, ELEV. 2060.40', XR#SMB205, JOINT#1401BR
STA. 559+93, ELEV. 2058.91', XR#SMB206, JOINT#1402BR
STA. 560+34, ELEV. 2060.62', XR#SMB207, JOINT#1403BR
STA. 560+75, ELEV. 2065.54', XR#SMB208, JOINT#1404BR
STA. 560+84, ELEV. 2067.00', XR#SMT176, JOINT#1405BR
STA. 561+66, ELEV. 2066.00', XR#SM1317, JOINT#1407
STA. 562+16, ELEV. 2064.70', XR#SM1318, JOINT#1408
STA. 562+66, ELEV. 2063.50', XR#SM1319, JOINT#1409
STA. 563+16, ELEV. 2062.30', XR#SM1320, JOINT#1410
STA. 563+65, ELEV. 2062.10', XR#SM1321, JOINT#1411
STA. 564+15, ELEV. 2062.70', XR#SM1322, JOINT#1412
STA. 564+66, ELEV. 2063.20', XR#SM1323, JOINT#1413
STA. 565+15, ELEV. 2064.30', XR#SM1324, JOINT#1414
STA. 565+66, ELEV. 2065.20', XR#SM1325, JOINT#1415
STA. 566+16, ELEV. 2064.30', XR#SM1326, JOINT#1416
STA. 566+67, ELEV. 2063.20', XR#SM1327, JOINT#1417
STA. 567+17, ELEV. 2061.30', XR#SM1328, JOINT#1418
STA. 567+67, ELEV. 2057.80', XR#SM1329, JOINT#1419
STA. 568+17, ELEV. 2055.20', XR#SM1330, JOINT#1420
STA. 568+68, ELEV. 2053.50', XR#SM1331, JOINT#1421
STA. 569+18, ELEV. 2052.70', XR#SM1332, JOINT#1422
STA. 569+68, ELEV. 2052.60', XR#SM1333, JOINT#1423
STA. 570+13, ELEV. 2052.60', XR#SM1334, JOINT#1424
STA. 570+63, ELEV. 2052.50', XR#SM1335, JOINT#1425
STA. 571+12, ELEV. 2053.10', XR#SM1336, JOINT#1426
STA. 571+63, ELEV. 2053.30', XR#SM1337, JOINT#1427
STA. 572+13, ELEV. 2053.80', XR#SM1338, JOINT#1428
STA. 572+63, ELEV. 2055.10', XR#SM1339, JOINT#1429
STA. 573+13, ELEV. 2056.20', XR#SM1340, JOINT#1430
STA. 573+64, ELEV. 2056.90', XR#SM1341, JOINT#1431
STA. 574+14, ELEV. 2055.70', XR#SM1342, JOINT#1432
STA. 574+64, ELEV. 2055.10', XR#SM1343, JOINT#1433
STA. 575+15, ELEV. 2054.80', XR#SM1344, JOINT#1434
STA. 575+65, ELEV. 2053.80', XR#SM1345, JOINT#1435
STA. 576+14, ELEV. 2053.00', XR#SM1346, JOINT#1436
STA. 576+65, ELEV. 2052.00', XR#SM1347, JOINT#1437
STA. 577+15, ELEV. 2049.80', XR#SM1348, JOINT#1438
STA. 577+66, ELEV. 2046.10', XR#SM1349, JOINT#1439
STA. 578+16, ELEV. 2043.30', XR#SM1350, JOINT#1440
STA. 578+66, ELEV. 2041.20', XR#SM1351, JOINT#1441
STA. 579+15, ELEV. 2039.50', XR#SM1352, JOINT#1442
STA. 579+65, ELEV. 2038.00', XR#SM1353, JOINT#1443
STA. 580+16, ELEV. 2036.60', XR#SM1354, JOINT#1444
STA. 580+66, ELEV. 2035.70', XR#SM1355, JOINT#1445
STA. 581+16, ELEV. 2035.40', XR#SM1356, JOINT#1446
STA. 581+66, ELEV. 2034.80', XR#SM1357, JOINT#1447
STA. 582+16, ELEV. 2034.10', XR#SM1358, JOINT#1448
STA. 582+64, ELEV. 2033.50', XR#SM1359, JOINT#1449
STA. 583+14, ELEV. 2032.60', XR#SM1360, JOINT#1450
STA. 583+64, ELEV. 2031.50', XR#SM1361, JOINT#1451
STA. 584+14, ELEV. 2030.40', XR#SM1362, JOINT#1452
STA. 584+64, ELEV. 2029.60', XR#SM1363, JOINT#1453

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,037 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO	213 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 118	SHEET No. 18 OF 149 △1

OWNERSHIP

585+00 — 586+00

26000009270000
SORENSON, RICK
928 SPRING CREEK DR
WILLISTON ND 58801
100.31 FT
6.08 RODS

26000009250000
SORENSON, TYLER
928 SPRING CREEK DR
WILLISTON ND 58801
3149.69 FT
190.89 RODS

617+50

STATIONING

592+30 P.I. < 88°08'38" RT.
592+30 P.I. < 92°09'09" LT.
592+32 P.I. < 22°36'23" LT.
592+35 P.I. < 17°29'58" LT.
593+07 P.I. < 4°57'41" LT.
593+08 P.I. < 30°24'52" RT.
593+11 P.I. < 35°25'04" RT.
593+13 P.I. < 17°04'38" LT.
596+16 TEST STATION
597+12 P.I. < 3°25'07" RT.
597+15 P.I. < 26°04'32" RT.
597+17 P.I. < 13°51'20" RT.
597+83 P.I. < 6°01'52" LT.
597+86 P.I. < 28°03'28" LT.
597+88 P.I. < 10°07'43" LT.
611+59 P.I. < 15°57'05" LT.
611+64 P.I. < 61°22'31" LT.
611+68 P.I. < 13°52'24" LT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



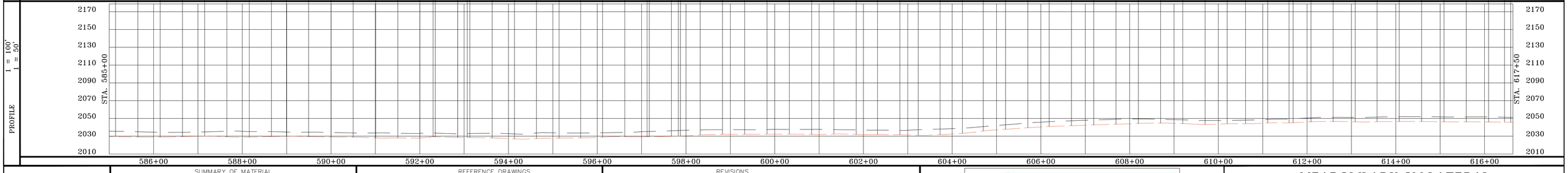
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 585+14, ELEV. 2029.60', XR#SM1364, JOINT# 1454
STA. 585+64, ELEV. 2029.50', XR#SM1365, JOINT# 1455
STA. 586+15, ELEV. 2029.40', XR#SM1366, JOINT# 1456
STA. 586+65, ELEV. 2029.00', XR#SM1367, JOINT# 1457
STA. 587+15, ELEV. 2029.10', XR#SM1368, JOINT# 1458
STA. 587+65, ELEV. 2029.80', XR#SM1369, JOINT# 1459
STA. 588+16, ELEV. 2030.20', XR#SM1370, JOINT# 1460
STA. 588+66, ELEV. 2028.90', XR#SM1371, JOINT# 1461
STA. 588+99, ELEV. 2029.00', XR#SM1372, JOINT# 1462
STA. 589+49, ELEV. 2029.60', XR#SM1373, JOINT# 1463
STA. 590+00, ELEV. 2030.10', XR#SM1374, JOINT# 1464
STA. 590+50, ELEV. 2029.40', XR#SM1375, JOINT# 1465
STA. 591+00, ELEV. 2029.00', XR#SM1376, JOINT# 1466
STA. 591+50, ELEV. 2028.80', XR#SM1377, JOINT# 1467
STA. 592+00, ELEV. 2027.80', XR#SM1378, JOINT# 1468
STA. 592+30, ELEV. 2028.10', XR#SMT177, JOINT# 1471
STA. 592+35, ELEV. 2028.00', XR#SMT178, JOINT# F24
STA. 592+65, ELEV. 2027.90', XR#SMT179, JOINT# 1470
STA. 593+07, ELEV. 2029.10', XR#SMT180, JOINT# 1469
STA. 593+13, ELEV. 2029.40', XR#SMT181, JOINT# F25
STA. 593+63, ELEV. 2028.60', XR#SM1379, JOINT# 1472
STA. 594+13, ELEV. 2028.50', XR#SM1380, JOINT# 1473
STA. 594+63, ELEV. 2027.90', XR#SM1381, JOINT# 1474
STA. 595+14, ELEV. 2026.70', XR#SM1382, JOINT# 1475
STA. 595+63, ELEV. 2027.60', XR#SMT182, JOINT# 1477
STA. 596+12, ELEV. 2027.90', XR#SM1384, JOINT# 1476
STA. 596+62, ELEV. 2028.10', XR#SM1385, JOINT# 1478
STA. 597+12, ELEV. 2029.40', XR#SMT189, JOINT# 1479
STA. 597+17, ELEV. 2029.50', XR#SMT190, JOINT# F26
STA. 597+67, ELEV. 2029.30', XR#SMT193, JOINT# 1480
STA. 597+83, ELEV. 2029.30', XR#SMT194, JOINT# 1469A
STA. 597+88, ELEV. 2029.30', XR#SMT195, JOINT# F27
STA. 598+32, ELEV. 2029.60', XR#SM1386, JOINT# 1482
STA. 598+82, ELEV. 2030.30', XR#SM1387, JOINT# 1483
STA. 599+32, ELEV. 2031.80', XR#SM1388, JOINT# 1484
STA. 599+83, ELEV. 2032.20', XR#SM1389, JOINT# 1485
STA. 600+33, ELEV. 2032.20', XR#SM1390, JOINT# 1486
STA. 600+83, ELEV. 2032.40', XR#SM1391, JOINT# 1487
STA. 601+33, ELEV. 2032.40', XR#SM1392, JOINT# 1488
STA. 601+84, ELEV. 2031.90', XR#SM1393, JOINT# 1489
STA. 602+32, ELEV. 2032.60', XR#SM1394, JOINT# 1490
STA. 602+82, ELEV. 2031.90', XR#SM1395, JOINT# 1491
STA. 603+24, ELEV. 2032.00', XR#SM1396, JOINT# 1492
STA. 603+73, ELEV. 2031.50', XR#SM1397, JOINT# 1495
STA. 604+23, ELEV. 2030.90', XR#SM1398, JOINT# 1493
STA. 604+70, ELEV. 2032.00', XR#SM1399, JOINT# 1494
STA. 605+20, ELEV. 2033.70', XR#SM1400, JOINT# 1496
STA. 605+71, ELEV. 2036.70', XR#SM1401, JOINT# 1497
STA. 606+19, ELEV. 2038.20', XR#SM1402, JOINT# 1498
STA. 606+69, ELEV. 2040.00', XR#SM1403, JOINT# 1499
STA. 607+19, ELEV. 2041.20', XR#SM1404, JOINT# 1500
STA. 607+69, ELEV. 2042.10', XR#SM1405, JOINT# 1501
STA. 608+20, ELEV. 2043.00', XR#SM1406, JOINT# 1502
STA. 608+70, ELEV. 2043.70', XR#SM1407, JOINT# 1503
STA. 609+20, ELEV. 2044.60', XR#SM1408, JOINT# 1504
STA. 609+70, ELEV. 2044.80', XR#SM1409, JOINT# 1505
STA. 610+20, ELEV. 2044.00', XR#SM1410, JOINT# 1506
STA. 610+61, ELEV. 2043.20', XR#SM1411, JOINT# 1507
STA. 611+11, ELEV. 2044.10', XR#SM1412, JOINT# 1508
STA. 611+59, ELEV. 2044.10', XR#SMT191, JOINT# 1509
STA. 611+68, ELEV. 2044.10', XR#SMT192, JOINT# F28
STA. 612+09, ELEV. 2045.20', XR#SM1413, JOINT# 1510
STA. 612+59, ELEV. 2045.30', XR#SM1414, JOINT# 1511
STA. 613+08, ELEV. 2046.50', XR#SM1415, JOINT# 1512
STA. 613+58, ELEV. 2046.60', XR#SM1416, JOINT# 1513
STA. 614+08, ELEV. 2046.00', XR#SM1417, JOINT# 1514
STA. 614+58, ELEV. 2046.40', XR#SM1418, JOINT# 1515
STA. 615+09, ELEV. 2046.60', XR#SM1419, JOINT# 1516
STA. 615+59, ELEV. 2046.50', XR#SM1420, JOINT# 1517
STA. 616+09, ELEV. 2046.10', XR#SM1421, JOINT# 1518
STA. 616+59, ELEV. 2046.20', XR#SM1422, JOINT# 1519
STA. 617+05, ELEV. 2046.00', XR#SM1423, JOINT# 1520

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 119	SHEET No. 19 OF 147 (1)

OWNERSHIP

617+50

26000009250000
SORENSON, TYLER
928 SPRING CREEK DR
WILLISTON ND 58801
588.88 FT
35.69 RODS

623+39

26000009580000
SORENSON, TYLER
928 SPRING CREEK DR
WILLISTON ND 58801
2083.68 FT
126.28 RODS

644+23

26000009630000
BENDIXSON, GREGORY & CARMEN
8905 140TH AVE NW
ZAHL ND 58856
577.44 FT
35.00 RODS

650+00

STATIONING

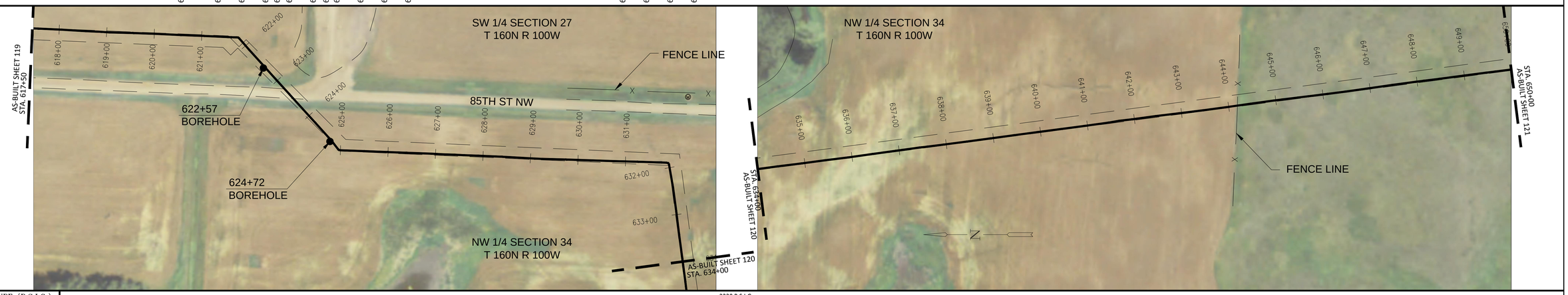
619+06 P.I. < 2°29'30" LT.
621+74 P.I. < 4°07'47" RT.
621+77 P.I. < 30°58'29" RT.
621+79 P.I. < 12°02'21" RT.
622+57 BOREHOLE
623+24 EDGE OF GRAVEL
623+51 EDGE OF GRAVEL
624+72 BOREHOLE
624+72 P.I. < 4°30'36" RT.
624+95 P.I. < 15°15'08" LT.
624+97 P.I. < 22°24'55" LT.
624+99 P.I. < 12°41'21" LT.
631+86 P.I. < 6°30'35" RT.
631+90 P.I. < 48°30'47" RT.
631+93 P.I. < 22°03'45" RT.
632+43 P.I. < 2°23'55" RT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

ALIGNMENT 1 = 100'

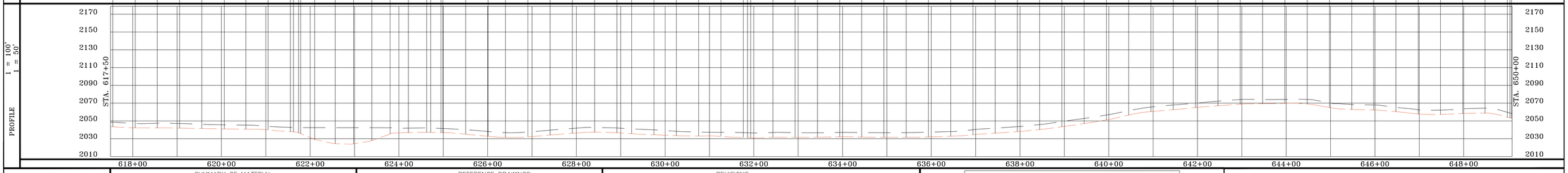


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 617+55, ELEV. 2045.70', XR#SM1424, JOINT# 1521
STA. 618+06, ELEV. 2044.60', XR#SM1425, JOINT# 1522
STA. 618+55, ELEV. 2043.00', XR#SM1426, JOINT# 1523
STA. 619+06, ELEV. 2042.10', XR#SM1427, JOINT# 1524
STA. 619+56, ELEV. 2042.20', XR#SM1428, JOINT# 1525
STA. 620+06, ELEV. 2041.80', XR#SM1429, JOINT# 1526
STA. 620+55, ELEV. 2041.40', XR#SM1430, JOINT# 1527
STA. 621+05, ELEV. 2041.00', XR#SM1431, JOINT# 1528
STA. 621+55, ELEV. 2040.70', XR#SMT1183, JOINT# 1529
STA. 621+62, ELEV. 2040.70', XR#SMT1184, JOINT# 1268A
STA. 621+74, ELEV. 2040.60', XR#SMT1185, JOINT# 1530
STA. 621+79, ELEV. 2040.50', XR#SMT1186, JOINT# F29
STA. 622+10, ELEV. 2038.90', XR#SMT1187, JOINT# 1630A
STA. 622+57, ELEV. 2037.50', XR#SMT1188, JOINT# 1537
STA. 622+98, ELEV. 2029.12', XR#NONE, JOINT# NONE
STA. 623+39, ELEV. 2024.58', XR#NONE, JOINT# NONE
STA. 623+80, ELEV. 2023.90', XR#NONE, JOINT# NONE
STA. 624+21, ELEV. 2027.10', XR#NONE, JOINT# NONE
STA. 624+63, ELEV. 2034.14', XR#NONE, JOINT# NONE
STA. 624+72, ELEV. 2036.20', XR#SMT1198, JOINT# 1536BR
STA. 624+95, ELEV. 2036.70', XR#SMT1199, JOINT# 1341
STA. 624+99, ELEV. 2036.80', XR#SMT1200, JOINT# F30
STA. 625+51, ELEV. 2037.20', XR#SM1432, JOINT# 1538
STA. 626+01, ELEV. 2036.80', XR#SMT1201, JOINT# 1539
STA. 626+40, ELEV. 2035.00', XR#SM1433, JOINT# 1540
STA. 626+91, ELEV. 2032.70', XR#SM1434, JOINT# 1541
STA. 627+41, ELEV. 2031.20', XR#SM1435, JOINT# 1542
STA. 627+91, ELEV. 2032.50', XR#SM1436, JOINT# 1543
STA. 628+41, ELEV. 2034.70', XR#SM1437, JOINT# 1544
STA. 628+91, ELEV. 2036.50', XR#SM1438, JOINT# 1545
STA. 629+25, ELEV. 2037.50', XR#SM1439, JOINT# 1546
STA. 629+75, ELEV. 2036.90', XR#SM1440, JOINT# 1547
STA. 630+25, ELEV. 2035.20', XR#SM1441, JOINT# 1548
STA. 630+76, ELEV. 2034.20', XR#SM1442, JOINT# 1549
STA. 631+26, ELEV. 2033.20', XR#SM1443, JOINT# 1551
STA. 631+76, ELEV. 2033.00', XR#SMT1202, JOINT# 1550
STA. 631+86, ELEV. 2033.20', XR#SMT1203, JOINT# 1341A
STA. 631+93, ELEV. 2033.30', XR#SMT1204, JOINT# F31
STA. 632+43, ELEV. 2031.60', XR#SM1444, JOINT# 1552
STA. 632+93, ELEV. 2030.90', XR#SM1445, JOINT# 1553
STA. 633+43, ELEV. 2031.70', XR#SM1446, JOINT# 1554
STA. 633+94, ELEV. 2031.40', XR#SM1447, JOINT# 1555
STA. 634+43, ELEV. 2031.80', XR#SM1448, JOINT# 1556
STA. 634+93, ELEV. 2032.20', XR#SM1449, JOINT# 1557
STA. 635+43, ELEV. 2031.80', XR#SM1450, JOINT# 1558
STA. 635+94, ELEV. 2031.60', XR#SM1451, JOINT# 1559
STA. 636+44, ELEV. 2031.60', XR#SM1452, JOINT# 1560
STA. 636+94, ELEV. 2032.10', XR#SM1453, JOINT# 1561
STA. 637+44, ELEV. 2033.00', XR#SM1454, JOINT# 1562
STA. 637+94, ELEV. 2035.00', XR#SM1455, JOINT# 1563
STA. 638+44, ELEV. 2036.60', XR#SM1456, JOINT# 1564
STA. 638+94, ELEV. 2038.40', XR#SM1457, JOINT# 1565
STA. 639+45, ELEV. 2040.90', XR#SM1458, JOINT# 1566
STA. 639+95, ELEV. 2044.20', XR#SM1459, JOINT# 1567
STA. 640+45, ELEV. 2047.80', XR#SM1460, JOINT# 1568
STA. 640+95, ELEV. 2052.10', XR#SM1461, JOINT# 1569
STA. 641+45, ELEV. 2057.80', XR#SM1462, JOINT# 1570
STA. 641+96, ELEV. 2061.00', XR#SM1463, JOINT# 1571
STA. 642+46, ELEV. 2063.10', XR#SM1464, JOINT# 1572
STA. 642+96, ELEV. 2065.60', XR#SM1465, JOINT# 1573
STA. 643+47, ELEV. 2067.40', XR#SM1466, JOINT# 1574
STA. 643+97, ELEV. 2069.20', XR#SM1467, JOINT# 1575
STA. 644+47, ELEV. 2069.40', XR#SM1468, JOINT# 1576
STA. 644+98, ELEV. 2070.00', XR#SM1469, JOINT# 1577
STA. 645+48, ELEV. 2068.50', XR#SM1470, JOINT# 1578
STA. 645+97, ELEV. 2064.30', XR#SM1471, JOINT# 1579
STA. 646+47, ELEV. 2062.70', XR#SM1472, JOINT# 1580
STA. 646+98, ELEV. 2062.20', XR#SM1473, JOINT# 1582
STA. 647+48, ELEV. 2060.00', XR#SM1474, JOINT# 1583
STA. 647+98, ELEV. 2057.50', XR#SM1475, JOINT# 1581
STA. 648+48, ELEV. 2057.40', XR#SM1476, JOINT# 1584
STA. 648+98, ELEV. 2058.60', XR#SM1477, JOINT# 1585
STA. 649+47, ELEV. 2058.80', XR#SM1478, JOINT# 1586
STA. 649+97, ELEV. 2053.20', XR#SM1479, JOINT# 1590

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,035 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO	215 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 120	SHEET No. 20 OF 149 1

OWNERSHIP

650+00

26000009630000
BENDIXSON, GREGORY & CARMEN
8905 140TH AVE NW
ZAHL ND 58856
770.14 FT
46.68 RODS

657+70

26000009620000
BENDIXSON, GREGORY & CARMEN
8905 140TH AVE NW
ZAHL ND 58856
493.05 FT
29.88 RODS

662+63

26000009600000
BENDIXSON, GREGORY & CARMEN
8905 140TH AVE NW
ZAHL ND 58856
1986.81 FT
120.41 RODS

682+50

STATIONING

661+96 P.I. < 5°13'22" LT.

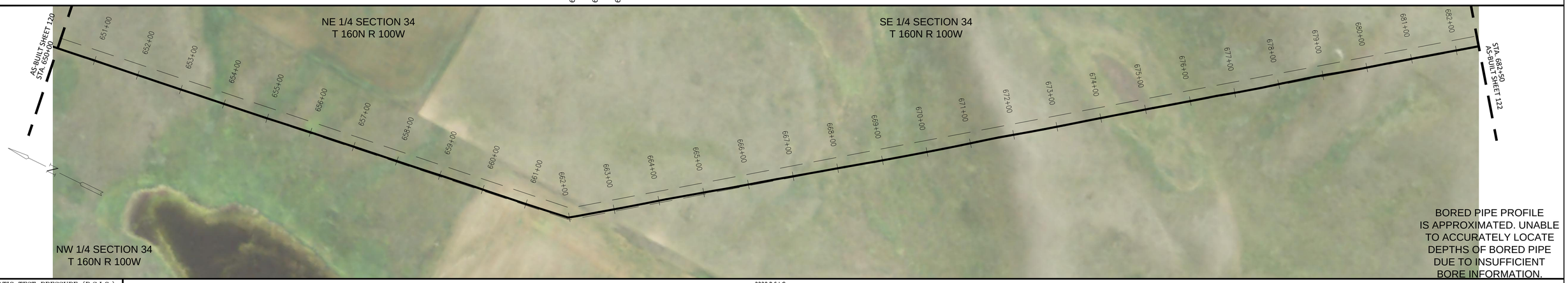
661+97 P.I. < 13°25'52" LT.

661+99 P.I. < 9°27'00" LT.

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

ALIGNMENT 1 = 100'



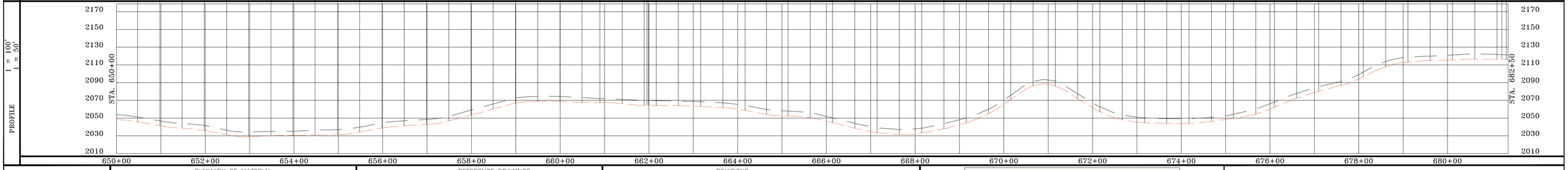
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 650+48, ELEV. 2049.30', XR#SM1480, JOINT# 1595
STA. 650+98, ELEV. 2048.10', XR#SM1481, JOINT# 1589
STA. 651+48, ELEV. 2044.90', XR#SM1482, JOINT# 1587
STA. 651+98, ELEV. 2040.60', XR#SM1483, JOINT# 1591
STA. 652+48, ELEV. 2038.20', XR#SM1484, JOINT# 1592
STA. 652+98, ELEV. 2035.50', XR#SM1485, JOINT# 1593
STA. 653+48, ELEV. 2030.30', XR#SM1486, JOINT# 1594
STA. 653+98, ELEV. 2029.00', XR#SM1487, JOINT# 1588
STA. 654+48, ELEV. 2030.30', XR#SM1488, JOINT# 1596
STA. 654+98, ELEV. 2030.40', XR#SM1489, JOINT# 1597
STA. 655+48, ELEV. 2031.00', XR#SM1490, JOINT# 1598
STA. 655+98, ELEV. 2031.50', XR#SM1491, JOINT# 1599
STA. 656+48, ELEV. 2035.10', XR#SM1492, JOINT# 1600
STA. 656+99, ELEV. 2039.50', XR#SM1493, JOINT# 1601
STA. 657+49, ELEV. 2041.60', XR#SM1494, JOINT# 1602
STA. 657+99, ELEV. 2043.00', XR#SM1495, JOINT# 1603
STA. 658+49, ELEV. 2047.70', XR#SM1496, JOINT# 1604
STA. 658+99, ELEV. 2054.30', XR#SM1497, JOINT# 1605
STA. 659+49, ELEV. 2061.20', XR#SM1498, JOINT# 1606
STA. 660+00, ELEV. 2067.50', XR#SM1499, JOINT# 1607
STA. 660+49, ELEV. 2069.20', XR#SM1500, JOINT# 1608
STA. 660+90, ELEV. 2068.70', XR#SM1501, JOINT# 1609
STA. 661+40, ELEV. 2067.80', XR#SM1502, JOINT# 1610
STA. 661+89, ELEV. 2067.50', XR#SMT205, JOINT# 1611
STA. 661+96, ELEV. 2067.50', XR#SMT206, JOINT# 1022A
STA. 661+99, ELEV. 2067.50', XR#SMT207, JOINT# F32
STA. 662+17, ELEV. 2067.10', XR#SMT208, JOINT# 1612
STA. 662+66, ELEV. 2064.60', XR#SM1504, JOINT# 1613
STA. 663+17, ELEV. 2064.10', XR#SM1506, JOINT# 1614
STA. 663+67, ELEV. 2064.10', XR#SMT213, JOINT# 1615
STA. 664+17, ELEV. 2063.00', XR#SM1503, JOINT# 1616
STA. 664+65, ELEV. 2061.70', XR#SM1505, JOINT# 1617
STA. 665+14, ELEV. 2058.60', XR#SM1507, JOINT# 1618
STA. 665+64, ELEV. 2053.80', XR#SM1508, JOINT# 1619
STA. 666+14, ELEV. 2052.30', XR#SM1509, JOINT# 1620
STA. 666+64, ELEV. 2050.10', XR#SM1510, JOINT# 1621
STA. 667+14, ELEV. 2044.10', XR#SM1511, JOINT# 1622
STA. 667+65, ELEV. 2037.90', XR#SM1512, JOINT# 1623
STA. 668+15, ELEV. 2033.10', XR#SM1513, JOINT# 1624
STA. 668+65, ELEV. 2031.40', XR#SM1514, JOINT# 1625
STA. 669+15, ELEV. 2033.50', XR#SM1515, JOINT# 1626
STA. 669+66, ELEV. 2038.40', XR#SM1516, JOINT# 1627
STA. 670+16, ELEV. 2045.20', XR#SM1517, JOINT# 1628
STA. 670+66, ELEV. 2055.70', XR#SM1518, JOINT# 1629
STA. 671+16, ELEV. 2071.10', XR#SM1519, JOINT# 1630
STA. 671+66, ELEV. 2086.20', XR#SM1520, JOINT# 1631
STA. 672+16, ELEV. 2086.50', XR#SM1521, JOINT# 1632
STA. 672+67, ELEV. 2072.90', XR#SM1522, JOINT# 1633
STA. 673+17, ELEV. 2058.40', XR#SM1523, JOINT# 1634
STA. 673+67, ELEV. 2048.90', XR#SM1524, JOINT# 1635
STA. 674+18, ELEV. 2044.80', XR#SM1525, JOINT# 1636
STA. 674+68, ELEV. 2044.10', XR#SM1526, JOINT# 1637
STA. 675+18, ELEV. 2043.90', XR#SM1527, JOINT# 1638
STA. 675+68, ELEV. 2045.60', XR#SM1528, JOINT# 1639
STA. 676+10, ELEV. 2048.70', XR#SMT209, JOINT# 1640
STA. 676+60, ELEV. 2052.60', XR#SM1529, JOINT# 1641
STA. 677+10, ELEV. 2060.60', XR#SM1530, JOINT# 1642
STA. 677+60, ELEV. 2070.80', XR#SM1531, JOINT# 1643
STA. 678+10, ELEV. 2079.00', XR#SM1532, JOINT# 1644
STA. 678+61, ELEV. 2085.60', XR#SM1533, JOINT# 1645
STA. 679+11, ELEV. 2094.00', XR#SM1534, JOINT# 1646
STA. 679+61, ELEV. 2105.70', XR#SM1535, JOINT# 1647
STA. 680+11, ELEV. 2112.70', XR#SM1536, JOINT# 1649
STA. 680+62, ELEV. 2114.70', XR#SM1537, JOINT# 1648
STA. 681+12, ELEV. 2115.20', XR#SM1538, JOINT# 1650
STA. 681+62, ELEV. 2116.40', XR#SM1539, JOINT# 1651
STA. 682+12, ELEV. 2116.40', XR#SM1540, JOINT# 1652

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 121	SHEET No. 21 OF 149 (1)

OWNERSHIP

682+50	683+90	691+01	705+09	715+00
26000009600000 BENDIXSON, GREGORY & CARMEN 8905 140TH AVE NW ZAHL ND 58856 139.82 FT 8.47 RODS	26000009590000 STEVENS, BLAINE K & BLAINE J PO BOX 1511 WILLISTON ND 58801 711.63 FT 43.13 RODS	33645 STEVENS, BLAINE K & BLAINE J PO BOX 1511 WILLISTON ND 58801 1407.10 FT 85.28 RODS	46113 SORENSON, TYLER D 928 SPRING CREEK DR WILLISTON ND 58801 991.42 FT 60.09 RODS	

STATIONING

689+58 UNDERGROUND TELEPHONE

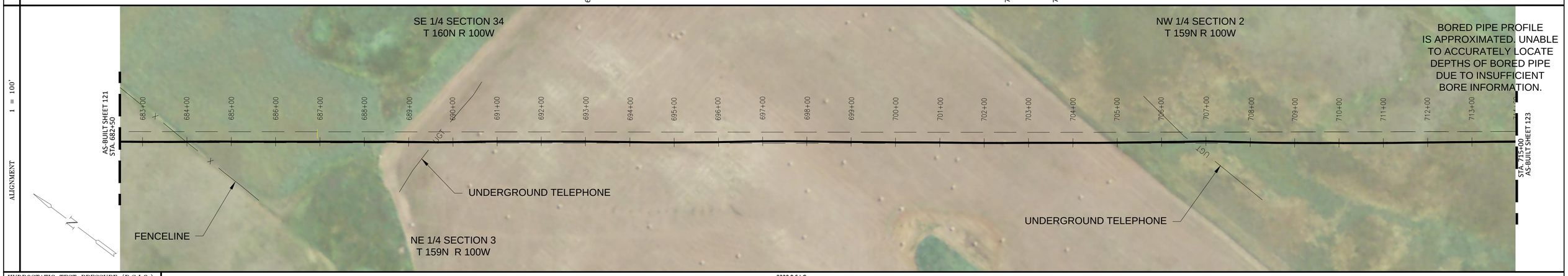
705+24 TEST STATION

706+66 UNDERGROUND TELEPHONE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



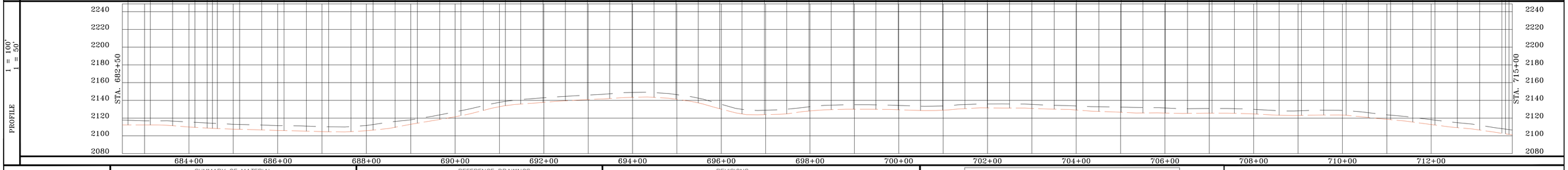
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 682+63, ELEV. 2115.80', XR#SM1541, JOINT# 1653
STA. 683+13, ELEV. 2114.20', XR#SM1542, JOINT# 1654
STA. 683+63, ELEV. 2112.30', XR#SM1543, JOINT# 1655
STA. 684+14, ELEV. 2112.30', XR#SM1544, JOINT# 1656
STA. 684+41, ELEV. 2112.30', XR#SMT196, JOINT# 1657
STA. 684+53, ELEV. 2112.10', XR#SMT197, JOINT# 1406
STA. 684+64, ELEV. 2111.90', XR#SM1545, JOINT# 1657
STA. 685+14, ELEV. 2109.90', XR#SM1546, JOINT# 1658
STA. 685+64, ELEV. 2108.50', XR#SM1547, JOINT# 1659
STA. 686+14, ELEV. 2107.50', XR#SM1548, JOINT# 1660
STA. 686+65, ELEV. 2106.90', XR#SM1549, JOINT# 1661
STA. 687+15, ELEV. 2106.00', XR#SM1550, JOINT# 1662
STA. 687+65, ELEV. 2105.50', XR#SM1551, JOINT# 1663
STA. 688+15, ELEV. 2104.70', XR#SM1552, JOINT# 1664
STA. 688+65, ELEV. 2104.40', XR#SM1553, JOINT# 1665
STA. 689+15, ELEV. 2105.80', XR#SMT210, JOINT# 1666
STA. 689+65, ELEV. 2107.90', XR#SM1554, JOINT# 1667
STA. 690+13, ELEV. 2113.00', XR#SMT211, JOINT# 1668
STA. 690+63, ELEV. 2117.10', XR#SM1555, JOINT# 1669
STA. 691+13, ELEV. 2121.40', XR#SM1556, JOINT# 1670
STA. 691+48, ELEV. 2124.80', XR#SM1557, JOINT# 1671
STA. 691+98, ELEV. 2131.20', XR#SM1558, JOINT# 1672
STA. 692+49, ELEV. 2135.30', XR#SM1559, JOINT# 1673
STA. 692+98, ELEV. 2137.10', XR#SM1560, JOINT# 1674
STA. 693+48, ELEV. 2139.10', XR#SM1561, JOINT# 1675
STA. 693+99, ELEV. 2140.50', XR#SM1562, JOINT# 1676
STA. 694+49, ELEV. 2141.60', XR#SM1563, JOINT# 1677
STA. 694+98, ELEV. 2143.20', XR#SM1564, JOINT# 1678
STA. 695+48, ELEV. 2143.80', XR#SM1565, JOINT# 1679
STA. 695+96, ELEV. 2142.40', XR#SM1566, JOINT# 1680
STA. 696+47, ELEV. 2138.90', XR#SM1567, JOINT# 1681
STA. 696+97, ELEV. 2132.60', XR#SM1568, JOINT# 1682
STA. 697+47, ELEV. 2126.00', XR#SM1569, JOINT# 1683
STA. 697+98, ELEV. 2123.70', XR#SM1570, JOINT# 1684
STA. 698+48, ELEV. 2124.30', XR#SM1571, JOINT# 1685
STA. 698+98, ELEV. 2127.20', XR#SM1572, JOINT# 1686
STA. 699+48, ELEV. 2129.30', XR#SM1573, JOINT# 1687
STA. 699+99, ELEV. 2130.00', XR#SM1574, JOINT# 1688
STA. 700+49, ELEV. 2130.00', XR#SM1575, JOINT# 1689
STA. 700+99, ELEV. 2129.70', XR#SM1576, JOINT# 1690
STA. 701+49, ELEV. 2128.80', XR#SM1577, JOINT# 1691
STA. 702+00, ELEV. 2128.60', XR#SM1578, JOINT# 1692
STA. 702+50, ELEV. 2130.20', XR#SM1579, JOINT# 1693
STA. 703+00, ELEV. 2131.60', XR#SM1580, JOINT# 1694
STA. 703+50, ELEV. 2131.30', XR#SM1581, JOINT# 1695
STA. 704+00, ELEV. 2131.30', XR#SM1582, JOINT# 1696
STA. 704+51, ELEV. 2130.20', XR#SM1583, JOINT# 1697
STA. 705+01, ELEV. 2129.70', XR#SMT212, JOINT# 1698
STA. 705+50, ELEV. 2127.80', XR#SM1585, JOINT# 1699
STA. 706+01, ELEV. 2127.00', XR#SM1587, JOINT# 1700
STA. 706+51, ELEV. 2125.70', XR#SM1589, JOINT# 1701
STA. 707+00, ELEV. 2125.90', XR#SMT214, JOINT# 1702
STA. 707+06, ELEV. 2125.80', XR#SMT215, JOINT# 1640A
STA. 707+57, ELEV. 2125.20', XR#SM1684, JOINT# 1703
STA. 708+07, ELEV. 2125.60', XR#SM1586, JOINT# 1704
STA. 708+57, ELEV. 2125.60', XR#SM1588, JOINT# 1705
STA. 709+08, ELEV. 2124.90', XR#SM1590, JOINT# 1706
STA. 709+58, ELEV. 2123.60', XR#SM1591, JOINT# 1707
STA. 710+08, ELEV. 2122.90', XR#SM1592, JOINT# 1708
STA. 710+58, ELEV. 2123.40', XR#SM1593, JOINT# 1709
STA. 711+09, ELEV. 2123.60', XR#SM1594, JOINT# 1710
STA. 711+59, ELEV. 2121.50', XR#SM1595, JOINT# 1711
STA. 712+09, ELEV. 2119.00', XR#SM1596, JOINT# 1712
STA. 712+59, ELEV. 2116.60', XR#SM1597, JOINT# 1713
STA. 713+10, ELEV. 2113.20', XR#SM1598, JOINT# 1714
STA. 713+60, ELEV. 2110.00', XR#SM1599, JOINT# 1715
STA. 714+10, ELEV. 2107.70', XR#SM1600, JOINT# 1716
STA. 714+60, ELEV. 2104.10', XR#SM1601, JOINT# 1717

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

– – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

DIVIDE, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 122	SHEET No. 22 OF 149

1

OWNERSHIP

715+00	724+73	747+49	747+50
46113 SORENSON, TYLER D 928 SPRING CREEK DR WILLISTON ND 58801 972.50 FT 58.94 RODS	46113 SORENSON, TYLER D 928 SPRING CREEK DR WILLISTON ND 58801 2276.73 FT 137.98 RODS	46113 SORENSON, TYLER D 928 SPRING CREEK DR WILLISTON ND 58801 0.77 FT 0.05 RODS	

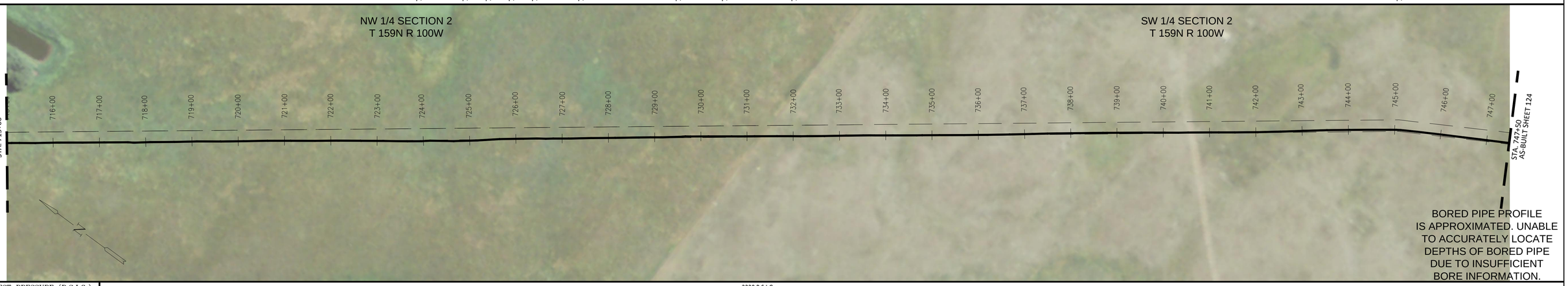
STATIONING

723+95 P.I. < 2°18'15" LT.
724+15 P.I. < 3°45'23" RT.
724+65 P.I. < 2°39'41" LT.
725+65 P.I. < 2°16'52" RT.
726+47 P.I. < 2°26'29" RT.
726+65 P.I. < 2°53'32" LT.
729+56 P.I. < 2°11'00" LT.
729+66 P.I. < 3°59'49" RT.
731+26 ROCK SHIELD
745+12 P.I. < 4°03'07" RT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



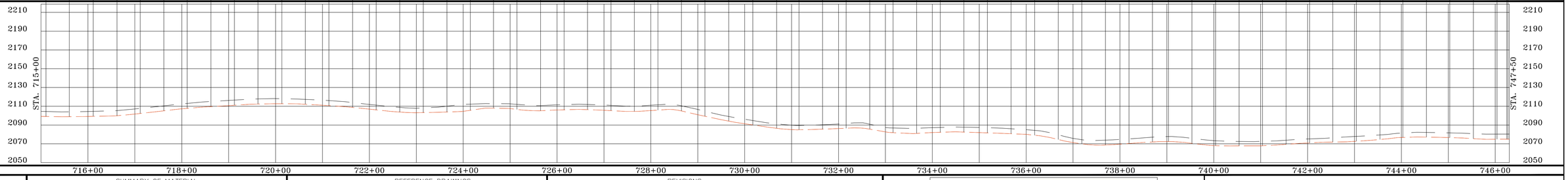
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 715+10, ELEV. 2100.30', XR#SM1602, JOINT# 1718
STA. 715+60, ELEV. 2099.40', XR#SM1603, JOINT# 1719
STA. 716+11, ELEV. 2099.30', XR#SM1604, JOINT# 1720
STA. 716+62, ELEV. 2098.80', XR#SM1605, JOINT# 1721
STA. 717+12, ELEV. 2099.10', XR#SM1606, JOINT# 1722
STA. 717+62, ELEV. 2099.60', XR#SM1607, JOINT# 1723
STA. 718+12, ELEV. 2101.40', XR#SM1608, JOINT# 1724
STA. 718+62, ELEV. 2104.20', XR#SM1609, JOINT# 1725
STA. 719+12, ELEV. 2107.10', XR#SM1610, JOINT# 1726
STA. 719+63, ELEV. 2109.20', XR#SM1611, JOINT# 1727
STA. 720+13, ELEV. 2110.50', XR#SM1612, JOINT# 1728
STA. 720+63, ELEV. 2112.20', XR#SM1613, JOINT# 1729
STA. 721+14, ELEV. 2112.70', XR#SM1614, JOINT# 1730
STA. 721+64, ELEV. 2112.60', XR#SM1615, JOINT# 1731
STA. 722+14, ELEV. 2111.20', XR#SM1616, JOINT# 1732
STA. 722+65, ELEV. 2109.60', XR#SM1617, JOINT# 1733
STA. 723+15, ELEV. 2107.10', XR#SM1618, JOINT# 1734
STA. 723+65, ELEV. 2104.40', XR#SM1619, JOINT# 1735
STA. 724+15, ELEV. 2103.10', XR#SM1620, JOINT# 1736
STA. 724+65, ELEV. 2103.60', XR#SMT216, JOINT# 1737
STA. 725+15, ELEV. 2104.40', XR#SM1621, JOINT# 1738
STA. 725+65, ELEV. 2108.00', XR#SMT217, JOINT# 1741
STA. 726+15, ELEV. 2107.70', XR#SM1622, JOINT# 1739
STA. 726+65, ELEV. 2105.30', XR#SM1623, JOINT# 1740
STA. 727+15, ELEV. 2106.00', XR#SM1624, JOINT# 1742
STA. 727+65, ELEV. 2106.70', XR#SM1625, JOINT# 1743
STA. 728+15, ELEV. 2105.80', XR#SM1626, JOINT# 1744
STA. 728+65, ELEV. 2104.50', XR#SM1627, JOINT# 1745
STA. 729+15, ELEV. 2105.30', XR#SM1628, JOINT# 1746
STA. 729+66, ELEV. 2106.50', XR#SM1629, JOINT# 1747
STA. 730+17, ELEV. 2101.10', XR#SM1630, JOINT# 1748
STA. 730+68, ELEV. 2095.70', XR#SM1631, JOINT# 1749
STA. 731+16, ELEV. 2091.60', XR#SM1632, JOINT# 1750
STA. 731+66, ELEV. 2087.90', XR#SM1633, JOINT# 1751
STA. 732+16, ELEV. 2085.20', XR#SM1634, JOINT# 1752
STA. 732+67, ELEV. 2085.30', XR#SM1635, JOINT# 1753
STA. 733+16, ELEV. 2086.20', XR#SM1636, JOINT# 1754
STA. 733+67, ELEV. 2086.80', XR#SM1637, JOINT# 1755
STA. 734+17, ELEV. 2082.90', XR#SM1638, JOINT# 1756
STA. 734+67, ELEV. 2081.10', XR#SM1639, JOINT# 1757
STA. 735+17, ELEV. 2082.00', XR#SM1640, JOINT# 1758
STA. 735+68, ELEV. 2082.80', XR#SM1641, JOINT# 1759
STA. 736+18, ELEV. 2082.00', XR#SM1642, JOINT# 1760
STA. 736+68, ELEV. 2081.10', XR#SM1643, JOINT# 1761
STA. 737+19, ELEV. 2080.10', XR#SM1644, JOINT# 1762
STA. 737+69, ELEV. 2076.80', XR#SM1645, JOINT# 1763
STA. 738+19, ELEV. 2071.40', XR#SM1646, JOINT# 1764
STA. 738+69, ELEV. 2068.60', XR#SM1647, JOINT# 1765
STA. 739+03, ELEV. 2069.00', XR#SM1648, JOINT# 1766
STA. 739+53, ELEV. 2070.90', XR#SM1649, JOINT# 1767
STA. 740+04, ELEV. 2072.40', XR#SM1650, JOINT# 1768
STA. 740+54, ELEV. 2071.60', XR#SM1651, JOINT# 1769
STA. 741+04, ELEV. 2068.70', XR#SM1652, JOINT# 1770
STA. 741+54, ELEV. 2067.80', XR#SM1653, JOINT# 1771
STA. 742+04, ELEV. 2067.90', XR#SM1654, JOINT# 1772
STA. 742+54, ELEV. 2068.70', XR#SM1655, JOINT# 1773
STA. 743+04, ELEV. 2070.50', XR#SM1656, JOINT# 1774
STA. 743+54, ELEV. 2071.70', XR#SMT218, JOINT# 1775
STA. 744+03, ELEV. 2072.10', XR#SM1656, JOINT# 1776
STA. 744+53, ELEV. 2073.70', XR#SM1657, JOINT# 1777
STA. 745+03, ELEV. 2076.10', XR#SM1658, JOINT# 1778
STA. 745+53, ELEV. 2077.30', XR#SM1659, JOINT# 1779
STA. 746+04, ELEV. 2076.90', XR#SM1660, JOINT# 1780
STA. 746+51, ELEV. 2076.20', XR#SM1661, JOINT# 1781
STA. 747+01, ELEV. 2074.80', XR#SM1662, JOINT# 1782

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 123	SHEET No. 23 OF 149

1

OWNERSHIP

747+50

46113
SORENSON, TYLER D
928 SPRING CREEK DR
WILLISTON ND 58801
1050.51 FT
63.67 RODS

758+01

20985
HOLM, ALAN O
1014 W BROADWAY
WILLISTON ND 58801
2199.49 FT
133.30 RODS

780+00

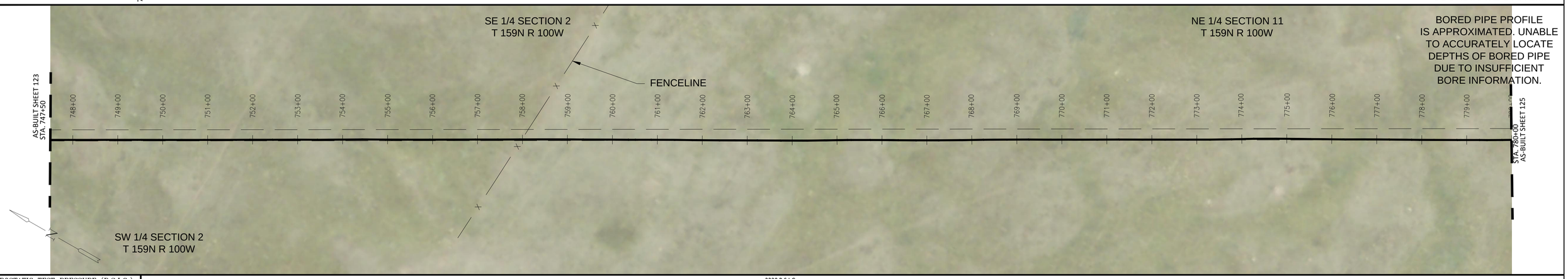
STATIONING

749+42 ROCK SHIELD

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



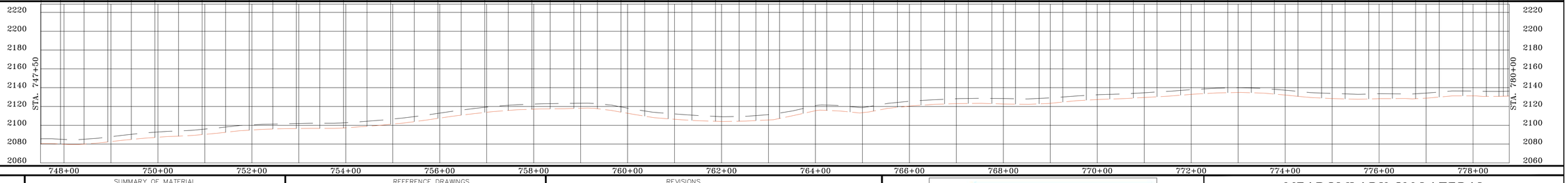
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 747+51, ELEV. 2075.00', XR#SM1663, JOINT# 1783
STA. 747+93, ELEV. 2075.90', XR#SM1664, JOINT# 1784
STA. 748+43, ELEV. 2079.00', XR#SM1665, JOINT# 1785
STA. 748+93, ELEV. 2080.50', XR#SM1666, JOINT# 1786
STA. 749+43, ELEV. 2079.60', XR#SM1667, JOINT# 1787
STA. 749+94, ELEV. 2081.20', XR#SM1668, JOINT# 1788
STA. 750+44, ELEV. 2084.00', XR#SM1669, JOINT# 1789
STA. 750+94, ELEV. 2086.40', XR#SM1670, JOINT# 1790
STA. 751+44, ELEV. 2088.10', XR#SM1671, JOINT# 1791
STA. 751+94, ELEV. 2089.20', XR#SM1672, JOINT# 1792
STA. 752+45, ELEV. 2091.50', XR#SM1673, JOINT# 1793
STA. 752+95, ELEV. 2094.20', XR#SM1674, JOINT# 1794
STA. 753+45, ELEV. 2095.70', XR#SM1675, JOINT# 1795
STA. 753+95, ELEV. 2096.50', XR#SM1676, JOINT# 1796
STA. 754+45, ELEV. 2096.70', XR#SM1677, JOINT# 1797
STA. 754+96, ELEV. 2096.70', XR#SM1678, JOINT# 1798
STA. 755+46, ELEV. 2098.20', XR#SM1679, JOINT# 1799
STA. 755+96, ELEV. 2100.10', XR#SM1680, JOINT# 1800
STA. 756+46, ELEV. 2102.50', XR#SM1681, JOINT# 1801
STA. 756+96, ELEV. 2105.80', XR#SM1682, JOINT# 1802
STA. 757+46, ELEV. 2109.50', XR#SM1683, JOINT# 1803
STA. 757+96, ELEV. 2112.50', XR#SM1684, JOINT# 1804
STA. 758+35, ELEV. 2114.60', XR#SM1685, JOINT# 1805
STA. 758+85, ELEV. 2116.50', XR#SM1686, JOINT# 1806
STA. 759+36, ELEV. 2117.40', XR#SM1687, JOINT# 1807
STA. 759+86, ELEV. 2117.70', XR#SM1688, JOINT# 1808
STA. 760+36, ELEV. 2118.30', XR#SM1689, JOINT# 1809
STA. 760+87, ELEV. 2115.80', XR#SM1690, JOINT# 1810
STA. 761+37, ELEV. 2111.40', XR#SM1691, JOINT# 1811
STA. 761+87, ELEV. 2107.70', XR#SM1692, JOINT# 1812
STA. 762+38, ELEV. 2105.80', XR#SM1693, JOINT# 1813
STA. 762+73, ELEV. 2104.80', XR#SM1694, JOINT# 1814
STA. 763+23, ELEV. 2104.10', XR#SM1695, JOINT# 1815
STA. 763+74, ELEV. 2104.50', XR#SM1696, JOINT# 1816
STA. 764+24, ELEV. 2105.70', XR#SM1697, JOINT# 1817
STA. 764+74, ELEV. 2110.20', XR#SM1698, JOINT# 1818
STA. 765+24, ELEV. 2115.70', XR#SM1699, JOINT# 1819
STA. 765+74, ELEV. 2115.20', XR#SM1700, JOINT# 1820
STA. 766+25, ELEV. 2113.60', XR#SM1701, JOINT# 1821
STA. 766+75, ELEV. 2117.90', XR#SM1702, JOINT# 1822
STA. 767+25, ELEV. 2120.60', XR#SM1703, JOINT# 1823
STA. 767+75, ELEV. 2122.30', XR#SM1704, JOINT# 1824
STA. 768+26, ELEV. 2123.10', XR#SM1705, JOINT# 1825
STA. 768+76, ELEV. 2123.30', XR#SM1706, JOINT# 1826
STA. 769+26, ELEV. 2122.60', XR#SM1707, JOINT# 1827
STA. 769+77, ELEV. 2122.30', XR#SM1708, JOINT# 1828
STA. 770+27, ELEV. 2123.60', XR#SM1709, JOINT# 1829
STA. 770+77, ELEV. 2126.10', XR#SM1710, JOINT# 1830
STA. 771+27, ELEV. 2127.50', XR#SM1711, JOINT# 1831
STA. 771+78, ELEV. 2128.30', XR#SM1712, JOINT# 1832
STA. 772+28, ELEV. 2129.70', XR#SM1713, JOINT# 1833
STA. 772+78, ELEV. 2131.10', XR#SM1714, JOINT# 1834
STA. 773+28, ELEV. 2133.10', XR#SM1715, JOINT# 1835
STA. 773+77, ELEV. 2134.40', XR#SM1716, JOINT# 1836
STA. 774+27, ELEV. 2134.90', XR#SM1717, JOINT# 1837
STA. 774+78, ELEV. 2134.20', XR#SM1718, JOINT# 1838
STA. 775+28, ELEV. 2131.90', XR#SM1719, JOINT# 1839
STA. 775+78, ELEV. 2129.50', XR#SM1720, JOINT# 1840
STA. 776+28, ELEV. 2128.30', XR#SM1721, JOINT# 1841
STA. 776+78, ELEV. 2127.70', XR#SM1722, JOINT# 1842
STA. 777+28, ELEV. 2128.30', XR#SM1723, JOINT# 1843
STA. 777+78, ELEV. 2128.50', XR#SM1724, JOINT# 1844
STA. 778+28, ELEV. 2129.00', XR#SM1725, JOINT# 1845
STA. 778+79, ELEV. 2131.30', XR#SM1726, JOINT# 1846
STA. 779+29, ELEV. 2131.30', XR#SM1727, JOINT# 1847
STA. 779+79, ELEV. 2130.80', XR#SM1728, JOINT# 1848

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 124	SHEET No. 24 OF 149

1

OWNERSHIP

780+00	789+29	795+77	812+50
20985 HOLM, ALAN O 1014 W BROADWAY WILLISTON ND 58801 928.74 FT 56.29 RODS	37720 PASTERNAK, NICK P PO BOX 2007 WILLISTON ND 58802 648.06 FT 39.28 RODS	23330 MLJ STONEVILLE FARM LLP 12985 84TH ST NW ALAMO ND 58830 1673.20 FT 101.41 RODS	

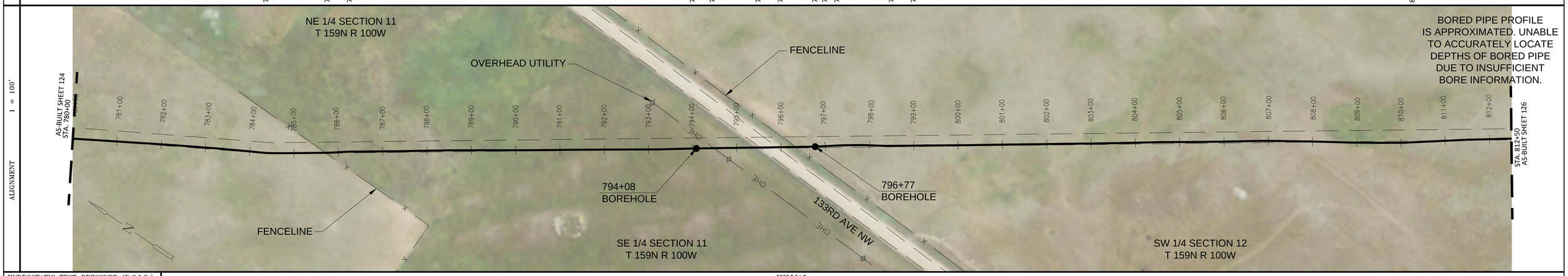
STATIONING

784+42 P.I. < 3°16'50" LT.
785+80 P.I. < 2°28'15" LT.
786+25 P.I. < 2°49'47" RT.
794+08 BOREHOLE
794+48 OVERHEAD ELECTRIC
795+52 EDGE OF GRAVEL
795+91 EDGE OF GRAVEL
796+53 TEST STATION
796+77 P.I. < 2°10'16" LT.
796+77 BOREHOLE
797+85 P.I. < 3°17'29" RT.
798+35 P.I. < 2°57'08" LT.
810+01 P.I. < 2°25'40" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

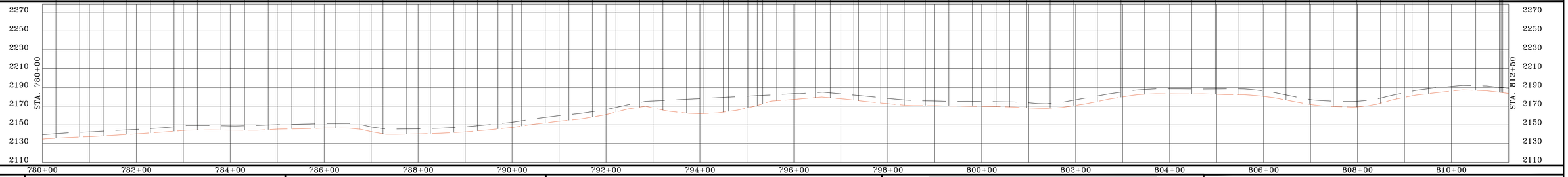


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 780+29, ELEV. 2131.40', XR#SM1729, JOINT# 1849
STA. 780+79, ELEV. 2133.00', XR#SM1730, JOINT# 1850
STA. 781+29, ELEV. 2135.00', XR#SM1731, JOINT# 1851
STA. 781+80, ELEV. 2136.50', XR#SM1732, JOINT# 1852
STA. 782+30, ELEV. 2137.50', XR#SM1733, JOINT# 1853
STA. 782+80, ELEV. 2139.00', XR#SM1734, JOINT# 1854
STA. 783+30, ELEV. 2140.50', XR#SM1735, JOINT# 1855
STA. 783+80, ELEV. 2142.20', XR#SM1736, JOINT# 1856
STA. 784+31, ELEV. 2144.20', XR#SM1737, JOINT# 1857
STA. 784+81, ELEV. 2144.50', XR#SM1738, JOINT# 1858
STA. 785+31, ELEV. 2144.20', XR#SMT219, JOINT# 1859
STA. 785+80, ELEV. 2144.10', XR#SM1740, JOINT# 1860
STA. 786+25, ELEV. 2145.40', XR#SMT220, JOINT# 1861
STA. 786+75, ELEV. 2145.70', XR#SM1739, JOINT# 1862
STA. 787+25, ELEV. 2146.50', XR#SM1741, JOINT# 1863
STA. 787+76, ELEV. 2146.40', XR#SM1742, JOINT# 1864
STA. 788+26, ELEV. 2142.40', XR#SM1743, JOINT# 1865
STA. 788+76, ELEV. 2139.90', XR#SM1744, JOINT# 1866
STA. 789+26, ELEV. 2140.30', XR#SM1745, JOINT# 1867
STA. 789+70, ELEV. 2141.00', XR#SM1746, JOINT# 1868
STA. 790+20, ELEV. 2142.20', XR#SM1747, JOINT# 1869
STA. 790+70, ELEV. 2144.40', XR#SM1748, JOINT# 1870
STA. 791+21, ELEV. 2147.00', XR#SM1749, JOINT# 1871
STA. 791+71, ELEV. 2150.70', XR#SM1750, JOINT# 1872
STA. 792+21, ELEV. 2153.70', XR#SM1751, JOINT# 1873
STA. 792+71, ELEV. 2156.30', XR#SM1752, JOINT# 1874
STA. 793+21, ELEV. 2160.50', XR#SM1753, JOINT# 1875
STA. 793+72, ELEV. 2166.90', XR#SMT221, JOINT# 1876
STA. 794+08, ELEV. 2169.80', XR#SMT222, JOINT# 1877
STA. 794+50, ELEV. 2165.22', XR#SMB205, JOINT# 877BR
STA. 794+61, ELEV. 2164.31', XR#SMB117, JOINT# 572BR
STA. 795+02, ELEV. 2162.22', XR#SMB206, JOINT# 571BR
STA. 795+22, ELEV. 2161.92', XR#SMB207, JOINT# 575BR
STA. 795+34, ELEV. 2161.95', XR#SMB122, JOINT# 573BR
STA. 795+64, ELEV. 2162.76', XR#SMB208, JOINT# 572BR
STA. 796+05, ELEV. 2165.57', XR#SMB209, JOINT# 874BR
STA. 796+46, ELEV. 2170.34', XR#SMB210, JOINT# 875BR
STA. 796+77, ELEV. 2175.30', XR#SMT224, JOINT# 873BR
STA. 797+28, ELEV. 2177.10', XR#SM606, JOINT# 569
STA. 797+38, ELEV. 2177.60', XR#SMT223, JOINT# 570
STA. 797+85, ELEV. 2179.60', XR#SMT225, JOINT# 860
STA. 798+35, ELEV. 2177.40', XR#SM1754, JOINT# 1878
STA. 798+80, ELEV. 2174.80', XR#SM1755, JOINT# 1879
STA. 799+30, ELEV. 2172.40', XR#SM1756, JOINT# 1880
STA. 799+80, ELEV. 2170.60', XR#SM1757, JOINT# 1881
STA. 800+30, ELEV. 2170.50', XR#SM1758, JOINT# 1882
STA. 800+59, ELEV. 2170.10', XR#SM1759, JOINT# 1883
STA. 800+96, ELEV. 2169.80', XR#SM1760, JOINT# 1884
STA. 801+46, ELEV. 2169.60', XR#SM1761, JOINT# 1885
STA. 801+96, ELEV. 2168.90', XR#SM1762, JOINT# 1886
STA. 802+46, ELEV. 2167.70', XR#SM1763, JOINT# 1887
STA. 802+96, ELEV. 2168.50', XR#SM1764, JOINT# 1888
STA. 803+47, ELEV. 2172.30', XR#SM1765, JOINT# 1889
STA. 803+97, ELEV. 2177.40', XR#SM1766, JOINT# 1890
STA. 804+47, ELEV. 2181.40', XR#SM1767, JOINT# 1891
STA. 804+98, ELEV. 2183.10', XR#SM1768, JOINT# 1892
STA. 805+48, ELEV. 2182.90', XR#SM1769, JOINT# 1893
STA. 805+97, ELEV. 2183.00', XR#SM1770, JOINT# 1894
STA. 806+48, ELEV. 2182.20', XR#SM1771, JOINT# 1895
STA. 806+98, ELEV. 2181.70', XR#SM1772, JOINT# 1896
STA. 807+48, ELEV. 2178.90', XR#SM1773, JOINT# 1897
STA. 807+99, ELEV. 2174.20', XR#SM1774, JOINT# 1898
STA. 808+49, ELEV. 2170.40', XR#SM1775, JOINT# 1899
STA. 808+83, ELEV. 2169.40', XR#SM1776, JOINT# 1900
STA. 809+16, ELEV. 2168.90', XR#SM1777, JOINT# 1901
STA. 809+51, ELEV. 2170.50', XR#SM1778, JOINT# 1902
STA. 810+01, ELEV. 2176.60', XR#SM1779, JOINT# 1903
STA. 810+52, ELEV. 2181.70', XR#SM1780, JOINT# 1904
STA. 811+02, ELEV. 2184.60', XR#SM1781, JOINT# 1905
STA. 811+52, ELEV. 2187.20', XR#SM1782, JOINT# 1906
STA. 812+03, ELEV. 2186.30', XR#SM1783, JOINT# 1907
STA. 812+32, ELEV. 2184.60', XR#SM1784, JOINT# 1908

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,981 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	269 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 125	SHEET No. 25 OF 149 △1

OWNERSHIP

812+50 — 822+95 — 841+68 — 845+00

23330
MLJ STONEVILLE FARM LLP
12985 84TH ST NW
ALAMO ND 58830
1045.05 FT
63.34 RODS

23855
JOHNSON, LORING & MARLENE
1906 CREST ST
WILLISTON ND 58801
1873.15 FT
113.52 RODS

23855
JOHNSON, LORING & MARLENE
1906 CREST ST
WILLISTON ND 58801
331.80 FT
20.11 RODS

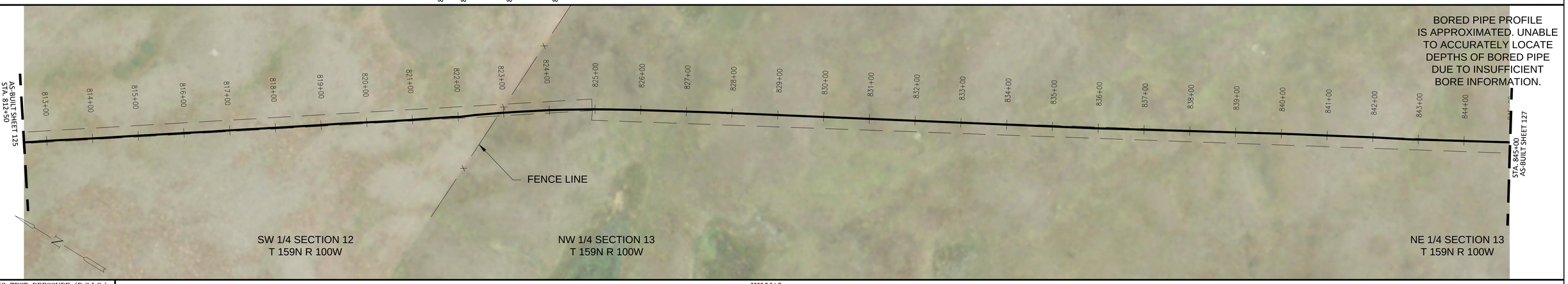
STATIONING

821+88 P.I. < 2°09'57" RT.
822+05 P.I. < 5°06'26" LT.
822+38 P.I. < 2°05'35" RT.
824+01 P.I. < 2°01'09" RT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



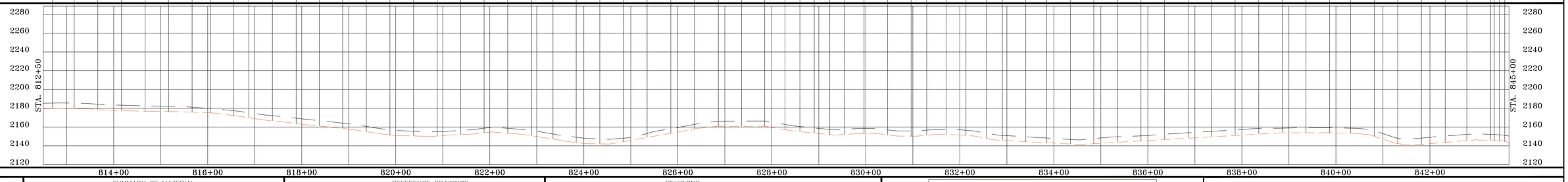
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 812+70, ELEV. 2181.90', XR#SM1785, JOINT# 1909
STA. 813+16, ELEV. 2179.90', XR#SM1786, JOINT# 1910
STA. 813+66, ELEV. 2179.70', XR#SM1787, JOINT# 1911
STA. 814+17, ELEV. 2180.00', XR#SM1788, JOINT# 1912
STA. 814+67, ELEV. 2179.60', XR#SM1789, JOINT# 1913
STA. 815+17, ELEV. 2178.10', XR#SM1790, JOINT# 1914
STA. 815+67, ELEV. 2177.20', XR#SM1791, JOINT# 1915
STA. 816+06, ELEV. 2176.70', XR#SM1792, JOINT# 1916
STA. 816+56, ELEV. 2176.40', XR#SM1793, JOINT# 1917
STA. 816+87, ELEV. 2176.00', XR#SM1794, JOINT# 1918
STA. 817+38, ELEV. 2175.10', XR#SM1795, JOINT# 1919
STA. 817+88, ELEV. 2171.90', XR#SM1796, JOINT# 1920
STA. 818+37, ELEV. 2168.20', XR#SM1797, JOINT# 1921
STA. 818+87, ELEV. 2165.60', XR#SM1798, JOINT# 1922
STA. 819+37, ELEV. 2162.40', XR#SM1799, JOINT# 1923
STA. 819+88, ELEV. 2160.00', XR#SM1800, JOINT# 1924
STA. 820+38, ELEV. 2157.20', XR#SM1801, JOINT# 1925
STA. 820+88, ELEV. 2153.40', XR#SM1802, JOINT# 1926
STA. 821+38, ELEV. 2150.90', XR#SM1803, JOINT# 1927
STA. 821+88, ELEV. 2150.20', XR#SM1804, JOINT# 1928
STA. 822+38, ELEV. 2151.40', XR#SMT226, JOINT# 1929
STA. 822+89, ELEV. 2152.30', XR#SM1805, JOINT# 1930
STA. 823+34, ELEV. 2154.80', XR#SMT227, JOINT# 1931
STA. 823+84, ELEV. 2152.80', XR#SM1806, JOINT# 1932
STA. 824+34, ELEV. 2149.50', XR#SM1807, JOINT# 1933
STA. 824+84, ELEV. 2145.50', XR#SM1808, JOINT# 1934
STA. 825+35, ELEV. 2142.30', XR#SM1809, JOINT# 1935
STA. 825+85, ELEV. 2141.90', XR#SM1810, JOINT# 1936
STA. 826+36, ELEV. 2143.70', XR#SM1811, JOINT# 1937
STA. 826+86, ELEV. 2144.99', XR#SM1812, JOINT# 1938
STA. 827+36, ELEV. 2151.17', XR#SM1813, JOINT# 1939
STA. 827+85, ELEV. 2158.37', XR#SM1814, JOINT# 1940
STA. 828+28, ELEV. 2160.64', XR#SM1815, JOINT# 1941
STA. 828+60, ELEV. 2156.78', XR#SM1816, JOINT# 1942
STA. 828+90, ELEV. 2156.14', XR#SM1817, JOINT# 1943
STA. 829+23, ELEV. 2155.44', XR#SM1818, JOINT# 1944
STA. 829+55, ELEV. 2156.51', XR#SM1819, JOINT# 1945
STA. 829+96, ELEV. 2155.73', XR#SM1820, JOINT# 1946
STA. 830+46, ELEV. 2152.82', XR#SM1821, JOINT# 1947
STA. 830+96, ELEV. 2151.76', XR#SM1822, JOINT# 1948
STA. 831+30, ELEV. 2151.06', XR#SM1823, JOINT# 1949
STA. 831+71, ELEV. 2150.19', XR#SM1824, JOINT# 1950
STA. 832+13, ELEV. 2149.29', XR#SM1825, JOINT# 1951
STA. 832+57, ELEV. 2149.41', XR#SM1826, JOINT# 1952
STA. 832+90, ELEV. 2151.04', XR#SM1827, JOINT# 1953
STA. 833+40, ELEV. 2150.36', XR#SM1828, JOINT# 1954
STA. 833+85, ELEV. 2147.63', XR#SM1829, JOINT# 1955
STA. 834+35, ELEV. 2145.73', XR#SM1830, JOINT# 1956
STA. 834+85, ELEV. 2143.53', XR#SM1831, JOINT# 1957
STA. 835+35, ELEV. 2142.46', XR#SM1832, JOINT# 1958
STA. 835+85, ELEV. 2141.40', XR#SM1833, JOINT# 1959
STA. 836+35, ELEV. 2139.59', XR#SM1834, JOINT# 1960
STA. 836+86, ELEV. 2139.31', XR#SM1835, JOINT# 1961
STA. 837+35, ELEV. 2140.05', XR#SM1836, JOINT# 1962
STA. 837+86, ELEV. 2138.83', XR#SM1837, JOINT# 1963
STA. 838+36, ELEV. 2141.21', XR#SM1838, JOINT# 1964
STA. 838+86, ELEV. 2141.09', XR#SM1839, JOINT# 1965
STA. 839+36, ELEV. 2143.27', XR#SM1840, JOINT# 1966
STA. 839+87, ELEV. 2153.77', XR#SM1841, JOINT# 1967
STA. 840+31, ELEV. 2154.33', XR#SM1842, JOINT# 1968
STA. 840+82, ELEV. 2153.91', XR#SM1843, JOINT# 1969
STA. 841+32, ELEV. 2153.51', XR#SM1844, JOINT# 1970
STA. 841+82, ELEV. 2155.54', XR#SM1845, JOINT# 1971
STA. 842+32, ELEV. 2148.42', XR#SM1846, JOINT# 1972
STA. 842+78, ELEV. 2143.40', XR#SM1847, JOINT# 1973
STA. 843+29, ELEV. 2142.49', XR#SM1848, JOINT# 1974
STA. 843+79, ELEV. 2144.73', XR#SM1849, JOINT# 1975
STA. 844+29, ELEV. 2146.14', XR#SM1850, JOINT# 1976
STA. 844+79, ELEV. 2144.66', XR#SM1851, JOINT# 1977

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 126	SHEET No. 26 OF 149 △1

OWNERSHIP

845+00 — 853+54 — 877+50

23855
JOHNSON, LORING & MARLENE
1906 CREST ST
WILLISTON ND 58801
854.03 FT
51.76 RODS

23815
JOHNSON, LESTER
56 W 22ND ST 11
WILLISTON ND 58801
2395.97 FT
145.21 RODS

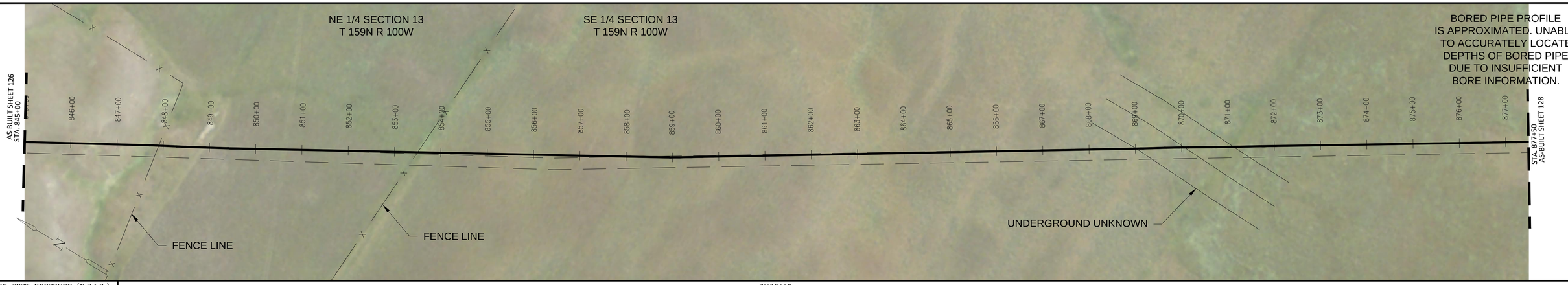
STATIONING

869+02 UNDERGROUND UNKNOWN
869+95 ONEOK GASLINE
871+12 UNDERGROUND UNKNOWN

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

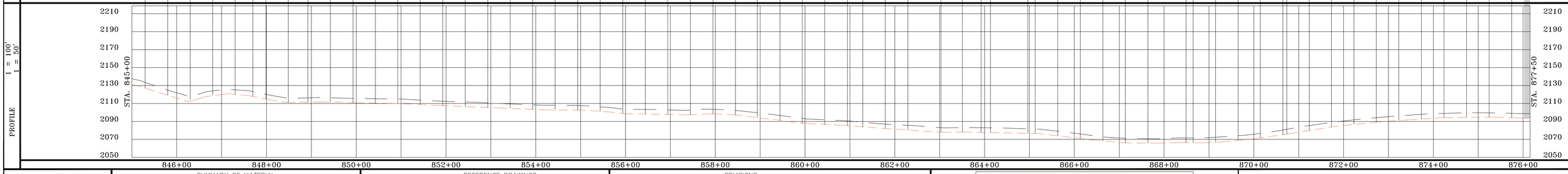


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 845+30, ELEV. 2128.47', XR#SM1852, JOINT# 1978
STA. 845+80, ELEV. 2134.22', XR#SM1853, JOINT# 1979
STA. 846+30, ELEV. 2131.87', XR#SM1854, JOINT# 1980
STA. 846+80, ELEV. 2119.53', XR#SM1855, JOINT# 1981
STA. 847+30, ELEV. 2116.55', XR#SM1856, JOINT# 1982
STA. 847+70, ELEV. 2114.20', XR#SM1857, JOINT# 1983
STA. 847+99, ELEV. 2117.80', XR#SM1858, JOINT# 1984
STA. 848+49, ELEV. 2120.90', XR#SMT218, JOINT# 1985
STA. 848+92, ELEV. 2118.80', XR#SM1859, JOINT# 1986
STA. 849+42, ELEV. 2113.80', XR#SM1860, JOINT# 1987
STA. 849+93, ELEV. 2110.46', XR#SM1861, JOINT# 1988
STA. 850+43, ELEV. 2106.10', XR#SM1862, JOINT# 1989
STA. 850+93, ELEV. 2102.33', XR#SM1863, JOINT# 1990
STA. 851+42, ELEV. 2098.56', XR#SM1864, JOINT# 1991
STA. 851+93, ELEV. 2099.70', XR#SM1865, JOINT# 1992
STA. 852+43, ELEV. 2094.59', XR#SM1866, JOINT# 1993
STA. 852+93, ELEV. 2092.30', XR#SM1867, JOINT# 1994
STA. 853+43, ELEV. 2093.62', XR#SM1868, JOINT# 1995
STA. 853+93, ELEV. 2091.58', XR#SM1869, JOINT# 1996
STA. 854+43, ELEV. 2092.54', XR#SM1870, JOINT# 1997
STA. 854+93, ELEV. 2093.51', XR#SM1871, JOINT# 1998
STA. 855+44, ELEV. 2093.97', XR#SM1872, JOINT# 1999
STA. 855+94, ELEV. 2094.88', XR#SM1873, JOINT# 2012
STA. 856+44, ELEV. 2098.40', XR#SM1874, JOINT# 2013
STA. 856+94, ELEV. 2099.16', XR#SM1875, JOINT# 2014
STA. 857+45, ELEV. 2098.03', XR#SM1876, JOINT# 2015
STA. 857+95, ELEV. 2099.38', XR#SM1877, JOINT# 2016
STA. 858+45, ELEV. 2096.83', XR#SM1878, JOINT# 2017
STA. 858+94, ELEV. 2097.70', XR#SM1879, JOINT# 2018
STA. 859+44, ELEV. 2097.02', XR#SM1880, JOINT# 2019
STA. 859+94, ELEV. 2096.07', XR#SM1881, JOINT# 2020
STA. 860+44, ELEV. 2092.36', XR#SM1882, JOINT# 2021
STA. 860+94, ELEV. 2090.57', XR#SM1883, JOINT# 2022
STA. 861+29, ELEV. 2086.20', XR#SM1884, JOINT# 2023
STA. 861+79, ELEV. 2082.33', XR#SM1885, JOINT# 2024
STA. 862+29, ELEV. 2078.45', XR#SM1886, JOINT# 2025
STA. 863+03, ELEV. 2073.08', XR#SM1887, JOINT# 2026
STA. 863+51, ELEV. 2073.50', XR#SM1888, JOINT# 2027
STA. 863+92, ELEV. 2076.83', XR#SM1889, JOINT# 2028
STA. 864+13, ELEV. 2076.86', XR#SM1890, JOINT# 2029
STA. 864+97, ELEV. 2076.28', XR#SM1891, JOINT# 2030
STA. 865+13, ELEV. 2075.71', XR#SM1892, JOINT# 2031
STA. 865+63, ELEV. 2076.22', XR#SM1893, JOINT# 2032
STA. 866+13, ELEV. 2076.94', XR#SM1894, JOINT# 2033
STA. 866+64, ELEV. 2075.73', XR#SM1895, JOINT# 2034
STA. 867+14, ELEV. 2068.56', XR#SM1896, JOINT# 2035
STA. 867+64, ELEV. 2066.78', XR#SM1897, JOINT# 2036
STA. 868+49, ELEV. 2066.96', XR#SM1898, JOINT# 2037
STA. 868+65, ELEV. 2066.34', XR#SM1899, JOINT# 2038
STA. 869+15, ELEV. 2066.52', XR#SM1900, JOINT# 2039
STA. 869+65, ELEV. 2066.30', XR#SMT229, JOINT# 2040
STA. 870+14, ELEV. 2062.90', XR#SM1901, JOINT# 2041
STA. 870+65, ELEV. 2062.90', XR#SM1903, JOINT# 2042
STA. 870+73, ELEV. 2062.90', XR#SMT230, JOINT# 2043
STA. 871+24, ELEV. 2062.90', XR#SM1902, JOINT# 2044
STA. 871+73, ELEV. 2071.90', XR#SM1904, JOINT# 2045
STA. 872+23, ELEV. 2077.58', XR#SM1905, JOINT# 2046
STA. 872+73, ELEV. 2080.11', XR#SM1906, JOINT# 2047
STA. 873+23, ELEV. 2082.65', XR#SM1907, JOINT# 2048
STA. 873+73, ELEV. 2086.73', XR#SM1908, JOINT# 2049
STA. 874+24, ELEV. 2090.01', XR#SM1909, JOINT# 2050
STA. 874+74, ELEV. 2090.09', XR#SM1910, JOINT# 2051
STA. 875+24, ELEV. 2092.87', XR#SM1911, JOINT# 2052
STA. 875+74, ELEV. 2092.96', XR#SM1912, JOINT# 2053
STA. 876+25, ELEV. 2094.14', XR#SM1913, JOINT# 2054
STA. 876+74, ELEV. 2093.02', XR#SM1914, JOINT# 2055
STA. 877+23, ELEV. 2093.10', XR#SM1915, JOINT# 2056

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 127	SHEET No. 27 OF 149

1

OWNERSHIP

877+50	886+58	887+67	910+00
23815 JOHNSON, LESTER 56 W 22ND ST 11 WILLISTON ND 58801 908.12 FT 55.04 RODS	06920 TENACITY RANCH LLLP 1516 4TH AVE E WILLISTON ND 58801 108.98 FT 6.60 RODS	17235 HALVORSON, MERLE G PO BOX 6 ALAMO ND 58830 2232.90 FT 135.33 RODS	

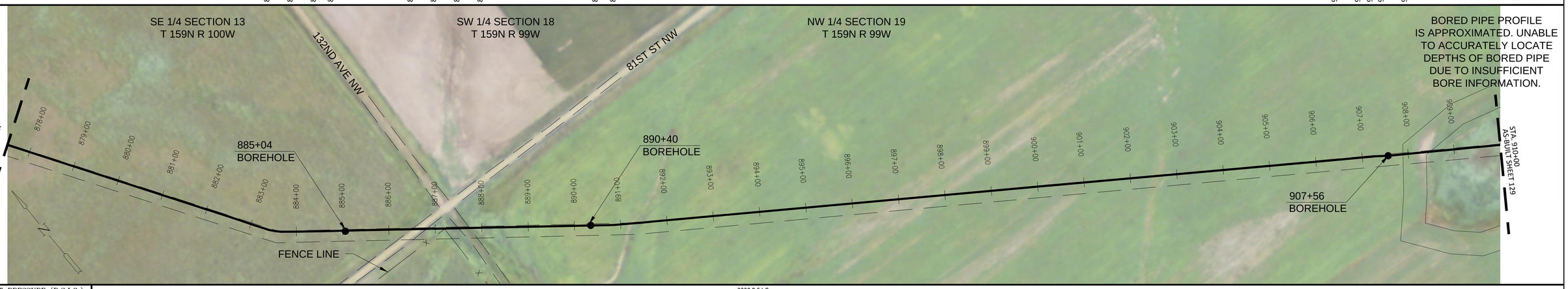
STATIONING

883+41 P.I. < 8°21'01" LT.
883+55 P.I. < 3°11'29" LT.
883+67 P.I. < 6°57'06" LT.
885+04 BOREHOLE
886+49 EDGE OF GRAVEL
886+81 EDGE OF GRAVEL
887+50 EDGE OF GRAVEL
887+74 EDGE OF GRAVEL
890+40 BOREHOLE
890+85 P.I. < 3°49'45" LT.
907+31 P.I. < 2°51'42" RT.
907+56 P.I. < 3°13'32" LT.
907+56 BOREHOLE
907+89 EDGE OF WATER
908+48 EDGE OF WATER

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

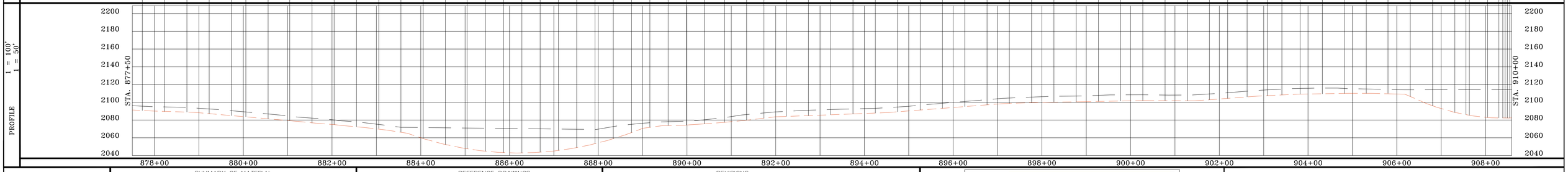


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 877+72, ELEV. 2091.66', XR#SM1916, JOINT# 2057
STA. 878+23, ELEV. 2090.21', XR#SM1917, JOINT# 2058
STA. 878+73, ELEV. 2088.76', XR#SM1918, JOINT# 2059
STA. 879+23, ELEV. 2088.55', XR#SM1919, JOINT# 2060
STA. 879+73, ELEV. 2085.85', XR#SM1920, JOINT# 2061
STA. 880+06, ELEV. 2084.92', XR#SM1921, JOINT# 2062
STA. 880+56, ELEV. 2083.46', XR#SM1922, JOINT# 2063
STA. 881+05, ELEV. 2085.54', XR#SM1923, JOINT# 2064
STA. 881+55, ELEV. 2083.18', XR#SM1924, JOINT# 2065
STA. 882+05, ELEV. 2081.14', XR#SM1925, JOINT# 2066
STA. 882+55, ELEV. 2077.70', XR#SM1926, JOINT# 2067
STA. 883+05, ELEV. 2076.10', XR#SM1927, JOINT# 2068
STA. 883+55, ELEV. 2074.00', XR#SM1928, JOINT# 2069
STA. 884+06, ELEV. 2071.70', XR#SM1929, JOINT# 2070
STA. 884+56, ELEV. 2069.90', XR#SMT231, JOINT# 2071
STA. 885+04, ELEV. 2065.10', XR#SMT232, JOINT# 2072
STA. 885+46, ELEV. 2058.44', XR#NONE, JOINT# NONE
STA. 885+87, ELEV. 2052.96', XR#NONE, JOINT# NONE
STA. 886+28, ELEV. 2048.66', XR#NONE, JOINT# NONE
STA. 886+69, ELEV. 2045.55', XR#NONE, JOINT# NONE
STA. 887+10, ELEV. 2043.62', XR#NONE, JOINT# NONE
STA. 887+52, ELEV. 2042.88', XR#NONE, JOINT# NONE
STA. 887+93, ELEV. 2043.33', XR#NONE, JOINT# NONE
STA. 888+34, ELEV. 2044.96', XR#NONE, JOINT# NONE
STA. 888+75, ELEV. 2047.79', XR#NONE, JOINT# NONE
STA. 889+16, ELEV. 2051.80', XR#NONE, JOINT# NONE
STA. 889+58, ELEV. 2056.98', XR#NONE, JOINT# NONE
STA. 889+99, ELEV. 2063.35', XR#NONE, JOINT# NONE
STA. 890+40, ELEV. 2070.80', XR#SMT233, JOINT# NONE
STA. 890+85, ELEV. 2073.80', XR#SMT234, JOINT# 2108
STA. 891+35, ELEV. 2073.10', XR#SM1930, JOINT# 2074
STA. 891+74, ELEV. 2074.60', XR#SM1931, JOINT# 2075
STA. 892+24, ELEV. 2077.50', XR#SM1932, JOINT# 2076
STA. 892+74, ELEV. 2078.99', XR#SM1933, JOINT# 2077
STA. 893+24, ELEV. 2080.48', XR#SM1934, JOINT# 2078
STA. 893+74, ELEV. 2083.61', XR#SM1935, JOINT# 2079
STA. 894+25, ELEV. 2085.24', XR#SM1936, JOINT# 2080
STA. 894+75, ELEV. 2084.97', XR#SM1937, JOINT# 2081
STA. 895+26, ELEV. 2086.48', XR#SM1938, JOINT# 2082
STA. 895+76, ELEV. 2087.97', XR#SM1939, JOINT# 2083
STA. 896+26, ELEV. 2089.47', XR#SM1940, JOINT# 2084
STA. 896+76, ELEV. 2090.96', XR#SM1941, JOINT# 2085
STA. 897+27, ELEV. 2092.45', XR#SM1942, JOINT# 2086
STA. 897+77, ELEV. 2093.95', XR#SM1943, JOINT# 2087
STA. 898+27, ELEV. 2095.44', XR#SM1944, JOINT# 2088
STA. 898+77, ELEV. 2097.66', XR#SM1945, JOINT# 2089
STA. 899+28, ELEV. 2098.89', XR#SM1946, JOINT# 2090
STA. 899+77, ELEV. 2099.91', XR#SM1947, JOINT# 2091
STA. 900+28, ELEV. 2101.86', XR#SM1948, JOINT# 2092
STA. 900+78, ELEV. 2102.12', XR#SM1949, JOINT# 2093
STA. 901+28, ELEV. 2102.85', XR#SM1950, JOINT# 2094
STA. 901+78, ELEV. 2103.57', XR#SM1951, JOINT# 2095
STA. 902+19, ELEV. 2104.16', XR#SM1952, JOINT# 2096
STA. 902+63, ELEV. 2107.00', XR#SM1953, JOINT# 2097
STA. 903+08, ELEV. 2105.45', XR#SM1954, JOINT# 2098
STA. 903+41, ELEV. 2105.92', XR#SM1955, JOINT# 2099
STA. 903+82, ELEV. 2106.52', XR#SM1956, JOINT# 2100
STA. 904+32, ELEV. 2107.24', XR#SM1957, JOINT# 2101
STA. 904+83, ELEV. 2107.97', XR#SM1958, JOINT# 2102
STA. 905+31, ELEV. 2108.67', XR#SM1959, JOINT# 2103
STA. 905+80, ELEV. 2109.38', XR#SM1960, JOINT# 2104
STA. 906+30, ELEV. 2110.10', XR#SM1961, JOINT# 2105
STA. 906+81, ELEV. 2110.10', XR#SM1962, JOINT# 2106
STA. 907+31, ELEV. 2110.10', XR#SMT235, JOINT# 2107
STA. 907+56, ELEV. 2109.70', XR#SMT236, JOINT# 2109
STA. 907+64, ELEV. 2107.84', XR#NONE, JOINT# 1343BRA
STA. 908+05, ELEV. 2099.00', XR#NONE, JOINT# 1342BR
STA. 908+30, ELEV. 2094.49', XR#SMB217, JOINT# 324BR
STA. 908+71, ELEV. 2088.63', XR#SMB218, JOINT# 2003BR
STA. 909+12, ELEV. 2084.64', XR#SMB219, JOINT# 2004BR
STA. 909+54, ELEV. 2082.52', XR#SMB220, JOINT# 2005BR
STA. 909+95, ELEV. 2082.28', XR#SMB221, JOINT# 2006BR

PROFILE 1 = 100' / 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,471 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	779 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 128	SHEET No. 28 OF 149 △1

OWNERSHIP

910+00 — 910+99: 17235 HALVORSON, MERLE G, PO BOX 6, ALAMO ND 58830, 99.27 FT, 6.02 RODS

910+99 — 942+50: 23775 JOHNSON, LARRY S & NANCY L, 13469 77TH ST NW, ALAMO ND 58830, 3150.73 FT, 190.95 RODS

STATIONING

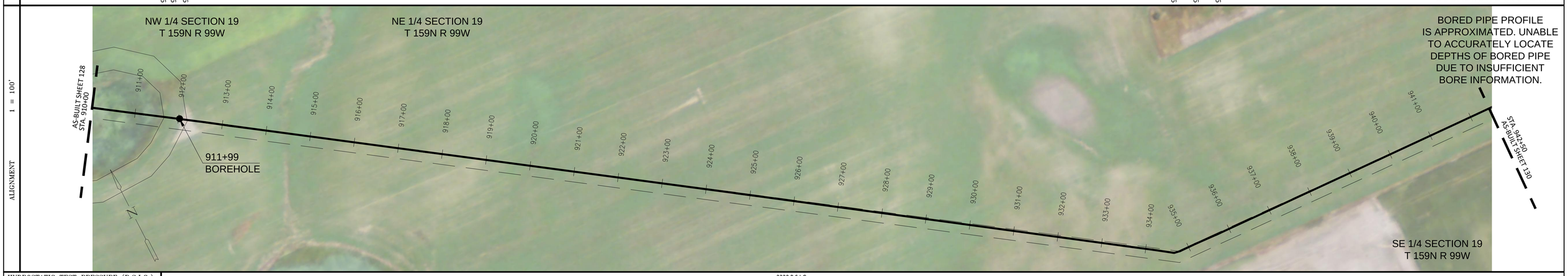
911+67 EDGE OF WATER
911+99 BOREHOLE
912+19 EDGE OF WATER

934+65 P.I. < 21°37'02" LT.
934+67 P.I. < 3°04'18" LT.
934+79 P.I. < 8°34'48" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



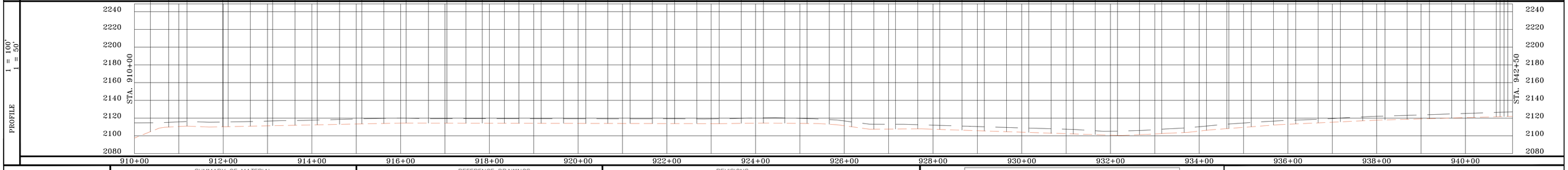
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 910+36, ELEV. 2083.92', XR#SMB222, JOINT#. 2007BR
STA. 910+77, ELEV. 2087.44', XR#SMB223, JOINT#. 2008BR
STA. 911+18, ELEV. 2092.82', XR#SMB224, JOINT#. 2009BR
STA. 911+99, ELEV. 2108.70', XR#SMT237, JOINT#. 2010BR
STA. 912+11, ELEV. 2109.60', XR#SMT238, JOINT#. 2110
STA. 912+61, ELEV. 2111.00', XR#SM1963, JOINT#. 2111
STA. 913+12, ELEV. 2109.90', XR#SM1964, JOINT#. 2112
STA. 913+62, ELEV. 2107.32', XR#SM1965, JOINT#. 2113
STA. 914+12, ELEV. 2110.94', XR#SM1966, JOINT#. 2114
STA. 914+62, ELEV. 2111.46', XR#SM1967, JOINT#. 2115
STA. 915+13, ELEV. 2111.98', XR#SM1968, JOINT#. 2116
STA. 915+62, ELEV. 2113.39', XR#SM1969, JOINT#. 2117
STA. 916+12, ELEV. 2113.01', XR#SM1970, JOINT#. 2118
STA. 916+63, ELEV. 2113.53', XR#SM1971, JOINT#. 2119
STA. 917+04, ELEV. 2113.95', XR#SM1972, JOINT#. 2120
STA. 917+47, ELEV. 2114.40', XR#SM1973, JOINT#. 2121
STA. 917+84, ELEV. 2114.36', XR#SM1974, JOINT#. 2122
STA. 918+34, ELEV. 2114.32', XR#SM1975, JOINT#. 2123
STA. 918+67, ELEV. 2111.49', XR#SM1976, JOINT#. 2124
STA. 919+17, ELEV. 2107.15', XR#SM1977, JOINT#. 2125
STA. 919+67, ELEV. 2105.02', XR#SM1978, JOINT#. 2126
STA. 920+17, ELEV. 2104.69', XR#SM1979, JOINT#. 2127
STA. 920+67, ELEV. 2105.35', XR#SM1980, JOINT#. 2128
STA. 921+17, ELEV. 2105.32', XR#SM1981, JOINT#. 2129
STA. 921+67, ELEV. 2113.99', XR#SM1982, JOINT#. 2130
STA. 922+18, ELEV. 2113.94', XR#SM1983, JOINT#. 2131
STA. 922+68, ELEV. 2113.89', XR#SM1984, JOINT#. 2132
STA. 923+18, ELEV. 2113.84', XR#SM1985, JOINT#. 2133
STA. 923+68, ELEV. 2113.80', XR#SM1986, JOINT#. 2134
STA. 924+18, ELEV. 2113.75', XR#SM1987, JOINT#. 2135
STA. 924+66, ELEV. 2113.70', XR#SM1988, JOINT#. 2136
STA. 925+16, ELEV. 2112.96', XR#SM1989, JOINT#. 2137
STA. 925+66, ELEV. 2113.07', XR#SM1990, JOINT#. 2138
STA. 926+16, ELEV. 2111.48', XR#SM1991, JOINT#. 2139
STA. 926+67, ELEV. 2114.04', XR#SM1992, JOINT#. 2140
STA. 927+15, ELEV. 2114.51', XR#SM1993, JOINT#. 2141
STA. 927+66, ELEV. 2108.07', XR#SM1994, JOINT#. 2142
STA. 928+15, ELEV. 2108.54', XR#SM1995, JOINT#. 2143
STA. 928+65, ELEV. 2102.00', XR#SM1996, JOINT#. 2144
STA. 929+16, ELEV. 2101.96', XR#SM1997, JOINT#. 2145
STA. 929+66, ELEV. 2098.50', XR#SM1998, JOINT#. 2146
STA. 930+16, ELEV. 2097.78', XR#SM1999, JOINT#. 2147
STA. 930+66, ELEV. 2097.99', XR#SM2000, JOINT#. 2148
STA. 931+16, ELEV. 2098.50', XR#SM2001, JOINT#. 2149
STA. 931+66, ELEV. 2098.76', XR#SM2002, JOINT#. 2150
STA. 932+16, ELEV. 2099.22', XR#SM2003, JOINT#. 2151
STA. 932+65, ELEV. 2099.53', XR#SM2004, JOINT#. 2152
STA. 933+16, ELEV. 2101.15', XR#SM2005, JOINT#. 2153
STA. 933+66, ELEV. 2100.40', XR#SM2006, JOINT#. 2154
STA. 934+16, ELEV. 2101.40', XR#SM2007, JOINT#. 2155
STA. 934+62, ELEV. 2102.60', XR#SMT239, JOINT#. 2156
STA. 934+67, ELEV. 2102.80', XR#SMT240, JOINT#. F33
STA. 935+17, ELEV. 2103.90', XR#SM2008, JOINT#. 2157
STA. 935+67, ELEV. 2106.20', XR#SM2009, JOINT#. 2158
STA. 936+18, ELEV. 2107.56', XR#SM2010, JOINT#. 2159
STA. 936+68, ELEV. 2108.93', XR#SM2011, JOINT#. 2160
STA. 937+18, ELEV. 2110.29', XR#SM2012, JOINT#. 2161
STA. 937+68, ELEV. 2111.65', XR#SM2013, JOINT#. 2162
STA. 938+19, ELEV. 2113.02', XR#SM2014, JOINT#. 2163
STA. 938+69, ELEV. 2114.38', XR#SM2015, JOINT#. 2164
STA. 939+19, ELEV. 2115.74', XR#SM2016, JOINT#. 2165
STA. 939+69, ELEV. 2117.10', XR#SM2017, JOINT#. 2166
STA. 940+19, ELEV. 2117.98', XR#SM2018, JOINT#. 2167
STA. 940+69, ELEV. 2118.86', XR#SM2019, JOINT#. 2168
STA. 941+20, ELEV. 2119.74', XR#SM2020, JOINT#. 2169
STA. 941+70, ELEV. 2120.62', XR#SM2021, JOINT#. 2170
STA. 942+20, ELEV. 2121.49', XR#SM2022, JOINT#. 2171

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,051 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	199 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 129	SHEET No. 29 OF 149

OWNERSHIP

942+50 – 946+06	946+06 – 948+41	948+41 – 975+00
23775 JOHNSON, LARRY S & NANCY L 13469 77TH ST NW ALAMO ND 58830 355.71 FT 21.56 RODS	23775 JOHNSON, LARRY S & NANCY L 13469 77TH ST NW ALAMO ND 58830 235.34 FT 14.26 RODS	17235 HALVERSON, MERLE PO BOX 6 ALAMO ND 58830 2658.95 FT 161.15 RODS

STATIONING

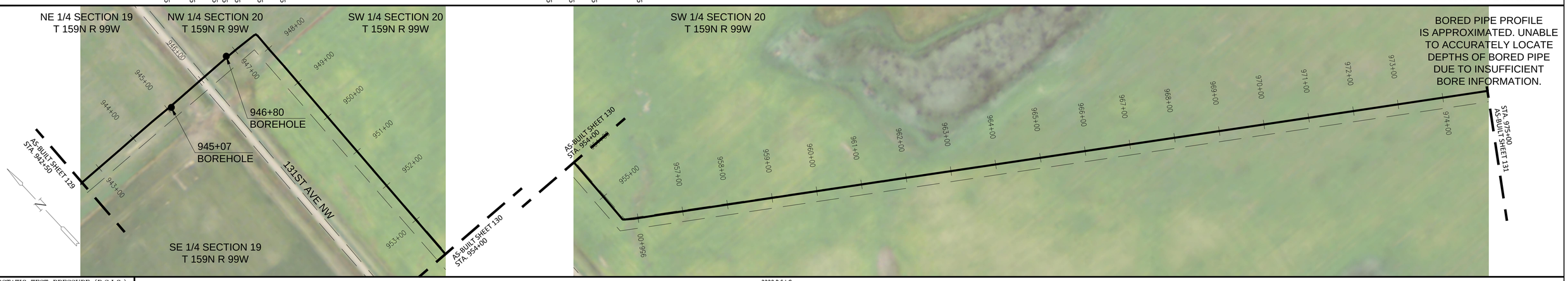
945+07 BOREHOLE
945+93 EDGE OF GRAVEL
946+11 EDGE OF GRAVEL
946+80 BOREHOLE
947+54 P.I. < 13°10'42" RT.
947+58 P.I. < 60°03'42" RT.
947+63 P.I. < 14°53'55" RT.
955+64 P.I. < 14°25'51" LT.
955+67 P.I. < 34°56'24" LT.
955+70 P.I. < 5°12'26" LT.
955+90 P.I. < 4°19'01" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

ALIGNMENT 1 = 100'

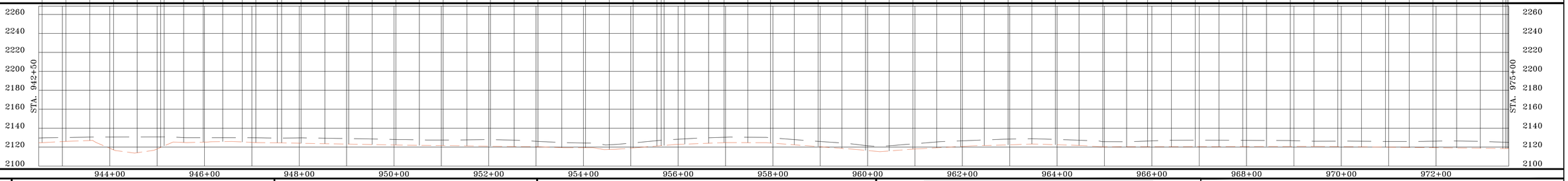


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 942+57, ELEV. 2122.14', XR#SM2023, JOINT# 2172
STA. 943+07, ELEV. 2123.02', XR#SM2024, JOINT# 2173
STA. 943+58, ELEV. 2123.90', XR#SM2025, JOINT# 2174
STA. 944+08, ELEV. 2124.90', XR#SM2026, JOINT# 2175
STA. 944+58, ELEV. 2126.20', XR#SMT241, JOINT# 2176
STA. 945+07, ELEV. 2127.10', XR#SMT242, JOINT# 2180
STA. 945+15, ELEV. 2124.93', XR#SMB211, JOINT# 873BRA
STA. 945+56, ELEV. 2116.45', XR#NONE, JOINT# 872BR
STA. 945+97, ELEV. 2113.69', XR#SMB212, JOINT# 2000DR
STA. 946+39, ELEV. 2116.70', XR#SMB213, JOINT# 2001BR
STA. 946+80, ELEV. 2125.40', XR#SMT243, JOINT# 2002BR
STA. 947+08, ELEV. 2124.80', XR#SM2027, JOINT# 2178
STA. 947+54, ELEV. 2125.40', XR#SMT244, JOINT# 2177
STA. 947+63, ELEV. 2125.70', XR#SMT245, JOINT# F34
STA. 948+04, ELEV. 2126.00', XR#SMT246, JOINT# 2181
STA. 948+54, ELEV. 2124.80', XR#SM2028, JOINT# 2182
STA. 949+04, ELEV. 2124.50', XR#SM2029, JOINT# 2183
STA. 949+54, ELEV. 2124.04', XR#SM2030, JOINT# 2184
STA. 950+04, ELEV. 2123.58', XR#SM2031, JOINT# 2185
STA. 950+54, ELEV. 2123.13', XR#SM2032, JOINT# 2186
STA. 951+04, ELEV. 2122.66', XR#SM2033, JOINT# 2187
STA. 951+54, ELEV. 2122.20', XR#SM2034, JOINT# 2188
STA. 952+04, ELEV. 2121.89', XR#SM2035, JOINT# 2189
STA. 952+54, ELEV. 2121.57', XR#SM2036, JOINT# 2190
STA. 953+04, ELEV. 2121.25', XR#SM2037, JOINT# 2191
STA. 953+54, ELEV. 2121.63', XR#SM2038, JOINT# 2192
STA. 954+04, ELEV. 2120.62', XR#SM2039, JOINT# 2193
STA. 954+55, ELEV. 2120.30', XR#SM2040, JOINT# 2194
STA. 955+05, ELEV. 2119.40', XR#SM2041, JOINT# 2195
STA. 955+55, ELEV. 2119.40', XR#SMT247, JOINT# 2196
STA. 955+64, ELEV. 2119.40', XR#SMT248, JOINT# 2266
STA. 955+70, ELEV. 2119.10', XR#SMT249, JOINT# F35
STA. 956+14, ELEV. 2117.70', XR#SM2042, JOINT# 2197
STA. 956+64, ELEV. 2119.60', XR#SM2043, JOINT# 2198
STA. 956+97, ELEV. 2119.34', XR#SM2044, JOINT# 2199
STA. 957+47, ELEV. 2118.95', XR#SM2045, JOINT# 2200
STA. 957+95, ELEV. 2121.84', XR#SM2046, JOINT# 2201
STA. 958+45, ELEV. 2122.88', XR#SM2047, JOINT# 2202
STA. 958+95, ELEV. 2123.93', XR#SM2048, JOINT# 2203
STA. 959+46, ELEV. 2124.97', XR#SM2049, JOINT# 2204
STA. 959+95, ELEV. 2124.92', XR#SM2050, JOINT# 2205
STA. 960+46, ELEV. 2124.56', XR#SM2051, JOINT# 2206
STA. 960+96, ELEV. 2118.40', XR#SM2052, JOINT# 2207
STA. 961+46, ELEV. 2120.95', XR#SM2053, JOINT# 2208
STA. 961+96, ELEV. 2116.26', XR#SM2054, JOINT# 2209
STA. 962+46, ELEV. 2116.71', XR#SM2055, JOINT# 2210
STA. 962+97, ELEV. 2118.84', XR#SM2056, JOINT# 2211
STA. 963+47, ELEV. 2120.38', XR#SM2057, JOINT# 2212
STA. 963+96, ELEV. 2120.41', XR#SM2058, JOINT# 2213
STA. 964+46, ELEV. 2121.55', XR#SM2059, JOINT# 2214
STA. 964+97, ELEV. 2118.98', XR#SM2060, JOINT# 2215
STA. 965+47, ELEV. 2119.44', XR#SM2061, JOINT# 2216
STA. 965+91, ELEV. 2119.84', XR#SM2062, JOINT# 2217
STA. 966+41, ELEV. 2120.30', XR#SM2063, JOINT# 2218
STA. 966+92, ELEV. 2120.36', XR#SM2064, JOINT# 2219
STA. 967+42, ELEV. 2120.41', XR#SM2065, JOINT# 2220
STA. 967+92, ELEV. 2120.47', XR#SM2066, JOINT# 2221
STA. 968+42, ELEV. 2120.52', XR#SM2067, JOINT# 2222
STA. 968+92, ELEV. 2120.58', XR#SM2068, JOINT# 2223
STA. 969+42, ELEV. 2120.63', XR#SM2069, JOINT# 2224
STA. 969+93, ELEV. 2120.69', XR#SM2070, JOINT# 2225
STA. 970+43, ELEV. 2120.74', XR#SM2071, JOINT# 2226
STA. 970+93, ELEV. 2120.80', XR#SM2072, JOINT# 2227
STA. 971+44, ELEV. 2120.52', XR#SM2073, JOINT# 2228
STA. 971+93, ELEV. 2120.24', XR#SM2074, JOINT# 2229
STA. 972+44, ELEV. 2119.96', XR#SM2075, JOINT# 2230
STA. 972+94, ELEV. 2119.67', XR#SM2076, JOINT# 2231
STA. 973+41, ELEV. 2119.41', XR#SM2077, JOINT# 2232
STA. 973+91, ELEV. 2119.12', XR#SM2078, JOINT# 2233
STA. 974+42, ELEV. 2119.71', XR#SM2079, JOINT# 2234
STA. 974+92, ELEV. 2120.29', XR#SM2080, JOINT# 2235

PROFILE 1 = 100' / 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
– – – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,078 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	172 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 130	SHEET No. 30 OF 149 △1

OWNERSHIP

975+00		985+12		996+00		996+38		997+61		997+64		1002+75		1007+50
	17235 HALVERSON, MERLE PO BOX 6 ALAMO ND 58830 1012.24 FT 61.35 RODS		21885 HUNSAID, ANNA MAE 900 23RD ST NW MINOT ND 58703 1087.30 FT 65.90 RODS		17235 HALVERSON, MERLE PO BOX 6 ALAMO ND 58830 38.12 FT 2.31 RODS		15265 GREAT NORTHERN RAILWAY CO PO BOX 961089 FORT WORTH TX 76161 123.80 FT 7.50 RODS		17235 HALVERSON, MERLE PO BOX 6 ALAMO ND 58830 2.81 FT 0.17 RODS		46455 STATE OF NORTH DAKOTA STATE CAPITOL BISMARCK ND 58505 510.52 FT 30.94 RODS		17235 HALVERSON, MERLE PO BOX 6 ALAMO ND 58830 475.22 FT 28.80 RODS	

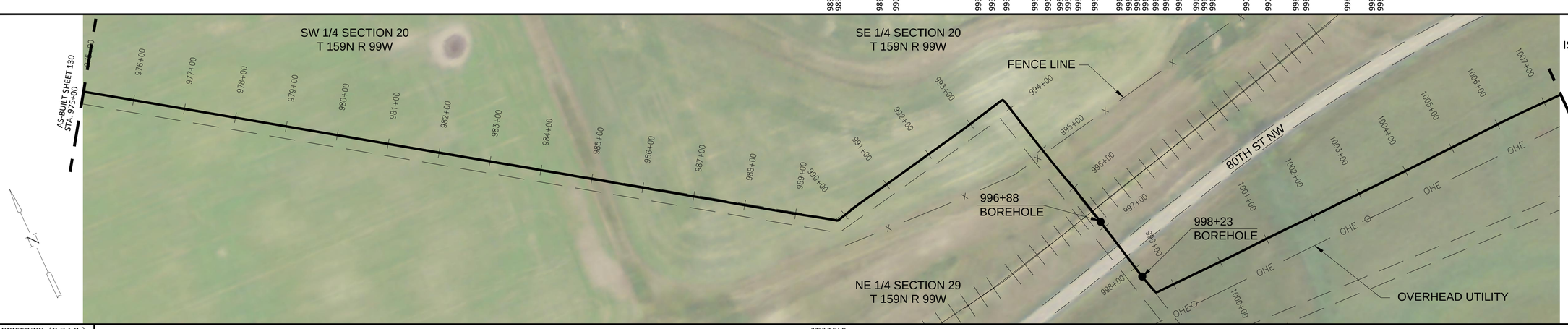
STATIONING

989+81 P.I. < 10°21'58" LT.
989+83 P.I. < 29°38'31" LT.
989+86 P.I. < 7°37'17" LT.
990+34 P.I. < 3°06'52" RT.
993+74 P.I. < 12°18'00" RT.
993+78 P.I. < 61°13'13" RT.
993+83 P.I. < 16°33'17" RT.
995+75 P.I. < 4°10'56" LT.
995+83 P.I. < 6°33'14" RT.
995+87 P.I. < 4°28'28" LT.
995+91 P.I. < 2°51'31" RT.
995+94 P.I. < 8°26'42" LT.
995+98 P.I. < 10°21'43" RT.
996+00 P.I. < 5°08'38" LT.
996+01 VALVE
996+03 P.I. < 6°42'05" RT.
996+04 P.I. < 2°51'36" LT.
996+13 P.I. < 5°23'00" LT.
996+21 P.I. < 2°25'04" RT.
996+61 EXISTING RAILROAD
996+62 EXISTING RAILROAD
996+88 BOREHOLE
997+45 EDGE OF ASPHALT
997+72 EDGE OF ASPHALT
998+23 P.I. < 3°43'27" LT.
998+23 BOREHOLE
998+60 P.I. < 23°24'14" LT.
998+63 P.I. < 39°32'39" LT.
998+66 P.I. < 12°03'15" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



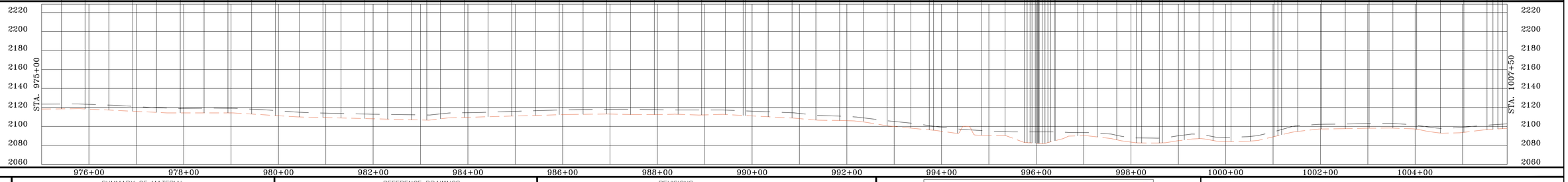
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 975+42, ELEV. 2118.28', XR#SM2081, JOINT# 2236
STA. 975+92, ELEV. 2118.00', XR#SM2082, JOINT# 2237
STA. 976+42, ELEV. 2117.28', XR#SM2083, JOINT# 2238
STA. 976+92, ELEV. 2116.55', XR#SM2084, JOINT# 2239
STA. 977+43, ELEV. 2117.67', XR#SM2085, JOINT# 2240
STA. 977+93, ELEV. 2116.70', XR#SM2086, JOINT# 2241
STA. 978+43, ELEV. 2114.38', XR#SM2087, JOINT# 2242
STA. 978+93, ELEV. 2113.66', XR#SM2088, JOINT# 2243
STA. 979+44, ELEV. 2112.94', XR#SM2089, JOINT# 2244
STA. 979+94, ELEV. 2112.21', XR#SM2090, JOINT# 2245
STA. 980+44, ELEV. 2113.71', XR#SM2091, JOINT# 2246
STA. 980+94, ELEV. 2112.65', XR#SM2092, JOINT# 2247
STA. 981+32, ELEV. 2111.90', XR#SM2093, JOINT# 2248
STA. 981+82, ELEV. 2109.50', XR#SM2094, JOINT# 2249
STA. 982+31, ELEV. 2109.70', XR#SM2095, JOINT# 2250
STA. 982+81, ELEV. 2109.92', XR#SM2096, JOINT# 2251
STA. 983+13, ELEV. 2109.17', XR#SM2097, JOINT# 2252
STA. 983+42, ELEV. 2108.42', XR#SM2098, JOINT# 2253
STA. 983+92, ELEV. 2108.22', XR#SM2099, JOINT# 2254
STA. 984+43, ELEV. 2107.13', XR#SM2100, JOINT# 2255
STA. 984+93, ELEV. 2109.13', XR#SM2101, JOINT# 2256
STA. 985+43, ELEV. 2109.33', XR#SM2102, JOINT# 2257
STA. 985+93, ELEV. 2111.23', XR#SM2103, JOINT# 2258
STA. 986+43, ELEV. 2111.44', XR#SM2104, JOINT# 2259
STA. 986+93, ELEV. 2111.65', XR#SM2105, JOINT# 2260
STA. 987+43, ELEV. 2111.87', XR#SM2106, JOINT# 2261
STA. 987+94, ELEV. 2112.08', XR#SM2107, JOINT# 2262
STA. 988+44, ELEV. 2112.29', XR#SM2108, JOINT# 2263
STA. 988+93, ELEV. 2112.50', XR#SM2109, JOINT# 2264
STA. 989+44, ELEV. 2112.50', XR#SM2110, JOINT# 2265
STA. 989+81, ELEV. 2112.80', XR#SMT251, JOINT# 2266A
STA. 989+86, ELEV. 2112.80', XR#SMT252, JOINT# F36
STA. 990+34, ELEV. 2112.00', XR#SM2111, JOINT# 2267
STA. 990+85, ELEV. 2112.70', XR#SM2112, JOINT# 2268
STA. 991+35, ELEV. 2111.37', XR#SM2113, JOINT# 2269
STA. 991+85, ELEV. 2110.03', XR#SM2114, JOINT# 2270
STA. 992+35, ELEV. 2108.70', XR#SM2115, JOINT# 2271
STA. 992+85, ELEV. 2106.60', XR#SM2116, JOINT# 2272
STA. 993+35, ELEV. 2106.20', XR#SMT253, JOINT# 2273
STA. 993+74, ELEV. 2105.90', XR#SMT254, JOINT# 2274
STA. 993+83, ELEV. 2105.30', XR#SMT285, JOINT# F37
STA. 994+34, ELEV. 2100.50', XR#SM2117, JOINT# 2275
STA. 994+84, ELEV. 2098.10', XR#SM2118, JOINT# 2276
STA. 995+34, ELEV. 2095.80', XR#SM2119, JOINT# 2277
STA. 995+75, ELEV. 2093.00', XR#SMT704, JOINT# 2278
STA. 995+81, ELEV. 2092.80', XR#SMT705, JOINT# V1-1
STA. 995+87, ELEV. 2095.00', XR#SMT706, JOINT# V1-F1
STA. 995+91, ELEV. 2098.00', XR#SMT707, JOINT# V1-2
STA. 995+98, ELEV. 2100.10', XR#SMT76, JOINT# V1F2
STA. 996+00, ELEV. 2100.10', XR#SMF59, JOINT# V1-6
STA. 996+03, ELEV. 2100.00', XR#SMF56, JOINT# VALVE
STA. 996+04, ELEV. 2100.00', XR#SMF55, JOINT# V1-T1
STA. 996+06, ELEV. 2100.00', XR#SMF77, JOINT# V1-3
STA. 996+13, ELEV. 2097.50', XR#SMT708, JOINT# V1-F4
STA. 996+16, ELEV. 2093.30', XR#SMT709, JOINT# V1-F5
STA. 996+24, ELEV. 2090.90', XR#SMT710, JOINT# V1-F3
STA. 996+31, ELEV. 2090.80', XR#SMT711, JOINT# V1-4
STA. 996+40, ELEV. 2090.70', XR#SMT256, JOINT# 2280
STA. 996+88, ELEV. 2090.50', XR#SMT257, JOINT# 2279
STA. 997+29, ELEV. 2083.01', XR#SMB214, JOINT# 861BR
STA. 997+70, ELEV. 2081.91', XR#SMB215, JOINT# 870BR
STA. 998+11, ELEV. 2087.22', XR#SMB216, JOINT# 2011BR
STA. 998+23, ELEV. 2089.80', XR#SMT263, JOINT# 871BR
STA. 998+60, ELEV. 2090.20', XR#SMT264, JOINT# 2281
STA. 998+66, ELEV. 2089.20', XR#SMT265, JOINT# F38
STA. 999+13, ELEV. 2087.20', XR#SM2120, JOINT# 2282
STA. 999+44, ELEV. 2084.20', XR#SM2121, JOINT# 2283
STA. 999+73, ELEV. 2082.60', XR#SM2122, JOINT# 2284
STA. 1000+11, ELEV. 2082.50', XR#SM2123, JOINT# 2285
STA. 1000+52, ELEV. 2084.80', XR#SM2124, JOINT# 2286
STA. 1001+02, ELEV. 2087.20', XR#SM2125, JOINT# 2287
STA. 1001+10, ELEV. 2086.80', XR#SMT261, JOINT# 2288A
STA. 1001+16, ELEV. 2086.10', XR#SMT262, JOINT# 2288B
STA. 1001+52, ELEV. 2084.00', XR#SM2126, JOINT# 2288
STA. 1002+02, ELEV. 2084.40', XR#SM2127, JOINT# 2289
STA. 1002+52, ELEV. 2088.70', XR#SM2128, JOINT# 2290
STA. 1003+03, ELEV. 2094.50', XR#SM2129, JOINT# 2291
STA. 1003+53, ELEV. 2097.30', XR#SM2130, JOINT# 2292
STA. 1004+03, ELEV. 2097.60', XR#SM2131, JOINT# 2293
STA. 1004+53, ELEV. 2098.10', XR#SM2132, JOINT# 2294
STA. 1005+03, ELEV. 2098.30', XR#SM2133, JOINT# 2295
STA. 1005+52, ELEV. 2097.50', XR#SM2134, JOINT# 2296
STA. 1006+01, ELEV. 2093.50', XR#SM2135, JOINT# 2297
STA. 1006+50, ELEV. 2093.30', XR#SM2136, JOINT# 2298
STA. 1007+00, ELEV. 2096.30', XR#SM2137, JOINT# 2299

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,115 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	135 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM
PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL
AS-BUILT SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 131	SHEET No. 31 OF 149

OWNERSHIP

1007+50 — 17235 HALVERSON, MERLE PO BOX 6 ALAMO ND 58830 1821.10 FT 110.37 RODS — 1025+71 — 02510 BAGLEY FAMILY IRREVOC TRUST 5550 TOPANGA CYN BLVD 325 WOODLAND HILLS CA 91367 1428.90 FT 86.60 RODS — 1040+00

STATIONING

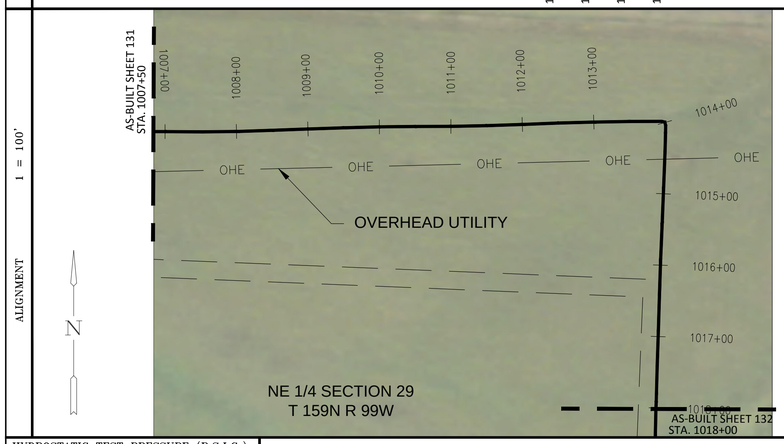
1013+95 P.I. < 13°21'15" RT.
1013+99 P.I. < 60°35'48" RT.
1014+04 P.I. < 17°07'28" RT.
1014+51 OVERHEAD ELECTRIC

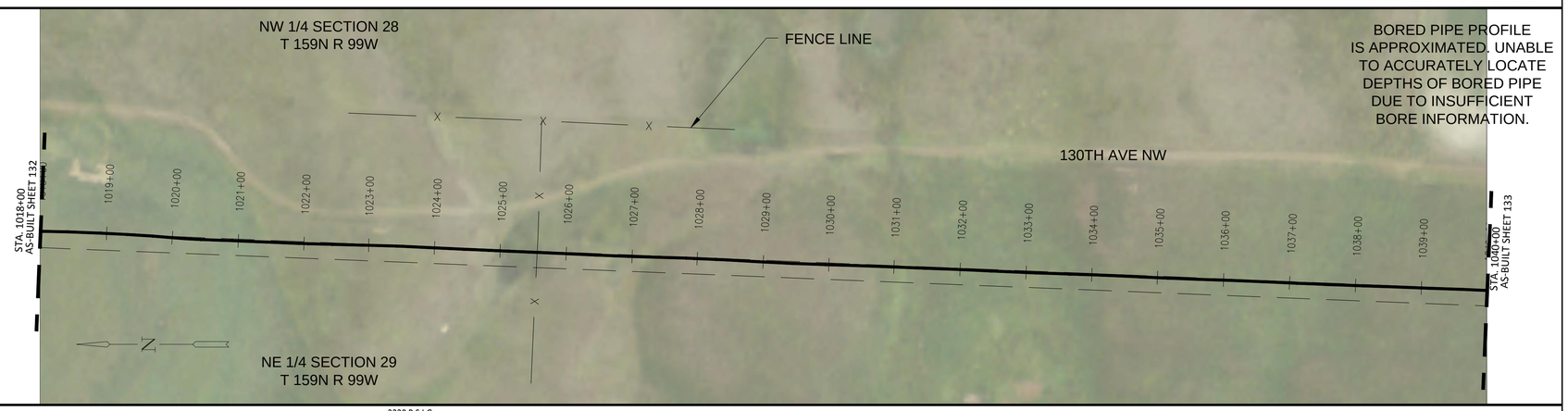
VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

ALIGNMENT 1 = 100'



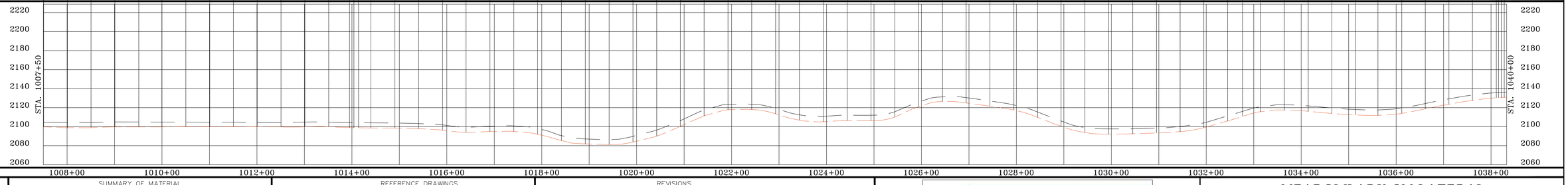


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1007+51, ELEV. 2098.10' , XR#SM2138, JOINT# 2300
STA. 1008+01, ELEV. 2098.90' , XR#SM2139, JOINT# 2301
STA. 1008+50, ELEV. 2099.30' , XR#SM2140, JOINT# 2302
STA. 1009+01, ELEV. 2099.90' , XR#SM2141, JOINT# 2303
STA. 1009+51, ELEV. 2099.00' , XR#SM2142, JOINT# 2304
STA. 1010+00, ELEV. 2098.90' , XR#SM2143, JOINT# 2305
STA. 1010+50, ELEV. 2099.70' , XR#SM2144, JOINT# 2306
STA. 1011+01, ELEV. 2099.70' , XR#SM2145, JOINT# 2307
STA. 1011+50, ELEV. 2099.70' , XR#SM2146, JOINT# 2308
STA. 1012+01, ELEV. 2100.10' , XR#SM2147, JOINT# 2309
STA. 1012+51, ELEV. 2100.10' , XR#SM2148, JOINT# 2310
STA. 1013+01, ELEV. 2100.10' , XR#SM2149, JOINT# 2311
STA. 1013+51, ELEV. 2099.90' , XR#SM2150, JOINT# 2312
STA. 1013+95, ELEV. 2099.80' , XR#SMT258, JOINT# 2313
STA. 1014+04, ELEV. 2099.80' , XR#SMT259, JOINT# F39
STA. 1014+14, ELEV. 2099.60' , XR#SMT260, JOINT# 2274
STA. 1014+40, ELEV. 2099.60' , XR#SM2151, JOINT# 2314
STA. 1014+91, ELEV. 2100.30' , XR#SM2152, JOINT# 2315
STA. 1015+41, ELEV. 2099.10' , XR#SM2153, JOINT# 2316
STA. 1015+91, ELEV. 2098.70' , XR#SM2154, JOINT# 2317
STA. 1016+41, ELEV. 2098.60' , XR#SM2155, JOINT# 2318
STA. 1016+91, ELEV. 2098.10' , XR#SM2156, JOINT# 2319
STA. 1017+41, ELEV. 2096.70' , XR#SM2157, JOINT# 2320
STA. 1017+91, ELEV. 2094.10' , XR#SM2158, JOINT# 2321
STA. 1018+42, ELEV. 2094.80' , XR#SM2159, JOINT# 2322
STA. 1018+92, ELEV. 2095.20' , XR#SM2160, JOINT# 2323
STA. 1019+42, ELEV. 2092.60' , XR#SM2161, JOINT# 2324
STA. 1019+92, ELEV. 2086.10' , XR#SM2162, JOINT# 2325
STA. 1020+42, ELEV. 2082.00' , XR#SM2163, JOINT# 2326
STA. 1020+92, ELEV. 2081.10' , XR#SM2164, JOINT# 2327
STA. 1021+42, ELEV. 2083.00' , XR#SM2165, JOINT# 2328
STA. 1021+92, ELEV. 2089.00' , XR#SM2166, JOINT# 2329
STA. 1022+42, ELEV. 2096.60' , XR#SM2167, JOINT# 2330
STA. 1022+93, ELEV. 2109.60' , XR#SM2168, JOINT# 2331
STA. 1023+43, ELEV. 2117.10' , XR#SM2169, JOINT# 2332
STA. 1023+93, ELEV. 2118.30' , XR#SM2170, JOINT# 2333
STA. 1024+44, ELEV. 2115.00' , XR#SM2171, JOINT# 2334
STA. 1024+94, ELEV. 2107.80' , XR#SM2172, JOINT# 2335
STA. 1025+44, ELEV. 2104.90' , XR#SM2173, JOINT# 2336
STA. 1025+94, ELEV. 2106.40' , XR#SM2174, JOINT# 2337
STA. 1026+44, ELEV. 2106.30' , XR#SM2175, JOINT# 2338
STA. 1026+94, ELEV. 2108.40' , XR#SM2176, JOINT# 2339
STA. 1027+44, ELEV. 2119.00' , XR#SM2177, JOINT# 2340
STA. 1027+95, ELEV. 2126.20' , XR#SM2178, JOINT# 2341
STA. 1028+45, ELEV. 2125.70' , XR#SM2179, JOINT# 2342
STA. 1028+94, ELEV. 2122.40' , XR#SM2180, JOINT# 2343
STA. 1029+44, ELEV. 2118.90' , XR#SM2181, JOINT# 2344
STA. 1029+95, ELEV. 2112.40' , XR#SM2182, JOINT# 2345
STA. 1030+45, ELEV. 2102.70' , XR#SM2183, JOINT# 2346
STA. 1030+95, ELEV. 2095.10' , XR#SM2184, JOINT# 2347
STA. 1031+45, ELEV. 2092.10' , XR#SM2185, JOINT# 2348
STA. 1031+95, ELEV. 2092.30' , XR#SM2186, JOINT# 2349
STA. 1032+45, ELEV. 2093.10' , XR#SM2187, JOINT# 2350
STA. 1032+76, ELEV. 2093.70' , XR#SM2188, JOINT# 2351
STA. 1033+14, ELEV. 2094.90' , XR#SM2189, JOINT# 2352
STA. 1033+64, ELEV. 2099.40' , XR#SM2190, JOINT# 2353
STA. 1034+15, ELEV. 2106.60' , XR#SM2191, JOINT# 2354
STA. 1034+65, ELEV. 2114.20' , XR#SM2192, JOINT# 2355
STA. 1035+15, ELEV. 2117.60' , XR#SM2193, JOINT# 2356
STA. 1035+62, ELEV. 2117.10' , XR#SM2194, JOINT# 2357
STA. 1036+12, ELEV. 2114.70' , XR#SM2195, JOINT# 2358
STA. 1036+61, ELEV. 2112.70' , XR#SM2196, JOINT# 2359
STA. 1037+11, ELEV. 2111.80' , XR#SM2197, JOINT# 2360
STA. 1037+61, ELEV. 2112.70' , XR#SM2198, JOINT# 2361
STA. 1038+11, ELEV. 2117.00' , XR#SM2199, JOINT# 2362
STA. 1038+61, ELEV. 2122.10' , XR#SM2200, JOINT# 2363
STA. 1039+12, ELEV. 2126.50' , XR#SM2201, JOINT# 2364
STA. 1039+62, ELEV. 2129.90' , XR#SM2202, JOINT# 2365

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
– – – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 132	SHEET No. 32 OF 149 (1)

OWNERSHIP

1040+00	1051+99	1065+11	1072+50
02510 BAGLEY FAMILY IRREVOC TRUST 5550 TOPANGA CYN BLVD 325 WOODLAND HILLS CA 91367 1199.13 FT 72.67 RODS	23870 JOHNSON, LYNDON L & DEE ANN PO BOX 64 ALAMO ND 58830 1312.03 FT 79.52 RODS	20300 HILLESTAD, LORRAINE (LIFE EST) 11 21ST ST W #114 WILLISTON ND 58801 738.84 FT 44.78 RODS	

STATIONING

1051+24 P.I. < 2°42'34" LT.
1053+41 P.I. < 6°02'52" LT.
1053+53 P.I. < 6°06'37" RT.
1067+86 P.I. < 2°05'47" LT.
1068+04 EDGE OF WATER
1068+22 BOREHOLE
1068+22 P.I. < 2°15'53" RT.
1068+58 EDGE OF WATER
1069+33 EDGE OF WATER
1069+46 BOREHOLE
1069+89 P.I. < 2°30'50" LT.
1069+93 EDGE OF WATER

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



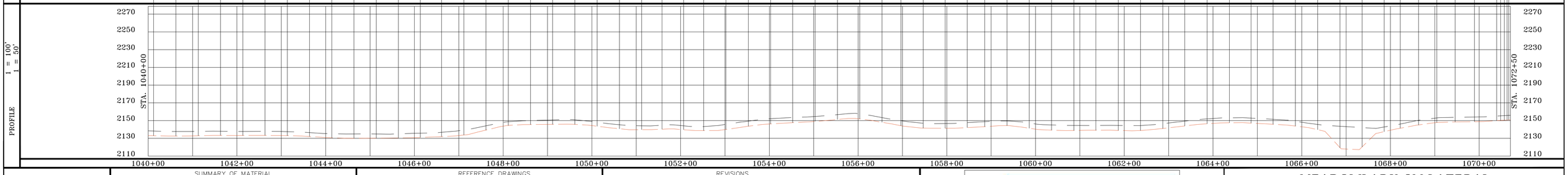
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1040+12, ELEV. 2131.30', XR#SM2203, JOINT# 2366
STA. 1040+62, ELEV. 2132.40', XR#SM2204, JOINT# 2367
STA. 1041+13, ELEV. 2133.50', XR#SM2205, JOINT# 2368
STA. 1041+63, ELEV. 2133.10', XR#SM2206, JOINT# 2369
STA. 1042+13, ELEV. 2132.60', XR#SM2207, JOINT# 2370
STA. 1042+63, ELEV. 2132.70', XR#SM2208, JOINT# 2371
STA. 1043+14, ELEV. 2133.30', XR#SM2209, JOINT# 2372
STA. 1043+64, ELEV. 2133.20', XR#SM2210, JOINT# 2373
STA. 1044+14, ELEV. 2133.30', XR#SM2211, JOINT# 2374
STA. 1044+64, ELEV. 2133.20', XR#SM2212, JOINT# 2375
STA. 1045+14, ELEV. 2132.60', XR#SM2213, JOINT# 2376
STA. 1045+64, ELEV. 2131.00', XR#SM2214, JOINT# 2377
STA. 1046+13, ELEV. 2130.00', XR#SM2215, JOINT# 2378
STA. 1046+61, ELEV. 2130.10', XR#SM2216, JOINT# 2379
STA. 1047+11, ELEV. 2130.30', XR#SM2217, JOINT# 2380
STA. 1047+61, ELEV. 2130.70', XR#SM2218, JOINT# 2381
STA. 1048+12, ELEV. 2131.50', XR#SM2219, JOINT# 2382
STA. 1048+62, ELEV. 2132.80', XR#SM2220, JOINT# 2383
STA. 1049+11, ELEV. 2137.20', XR#SM2221, JOINT# 2384
STA. 1049+62, ELEV. 2143.20', XR#SM2222, JOINT# 2385
STA. 1050+12, ELEV. 2145.50', XR#SM2223, JOINT# 2386
STA. 1050+62, ELEV. 2145.70', XR#SM2224, JOINT# 2387
STA. 1051+12, ELEV. 2146.00', XR#SM2225, JOINT# 2388
STA. 1051+58, ELEV. 2145.00', XR#SMT267, JOINT# 2389
STA. 1052+07, ELEV. 2142.00', XR#SMT268, JOINT# 2390
STA. 1052+52, ELEV. 2139.70', XR#SMT256, JOINT# 2392
STA. 1053+02, ELEV. 2139.80', XR#SMT269, JOINT# 2391
STA. 1053+53, ELEV. 2140.60', XR#SM2227, JOINT# 2393
STA. 1054+03, ELEV. 2138.70', XR#SM2228, JOINT# 2394
STA. 1054+53, ELEV. 2138.80', XR#SM2229, JOINT# 2395
STA. 1055+03, ELEV. 2142.30', XR#SM2230, JOINT# 2396
STA. 1055+54, ELEV. 2145.70', XR#SM2231, JOINT# 2397
STA. 1056+04, ELEV. 2147.20', XR#SM2232, JOINT# 2398
STA. 1056+54, ELEV. 2148.50', XR#SM2233, JOINT# 2399
STA. 1056+97, ELEV. 2150.00', XR#SM2234, JOINT# 2400
STA. 1057+47, ELEV. 2152.40', XR#SM2235, JOINT# 2401
STA. 1057+96, ELEV. 2150.40', XR#SM2236, JOINT# 2402
STA. 1058+46, ELEV. 2146.10', XR#SM2237, JOINT# 2403
STA. 1058+85, ELEV. 2143.00', XR#SM2238, JOINT# 2404
STA. 1059+36, ELEV. 2141.40', XR#SM2239, JOINT# 2405
STA. 1059+86, ELEV. 2141.40', XR#SM2240, JOINT# 2406
STA. 1060+36, ELEV. 2142.60', XR#SM2241, JOINT# 2407
STA. 1060+86, ELEV. 2144.20', XR#SM2242, JOINT# 2408
STA. 1061+36, ELEV. 2142.80', XR#SM2243, JOINT# 2409
STA. 1061+86, ELEV. 2139.60', XR#SM2244, JOINT# 2410
STA. 1062+37, ELEV. 2138.70', XR#SM2245, JOINT# 2411
STA. 1062+87, ELEV. 2139.10', XR#SM2246, JOINT# 2412
STA. 1063+36, ELEV. 2139.20', XR#SM2247, JOINT# 2413
STA. 1063+87, ELEV. 2138.50', XR#SM2248, JOINT# 2414
STA. 1064+37, ELEV. 2140.10', XR#SM2249, JOINT# 2415
STA. 1064+86, ELEV. 2142.80', XR#SM2250, JOINT# 2416
STA. 1065+35, ELEV. 2145.70', XR#SM2251, JOINT# 2417
STA. 1065+86, ELEV. 2147.40', XR#SM2252, JOINT# 2418
STA. 1066+36, ELEV. 2147.70', XR#SM2253, JOINT# 2419
STA. 1066+86, ELEV. 2146.40', XR#SM2254, JOINT# 2420
STA. 1067+36, ELEV. 2145.00', XR#SM2255, JOINT# 2421
STA. 1067+86, ELEV. 2142.00', XR#SMT270, JOINT# 2422
STA. 1068+22, ELEV. 2137.90', XR#SMT271, JOINT# 2423
STA. 1068+63, ELEV. 2118.17', XR#SMB 228, JOINT# 284BR
STA. 1069+05, ELEV. 2117.27', XR#SMB 229, JOINT# 2424BR
STA. 1069+46, ELEV. 2135.40', XR#SMT272, JOINT# 323BR
STA. 1069+89, ELEV. 2140.30', XR#SMT273, JOINT# 2425
STA. 1070+39, ELEV. 2144.90', XR#SM2256, JOINT# 2426
STA. 1070+89, ELEV. 2148.00', XR#SM2257, JOINT# 2427
STA. 1071+39, ELEV. 2148.60', XR#SM2258, JOINT# 2428
STA. 1071+89, ELEV. 2149.00', XR#SM2259, JOINT# 2429
STA. 1072+40, ELEV. 2150.60', XR#SM2260, JOINT# 2430

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,126 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	124 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 133	SHEET No. 33 OF 149

1

OWNERSHIP

1072+50

20300
HILLESTAD, LORRAINE (LIFE EST)
11 21ST ST W #114
WILLISTON ND 58801
1920.82 FT
116.41 RODS

1091+71

12190
EVENSON, TIMOTHY L
13095 77TH ST NW
ALAMO ND 58830
1329.18 FT
80.56 RODS

1105+00

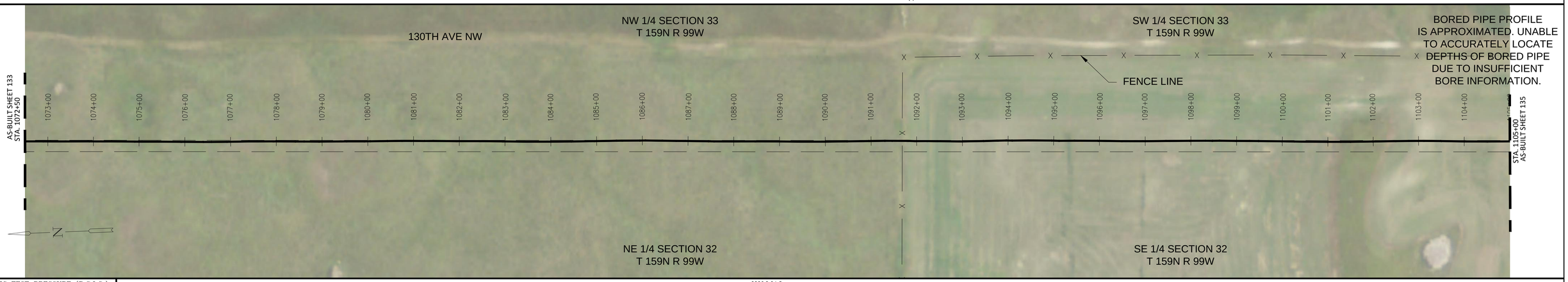
STATIONING

1091+96 P.I. < 2°01'32" LT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



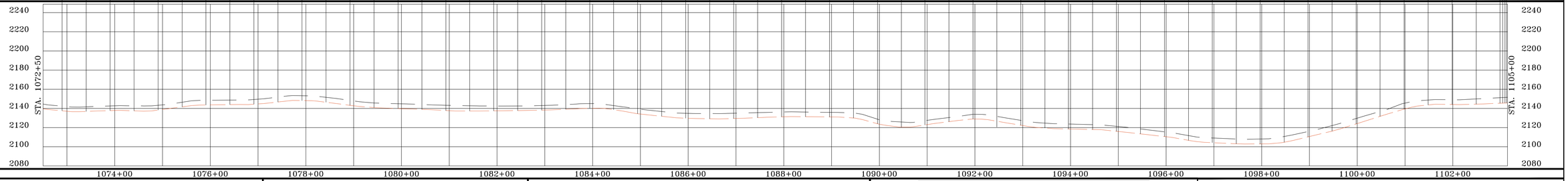
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1072+90, ELEV. 2152.10', XR#SM2261, JOINT# 2431
STA. 1073+40, ELEV. 2148.70', XR#SM2262, JOINT# 2432
STA. 1073+90, ELEV. 2143.60', XR#SM2263, JOINT# 2433
STA. 1074+41, ELEV. 2138.90', XR#SM2264, JOINT# 2434
STA. 1074+91, ELEV. 2136.60', XR#SM2265, JOINT# 2435
STA. 1075+41, ELEV. 2137.30', XR#SM2266, JOINT# 2436
STA. 1075+91, ELEV. 2138.00', XR#SM2267, JOINT# 2437
STA. 1076+41, ELEV. 2137.20', XR#SM2268, JOINT# 2438
STA. 1076+91, ELEV. 2139.70', XR#SM2269, JOINT# 2439
STA. 1077+42, ELEV. 2143.00', XR#SM2270, JOINT# 2440
STA. 1077+92, ELEV. 2143.80', XR#SM2271, JOINT# 2441
STA. 1078+42, ELEV. 2144.10', XR#SM2272, JOINT# 2442
STA. 1078+92, ELEV. 2145.10', XR#SM2273, JOINT# 2443
STA. 1079+43, ELEV. 2147.80', XR#SM2274, JOINT# 2444
STA. 1079+93, ELEV. 2148.10', XR#SM2275, JOINT# 2445
STA. 1080+43, ELEV. 2145.20', XR#SM2276, JOINT# 2446
STA. 1080+93, ELEV. 2142.10', XR#SM2277, JOINT# 2447
STA. 1081+43, ELEV. 2140.40', XR#SM2278, JOINT# 2448
STA. 1081+93, ELEV. 2139.60', XR#SM2279, JOINT# 2449
STA. 1082+43, ELEV. 2138.70', XR#SM2280, JOINT# 2450
STA. 1082+94, ELEV. 2137.30', XR#SM2281, JOINT# 2451
STA. 1083+44, ELEV. 2137.30', XR#SM2282, JOINT# 2452
STA. 1083+94, ELEV. 2137.60', XR#SM2283, JOINT# 2453
STA. 1084+44, ELEV. 2137.90', XR#SM2284, JOINT# 2454
STA. 1084+94, ELEV. 2138.50', XR#SM2285, JOINT# 2455
STA. 1085+45, ELEV. 2139.60', XR#SM2286, JOINT# 2456
STA. 1085+95, ELEV. 2140.20', XR#SM2287, JOINT# 2457
STA. 1086+45, ELEV. 2137.20', XR#SM2288, JOINT# 2458
STA. 1086+95, ELEV. 2133.40', XR#SM2289, JOINT# 2459
STA. 1087+45, ELEV. 2130.80', XR#SM2290, JOINT# 2460
STA. 1087+96, ELEV. 2129.50', XR#SM2291, JOINT# 2461
STA. 1088+46, ELEV. 2129.10', XR#SM2292, JOINT# 2462
STA. 1088+96, ELEV. 2129.70', XR#SM2293, JOINT# 2463
STA. 1089+46, ELEV. 2130.80', XR#SM2294, JOINT# 2464
STA. 1089+96, ELEV. 2131.50', XR#SM2295, JOINT# 2465
STA. 1090+46, ELEV. 2131.30', XR#SM2296, JOINT# 2466
STA. 1090+95, ELEV. 2131.10', XR#SM2297, JOINT# 2467
STA. 1091+46, ELEV. 2128.40', XR#SM2298, JOINT# 2468
STA. 1091+96, ELEV. 2122.30', XR#SM2299, JOINT# 2469
STA. 1092+46, ELEV. 2120.60', XR#SM2300, JOINT# 2470
STA. 1092+96, ELEV. 2124.20', XR#SM2301, JOINT# 2471
STA. 1093+46, ELEV. 2127.40', XR#SM2302, JOINT# 2472
STA. 1093+96, ELEV. 2128.80', XR#SM2303, JOINT# 2473
STA. 1094+46, ELEV. 2125.10', XR#SM2304, JOINT# 2474
STA. 1094+96, ELEV. 2121.00', XR#SM2305, JOINT# 2475
STA. 1095+46, ELEV. 2119.00', XR#SM2306, JOINT# 2476
STA. 1095+97, ELEV. 2118.40', XR#SM2307, JOINT# 2477
STA. 1096+47, ELEV. 2117.80', XR#SM2308, JOINT# 2478
STA. 1096+97, ELEV. 2115.20', XR#SM2309, JOINT# 2479
STA. 1097+47, ELEV. 2112.50', XR#SM2310, JOINT# 2480
STA. 1097+97, ELEV. 2109.60', XR#SM2311, JOINT# 2481
STA. 1098+47, ELEV. 2105.40', XR#SM2312, JOINT# 2482
STA. 1098+97, ELEV. 2103.90', XR#SM2313, JOINT# 2483
STA. 1099+47, ELEV. 2102.90', XR#SM2314, JOINT# 2484
STA. 1099+98, ELEV. 2103.00', XR#SM2315, JOINT# 2485
STA. 1100+48, ELEV. 2106.50', XR#SM2316, JOINT# 2486
STA. 1100+98, ELEV. 2112.50', XR#SM2317, JOINT# 2487
STA. 1101+49, ELEV. 2118.70', XR#SM2318, JOINT# 2488
STA. 1101+99, ELEV. 2126.50', XR#SM2319, JOINT# 2489
STA. 1102+49, ELEV. 2134.30', XR#SM2320, JOINT# 2490
STA. 1102+99, ELEV. 2141.20', XR#SM2321, JOINT# 2491
STA. 1103+49, ELEV. 2144.40', XR#SM2322, JOINT# 2492
STA. 1104+00, ELEV. 2144.00', XR#SM2323, JOINT# 2493
STA. 1104+50, ELEV. 2144.70', XR#SM2324, JOINT# 2494

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 134	SHEET No. 34 OF 149 △1

OWNERSHIP

1105+00	1118+30	1131+31	1137+50
12190 EVENSON, TIMOTHY L 13095 77TH ST NW ALAMO ND 58830 1329.99 FT 80.61 RODS	12190 EVENSON, TIMOTHY L 13095 77TH ST NW ALAMO ND 58830 1300.92 FT 78.84 RODS		12180 EVENSON, MARJORY J (LIFE EST) 13095 77TH ST NW ALAMO ND 58830 619.09 FT 37.52 RODS

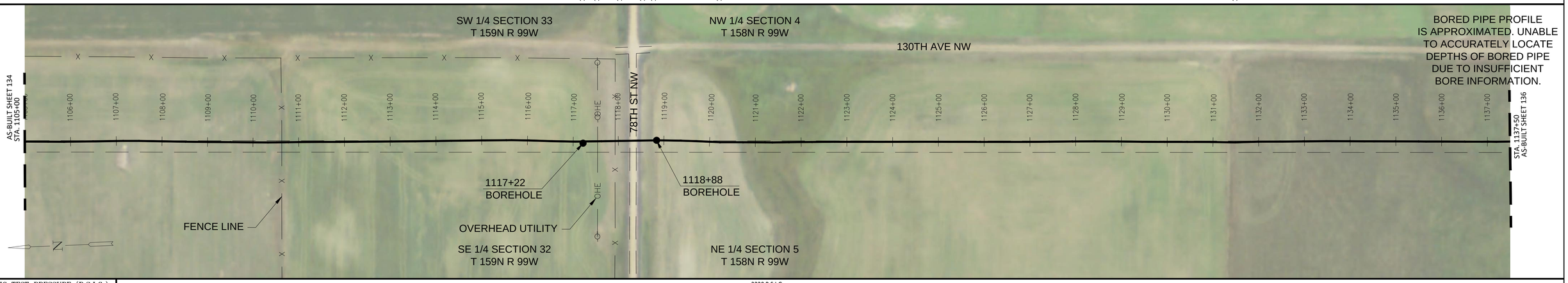
STATIONING

1117+22 BOREHOLE
1117+54 OVERHEAD ELECTRIC
1118+25 EDGE OF GRAVEL
1118+39 EDGE OF GRAVEL
1118+88 BOREHOLE
1120+22 P.I. < 2°32'09" LT.
1131+48 P.I. < 2°17'55" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



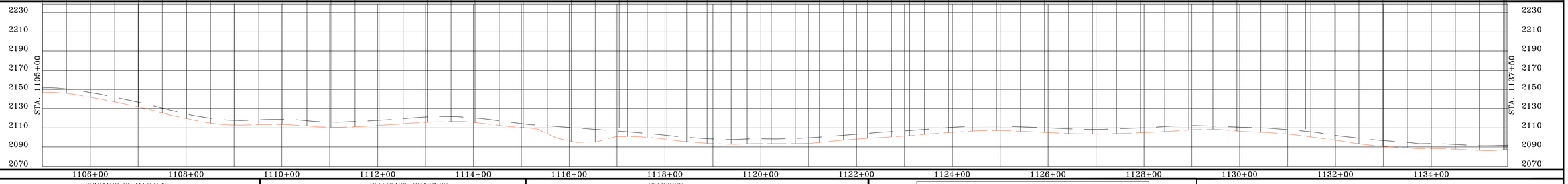
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1105+00, ELEV. 2145.80', XR#SM2325, JOINT# 2495
STA. 1105+50, ELEV. 2146.10', XR#SM2326, JOINT# 2496
STA. 1106+00, ELEV. 2146.30', XR#SM2327, JOINT# 2497
STA. 1106+51, ELEV. 2146.80', XR#SM2328, JOINT# 2498
STA. 1107+00, ELEV. 2147.10', XR#SM2329, JOINT# 2499
STA. 1107+51, ELEV. 2145.00', XR#SM2330, JOINT# 2500
STA. 1108+01, ELEV. 2140.50', XR#SM2331, JOINT# 2501
STA. 1108+51, ELEV. 2135.50', XR#SM2332, JOINT# 2502
STA. 1109+01, ELEV. 2130.10', XR#SM2333, JOINT# 2503
STA. 1109+52, ELEV. 2123.60', XR#SM2334, JOINT# 2504
STA. 1110+02, ELEV. 2118.20', XR#SM2335, JOINT# 2505
STA. 1110+52, ELEV. 2114.10', XR#SM2336, JOINT# 2506
STA. 1111+02, ELEV. 2112.90', XR#SM2337, JOINT# 2507
STA. 1111+53, ELEV. 2113.60', XR#SM2338, JOINT# 2508
STA. 1112+03, ELEV. 2113.30', XR#SM2339, JOINT# 2509
STA. 1112+53, ELEV. 2111.50', XR#SM2340, JOINT# 2510
STA. 1113+03, ELEV. 2110.60', XR#SM2341, JOINT# 2511
STA. 1113+53, ELEV. 2111.30', XR#SM2342, JOINT# 2512
STA. 1114+04, ELEV. 2113.10', XR#SM2343, JOINT# 2513
STA. 1114+54, ELEV. 2114.90', XR#SM2344R, JOINT# 2514
STA. 1115+04, ELEV. 2116.20', XR#SM2345, JOINT# 2515
STA. 1115+54, ELEV. 2116.80', XR#SM2346, JOINT# 2516
STA. 1116+04, ELEV. 2114.90', XR#SM2347, JOINT# 2517
STA. 1116+54, ELEV. 2111.80', XR#SM2348, JOINT# 2518
STA. 1117+05, ELEV. 2109.80', XR#SMT274, JOINT# 2519
STA. 1117+22, ELEV. 2108.80', XR#SMT275, JOINT# 2520
STA. 1117+63, ELEV. 2099.31', XR#SMB 230, JOINT#, 2521BR
STA. 1118+04, ELEV. 2094.77', XR#SMB 231, JOINT#, 2522BR
STA. 1118+45, ELEV. 2095.24', XR#SMB 232, JOINT#, 2523BR
STA. 1118+88, ELEV. 2101.00', XR#SMT276, JOINT# 2524BR
STA. 1119+38, ELEV. 2100.60', XR#SM2349, JOINT# 2525
STA. 1119+72, ELEV. 2099.30', XR#SMT277, JOINT# 2526
STA. 1120+22, ELEV. 2096.10', XR#SM2350, JOINT# 2527
STA. 1120+72, ELEV. 2094.00', XR#SM2351, JOINT# 2528
STA. 1121+22, ELEV. 2092.90', XR#SM2352, JOINT# 2529
STA. 1121+72, ELEV. 2093.50', XR#SM2353, JOINT# 2530
STA. 1122+23, ELEV. 2093.50', XR#SM2354, JOINT# 2531
STA. 1122+73, ELEV. 2093.60', XR#SM2355, JOINT# 2532
STA. 1123+11, ELEV. 2094.60', XR#SM2356, JOINT# 2533
STA. 1123+42, ELEV. 2096.30', XR#SM2357, JOINT# 2534
STA. 1123+92, ELEV. 2098.40', XR#SM2358, JOINT# 2535
STA. 1124+42, ELEV. 2099.90', XR#SM2359, JOINT# 2536
STA. 1124+92, ELEV. 2101.50', XR#SM2360, JOINT# 2537
STA. 1125+42, ELEV. 2103.60', XR#SM2361, JOINT# 2538
STA. 1125+92, ELEV. 2105.40', XR#SM2362, JOINT# 2539
STA. 1126+43, ELEV. 2107.00', XR#SM2363, JOINT# 2540
STA. 1126+92, ELEV. 2107.30', XR#SM2364, JOINT# 2541
STA. 1127+43, ELEV. 2106.20', XR#SM2365, JOINT# 2542
STA. 1127+93, ELEV. 2105.00', XR#SM2366, JOINT# 2543
STA. 1128+43, ELEV. 2103.90', XR#SM2367, JOINT# 2544
STA. 1128+94, ELEV. 2103.50', XR#SM2368, JOINT# 2545
STA. 1129+44, ELEV. 2104.10', XR#SM2369, JOINT# 2546
STA. 1129+94, ELEV. 2105.10', XR#SM2370, JOINT# 2547
STA. 1130+44, ELEV. 2106.40', XR#SM2371, JOINT# 2548
STA. 1130+95, ELEV. 2108.10', XR#SMT281, JOINT# 2249
STA. 1131+38, ELEV. 2108.60', XR#SMT282, JOINT# 2250
STA. 1131+48, ELEV. 2108.20', XR#SM2365, JOINT# 2526
STA. 1131+99, ELEV. 2106.10', XR#SM2372, JOINT# 2551
STA. 1132+49, ELEV. 2105.10', XR#SM2373, JOINT# 2552
STA. 1132+99, ELEV. 2103.10', XR#SM2374, JOINT# 2553
STA. 1133+50, ELEV. 2099.80', XR#SM2375, JOINT# 2554
STA. 1134+00, ELEV. 2096.40', XR#SM2376, JOINT# 2555
STA. 1134+50, ELEV. 2092.60', XR#SM2377, JOINT# 2556
STA. 1135+00, ELEV. 2090.20', XR#SM2378, JOINT# 2557
STA. 1135+51, ELEV. 2088.70', XR#SM2379, JOINT# 2558
STA. 1136+01, ELEV. 2088.40', XR#SM2380, JOINT# 2559
STA. 1136+51, ELEV. 2087.50', XR#SM2381, JOINT# 2560
STA. 1137+02, ELEV. 2086.20', XR#SM2382, JOINT# 2561

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,084 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	166 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 135	SHEET No. 35 OF 149

1

OWNERSHIP

1137+50

12180
EVENSON, MARJORY J (LIFE EST)
13095 77TH ST NW
ALAMO ND 58830
2872.50 FT
174.09 RODS

1166+23

12185
EVENSON, MARK O & KARI L
1619 11TH AVE W
WILLISTON ND 58801
377.50 FT
22.88 RODS

1170+00

STATIONING

1160+91 P.I. < 19°04'19" LT.

1164+39 P.I. < 2°02'58" RT.
1164+39 BOREHOLE

1166+21 EDGE OF GRAVEL

1166+47 EDGE OF GRAVEL

1167+90 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1137+52, ELEV. 2087.50', XR#SM2383, JOINT# 2562
STA. 1138+02, ELEV. 2087.90', XR#SM2384, JOINT# 2563
STA. 1138+52, ELEV. 2086.80', XR#SM2385, JOINT# 2564
STA. 1139+03, ELEV. 2084.80', XR#SM2386, JOINT# 2565
STA. 1139+53, ELEV. 2083.80', XR#SM2387, JOINT# 2566
STA. 1140+03, ELEV. 2084.00', XR#SM2388, JOINT# 2567
STA. 1140+52, ELEV. 2084.60', XR#SM2389, JOINT# 2568
STA. 1141+02, ELEV. 2083.60', XR#SM2390, JOINT# 2569
STA. 1141+53, ELEV. 2083.90', XR#SM2391, JOINT# 2570
STA. 1142+03, ELEV. 2084.30', XR#SM2392, JOINT# 2571
STA. 1142+53, ELEV. 2084.80', XR#SM2393, JOINT# 2572
STA. 1143+02, ELEV. 2085.60', XR#SM2394, JOINT# 2573
STA. 1143+53, ELEV. 2086.80', XR#SM2395, JOINT# 2574
STA. 1144+03, ELEV. 2088.50', XR#SM2396, JOINT# 2575
STA. 1144+53, ELEV. 2089.70', XR#SM2397, JOINT# 2576
STA. 1145+02, ELEV. 2091.60', XR#SM2398, JOINT# 2577
STA. 1145+53, ELEV. 2093.40', XR#SM2399, JOINT# 2578
STA. 1146+03, ELEV. 2095.00', XR#SM2400, JOINT# 2579
STA. 1146+53, ELEV. 2096.60', XR#SM2401, JOINT# 2580
STA. 1147+03, ELEV. 2098.70', XR#SM2402, JOINT# 2581
STA. 1147+45, ELEV. 2100.50', XR#SM2403, JOINT# 2582
STA. 1147+95, ELEV. 2102.50', XR#SM2404, JOINT# 2583
STA. 1148+45, ELEV. 2104.90', XR#SM2405, JOINT# 2584
STA. 1148+95, ELEV. 2107.40', XR#SM2406, JOINT# 2585
STA. 1149+46, ELEV. 2110.30', XR#SM2407, JOINT# 2586
STA. 1149+96, ELEV. 2111.40', XR#SM2408, JOINT# 2587
STA. 1150+46, ELEV. 2112.30', XR#SM2409, JOINT# 2588
STA. 1150+97, ELEV. 2113.50', XR#SM2410, JOINT# 2589
STA. 1151+47, ELEV. 2115.10', XR#SM2411, JOINT# 2590
STA. 1151+97, ELEV. 2117.00', XR#SM2412, JOINT# 2591
STA. 1152+47, ELEV. 2118.40', XR#SM2413, JOINT# 2592
STA. 1152+97, ELEV. 2119.40', XR#SM2414, JOINT# 2593
STA. 1153+48, ELEV. 2120.20', XR#SM2415, JOINT# 2594
STA. 1153+97, ELEV. 2119.80', XR#SM2416, JOINT# 2595
STA. 1154+48, ELEV. 2118.70', XR#SM2417, JOINT# 2596
STA. 1154+98, ELEV. 2118.50', XR#SM2418, JOINT# 2597
STA. 1155+47, ELEV. 2119.00', XR#SM2419, JOINT# 2600
STA. 1155+97, ELEV. 2119.50', XR#SM2420, JOINT# 2598
STA. 1156+46, ELEV. 2120.40', XR#SM2421, JOINT# 2599
STA. 1156+96, ELEV. 2119.30', XR#SM2422, JOINT# 2601
STA. 1157+46, ELEV. 2118.00', XR#SM2423, JOINT# 2602
STA. 1157+96, ELEV. 2117.60', XR#SM2424, JOINT# 2603
STA. 1158+46, ELEV. 2117.50', XR#SM2425, JOINT# 2604
STA. 1158+96, ELEV. 2116.80', XR#SM2426, JOINT# 2605
STA. 1159+46, ELEV. 2117.40', XR#SM2427, JOINT# 2606
STA. 1159+96, ELEV. 2118.40', XR#SM2428, JOINT# 2607
STA. 1160+45, ELEV. 2119.00', XR#SMT278, JOINT# 2608
STA. 1160+89, ELEV. 2119.60', XR#SMT279, JOINT# 2609
STA. 1160+92, ELEV. 2119.60', XR#SMT280, JOINT# F40
STA. 1161+40, ELEV. 2117.80', XR#SM2429, JOINT# 2610
STA. 1161+90, ELEV. 2116.50', XR#SM2430, JOINT# 2611
STA. 1162+40, ELEV. 2116.00', XR#SM2431, JOINT# 2612
STA. 1162+90, ELEV. 2116.40', XR#SM2432, JOINT# 2613
STA. 1163+40, ELEV. 2117.50', XR#SM2433, JOINT# 2614
STA. 1163+90, ELEV. 2120.10', XR#SMT283, JOINT# 2615
STA. 1164+39, ELEV. 2121.20', XR#SMT284, JOINT# 2617
STA. 1164+80, ELEV. 2112.70', XR#SMB233, JOINT# 2618BR
STA. 1165+21, ELEV. 2106.54', XR#SMB234, JOINT# 2619BR
STA. 1165+62, ELEV. 2102.72', XR#SMB235, JOINT# 2620BR
STA. 1166+03, ELEV. 2101.27', XR#SMB236, JOINT# 2621BR
STA. 1166+45, ELEV. 2102.19', XR#SMB237, JOINT# 2622BR
STA. 1166+86, ELEV. 2105.48', XR#SMB238, JOINT# 2623BR
STA. 1167+27, ELEV. 2111.12', XR#SMB239, JOINT# 2624BR
STA. 1167+68, ELEV. 2119.09', XR#SMB240, JOINT# 2625BR
STA. 1167+90, ELEV. 2124.20', XR#SMT286, JOINT# 2626BR
STA. 1168+21, ELEV. 2126.20', XR#SMT287, JOINT# 2627
STA. 1168+71, ELEV. 2129.30', XR#SM2435, JOINT# 2628
STA. 1169+20, ELEV. 2130.90', XR#SM2436, JOINT# 2629
STA. 1169+71, ELEV. 2131.20', XR#SM2437, JOINT# 2630

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,899 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	351 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 136	SHEET No. 36 OF 149 △1

OWNERSHIP

1170+00 – 1172+10	1172+10 – 1201+04	1201+04 – 1202+50
12185 EVENSON, MARK O & KARI L 1619 11TH AVE W WILLISTON ND 58801 209.77 FT 12.71 RODS	12190 EVENSON, TIMOTHY L 13095 77TH ST NW ALAMO ND 58830 2894.21 FT 175.41 RODS	12185 EVENSON, MARK O & KARI L 1619 11TH AVE W WILLISTON ND 58801 146.02 FT 8.85 RODS

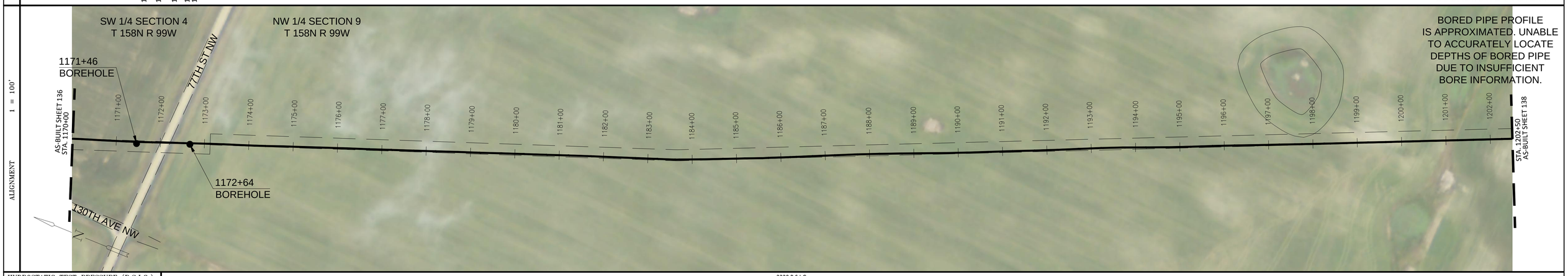
STATIONING

1171+46 BOREHOLE
1172+00 EDGE OF GRAVEL
1172+22 EDGE OF GRAVEL
1172+43 TEST STATION
1172+64 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



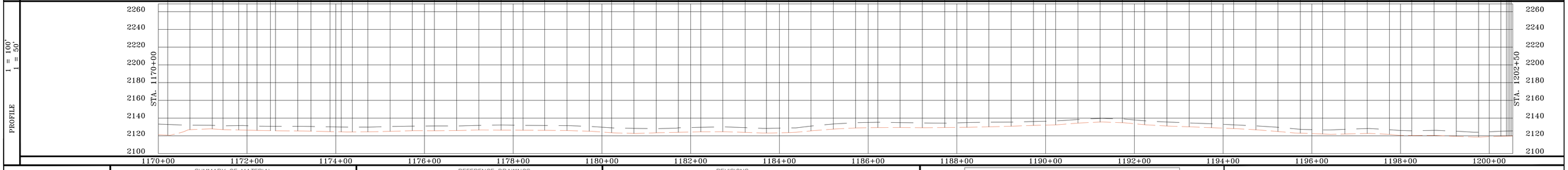
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1170+21, ELEV. 2130.90' , XR#SM2438, JOINT# 2631
STA. 1170+71, ELEV. 2130.80' , XR#SM2439, JOINT# 2632
STA. 1171+22, ELEV. 2130.00' , XR#SMT288, JOINT# 2633
STA. 1171+46, ELEV. 2128.40' , XR#SMT289, JOINT# 3340
STA. 1171+81, ELEV. 2121.67' , XR#SMB241, JOINT# 1531BR
STA. 1172+22, ELEV. 2120.61' , XR#SMB242, JOINT# 1399BR
STA. 1172+53, ELEV. 2124.42' , XR#SMB243, JOINT# 1405BR
STA. 1172+64, ELEV. 2126.90' , XR#SMT290, JOINT# 575BRA
STA. 1173+14, ELEV. 2127.90' , XR#SMT291, JOINT# 2634
STA. 1173+44, ELEV. 2127.00' , XR#SM2440, JOINT# 1398A
STA. 1173+87, ELEV. 2126.50' , XR#SM2441, JOINT# 684
STA. 1174+12, ELEV. 2126.20' , XR#SM2442, JOINT# 927A
STA. 1174+37, ELEV. 2125.90' , XR#SM2443, JOINT# 993B
STA. 1174+72, ELEV. 2125.60' , XR#SM2444, JOINT# 1043A
STA. 1175+23, ELEV. 2125.50' , XR#SM2445, JOINT# 2635
STA. 1175+73, ELEV. 2124.90' , XR#SM2446, JOINT# 2636
STA. 1176+22, ELEV. 2124.30' , XR#SM2447, JOINT# 2637
STA. 1176+73, ELEV. 2124.50' , XR#SM2448, JOINT# 2638
STA. 1177+22, ELEV. 2125.10' , XR#SM2449, JOINT# 2639
STA. 1177+73, ELEV. 2125.80' , XR#SM2450, JOINT# 2640
STA. 1178+22, ELEV. 2125.70' , XR#SM2451, JOINT# 2641
STA. 1178+71, ELEV. 2126.00' , XR#SM2452, JOINT# 2642
STA. 1179+21, ELEV. 2126.60' , XR#SM2453, JOINT# 2643
STA. 1179+71, ELEV. 2126.40' , XR#SM2454, JOINT# 2644
STA. 1180+22, ELEV. 2126.30' , XR#SM2455, JOINT# 2645
STA. 1180+72, ELEV. 2126.20' , XR#SM2456, JOINT# 2646
STA. 1181+22, ELEV. 2125.90' , XR#SM2457, JOINT# 2647
STA. 1181+72, ELEV. 2125.10' , XR#SM2458, JOINT# 2648
STA. 1182+23, ELEV. 2123.40' , XR#SM2459, JOINT# 2649
STA. 1182+72, ELEV. 2122.60' , XR#SM2460, JOINT# 2650
STA. 1183+23, ELEV. 2123.50' , XR#SMT292, JOINT# 2651
STA. 1183+71, ELEV. 2124.00' , XR#SM2461, JOINT# 2652
STA. 1184+21, ELEV. 2124.50' , XR#SM2462, JOINT# 2653
STA. 1184+71, ELEV. 2124.60' , XR#SM2463, JOINT# 2654
STA. 1185+21, ELEV. 2123.90' , XR#SM2464, JOINT# 2655
STA. 1185+72, ELEV. 2123.10' , XR#SM2465, JOINT# 2656
STA. 1186+22, ELEV. 2123.70' , XR#SM2466, JOINT# 2657
STA. 1186+72, ELEV. 2125.80' , XR#SM2467, JOINT# 2658
STA. 1187+22, ELEV. 2127.70' , XR#SM2468, JOINT# 2659
STA. 1187+73, ELEV. 2129.00' , XR#SM2469, JOINT# 2660
STA. 1188+23, ELEV. 2129.30' , XR#SM2470, JOINT# 2661
STA. 1188+72, ELEV. 2129.40' , XR#SM2471, JOINT# 2662
STA. 1189+22, ELEV. 2129.10' , XR#SM2472, JOINT# 2663
STA. 1189+73, ELEV. 2129.40' , XR#SM2473, JOINT# 2664
STA. 1190+23, ELEV. 2129.60' , XR#SM2474, JOINT# 2665
STA. 1190+73, ELEV. 2130.20' , XR#SM2475, JOINT# 2666
STA. 1191+23, ELEV. 2130.90' , XR#SM2476, JOINT# 2667
STA. 1191+73, ELEV. 2131.80' , XR#SM2477, JOINT# 2668
STA. 1192+23, ELEV. 2132.50' , XR#SM2478, JOINT# 2669
STA. 1192+73, ELEV. 2134.50' , XR#SM2479, JOINT# 2670
STA. 1193+24, ELEV. 2135.60' , XR#SM2480, JOINT# 2671
STA. 1193+74, ELEV. 2134.70' , XR#SM2481, JOINT# 2672
STA. 1194+24, ELEV. 2132.40' , XR#SM2482, JOINT# 2673
STA. 1194+74, ELEV. 2131.00' , XR#SM2483, JOINT# 2674
STA. 1195+24, ELEV. 2130.10' , XR#SM2484, JOINT# 2675
STA. 1195+74, ELEV. 2129.10' , XR#SM2485, JOINT# 2676
STA. 1196+24, ELEV. 2128.10' , XR#SM2486, JOINT# 2677
STA. 1196+75, ELEV. 2126.70' , XR#SM2487, JOINT# 2678
STA. 1197+25, ELEV. 2124.70' , XR#SM2488, JOINT# 2679
STA. 1197+75, ELEV. 2122.90' , XR#SM2489, JOINT# 2680
STA. 1198+25, ELEV. 2122.00' , XR#SM2490, JOINT# 2681
STA. 1198+76, ELEV. 2122.10' , XR#SM2491, JOINT# 2682
STA. 1199+26, ELEV. 2122.70' , XR#SM2492, JOINT# 2683
STA. 1199+76, ELEV. 2121.40' , XR#SM2493, JOINT# 2684
STA. 1200+26, ELEV. 2120.30' , XR#SM2494, JOINT# 2685
STA. 1200+76, ELEV. 2120.40' , XR#SM2495, JOINT# 2686
STA. 1201+26, ELEV. 2119.40' , XR#SM2496, JOINT# 2687
STA. 1201+77, ELEV. 2118.60' , XR#SM2497, JOINT# 2688
STA. 1202+26, ELEV. 2119.60' , XR#SM2498, JOINT# 2689

PROFILE 1 = 100' / 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
– – – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,131 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	119 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 137	SHEET No. 37 OF 149 △1

OWNERSHIP

1202+50	12185 EVENSON, MARK O & KARI L 1619 11TH AVE W WILLISTON ND 58801 2612.06 FT 158.31 RODS	1228+62	12185 EVENSON, MARK O & KARI L 1619 11TH AVE W WILLISTON ND 58801 208.35 FT 12.63 RODS	1230+70	20865 HOKANSON ETUX, CURTIS G 7556 129TH AVE NW ALAMO ND 58830 429.60 FT 26.04 RODS	1235+00

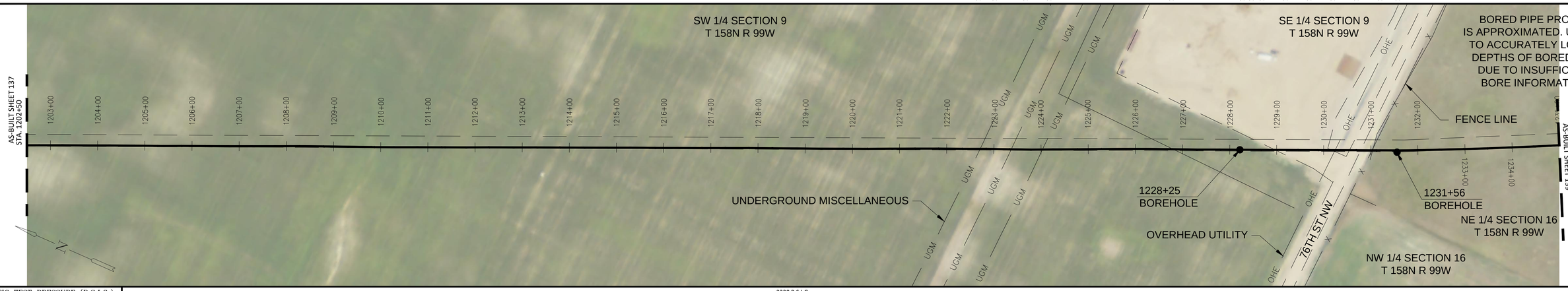
STATIONING

1222+71 UNDERGROUND MISC
1223+28 EXISTING PIPELINE
1223+37 ONEOK GASLINE
1224+03 UNDERGROUND MISC
1226+80 EDGE OF GRAVEL
1228+25 BOREHOLE
1228+48 TEST STATION
1228+97 EDGE OF GRAVEL
1230+17 EDGE OF GRAVEL
1230+24 OVERHEAD ELECTRIC
1230+54 EDGE OF GRAVEL
1230+78 EDGE OF GRAVEL
1231+04 EDGE OF GRAVEL
1231+56 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



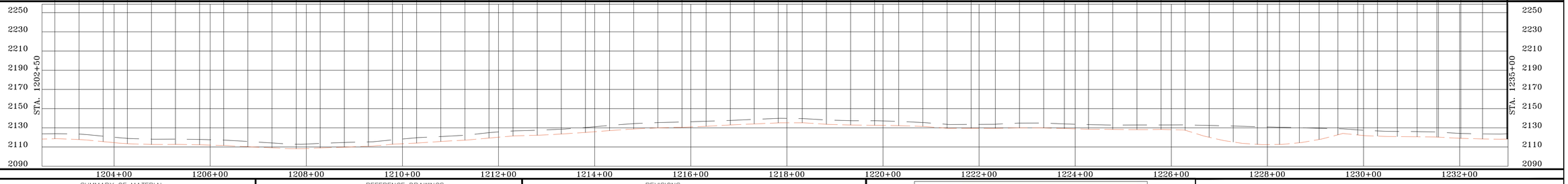
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1202+77, ELEV. 2120.20', XR#SM2499, JOINT# 2690
STA. 1203+27, ELEV. 2119.50', XR#SM2500, JOINT# 2691
STA. 1203+77, ELEV. 2118.60', XR#SM2501, JOINT# 2692
STA. 1204+28, ELEV. 2118.00', XR#SM2502, JOINT# 2693
STA. 1204+78, ELEV. 2118.70', XR#SM2503, JOINT# 2694
STA. 1205+28, ELEV. 2117.70', XR#SM2504, JOINT# 2695
STA. 1205+78, ELEV. 2115.50', XR#SM2505, JOINT# 2696
STA. 1206+28, ELEV. 2113.40', XR#SM2506, JOINT# 2697
STA. 1206+78, ELEV. 2112.60', XR#SM2507, JOINT# 2698
STA. 1207+29, ELEV. 2112.70', XR#SM2508, JOINT# 2699
STA. 1207+79, ELEV. 2112.30', XR#SM2509, JOINT# 2700
STA. 1208+29, ELEV. 2111.50', XR#SM2510, JOINT# 2701
STA. 1208+79, ELEV. 2110.20', XR#SM2511, JOINT# 2702
STA. 1209+29, ELEV. 2109.10', XR#SM2512, JOINT# 2703
STA. 1209+79, ELEV. 2108.20', XR#SM2513, JOINT# 2704
STA. 1210+30, ELEV. 2109.10', XR#SM2514, JOINT# 2705
STA. 1210+80, ELEV. 2109.90', XR#SM2515, JOINT# 2706
STA. 1211+30, ELEV. 2110.90', XR#SM2516, JOINT# 2707
STA. 1211+80, ELEV. 2113.00', XR#SM2517, JOINT# 2708
STA. 1212+30, ELEV. 2114.20', XR#SM2518, JOINT# 2709
STA. 1212+80, ELEV. 2115.90', XR#SM2519, JOINT# 2710
STA. 1213+31, ELEV. 2117.20', XR#SM2520, JOINT# 2711
STA. 1213+81, ELEV. 2119.50', XR#SM2521, JOINT# 2712
STA. 1214+31, ELEV. 2121.60', XR#SM2522, JOINT# 2713
STA. 1214+81, ELEV. 2122.30', XR#SM2523, JOINT# 2714
STA. 1215+31, ELEV. 2123.60', XR#SM2524, JOINT# 2715
STA. 1215+82, ELEV. 2125.30', XR#SM2525, JOINT# 2716
STA. 1216+32, ELEV. 2127.20', XR#SM2526, JOINT# 2717
STA. 1216+82, ELEV. 2128.90', XR#SM2527, JOINT# 2718
STA. 1217+32, ELEV. 2130.00', XR#SM2528, JOINT# 2719
STA. 1217+82, ELEV. 2130.60', XR#SM2529, JOINT# 2720
STA. 1218+32, ELEV. 2131.60', XR#SM2530, JOINT# 2721
STA. 1218+82, ELEV. 2133.10', XR#SM2531, JOINT# 2722
STA. 1219+33, ELEV. 2134.10', XR#SM2532, JOINT# 2723
STA. 1219+82, ELEV. 2135.20', XR#SM2533, JOINT# 2724
STA. 1220+33, ELEV. 2135.20', XR#SM2534, JOINT# 2725
STA. 1220+83, ELEV. 2133.60', XR#SM2535, JOINT# 2726
STA. 1221+33, ELEV. 2132.90', XR#SM2536, JOINT# 2727
STA. 1221+83, ELEV. 2132.60', XR#SM2537, JOINT# 2728
STA. 1222+34, ELEV. 2132.20', XR#SM2538, JOINT# 2729
STA. 1222+84, ELEV. 2131.40', XR#SMT293, JOINT# 2730
STA. 1223+34, ELEV. 2129.40', XR#SM2539, JOINT# 2731
STA. 1223+77, ELEV. 2129.50', XR#SMT294, JOINT# 2732
STA. 1224+28, ELEV. 2129.40', XR#SM2540, JOINT# 2733
STA. 1224+78, ELEV. 2129.90', XR#SM2541, JOINT# 2734
STA. 1225+28, ELEV. 2129.90', XR#SM2542, JOINT# 2735
STA. 1225+79, ELEV. 2129.20', XR#SM2543, JOINT# 2736
STA. 1226+29, ELEV. 2128.50', XR#SM2544, JOINT# 2737
STA. 1226+79, ELEV. 2128.30', XR#SM2545, JOINT# 2738
STA. 1227+29, ELEV. 2128.10', XR#SM2546, JOINT# 2739
STA. 1227+79, ELEV. 2128.30', XR#SM2547, JOINT# 2740
STA. 1228+25, ELEV. 2127.70', XR#SMT295, JOINT# 2741
STA. 1228+66, ELEV. 2121.37', XR#SMB39, JOINT# 254BR
STA. 1229+08, ELEV. 2116.71', XR#SMB38, JOINT# 253BR
STA. 1229+47, ELEV. 2113.83', XR#SMB37, JOINT# 252BR
STA. 1229+88, ELEV. 2112.43', XR#SMB36, JOINT# 251BR
STA. 1230+29, ELEV. 2112.71', XR#SMB35, JOINT# 250BR
STA. 1230+70, ELEV. 2114.67', XR#SMB34, JOINT# 249BR
STA. 1231+11, ELEV. 2118.30', XR#SMB33, JOINT# 248BR
STA. 1231+53, ELEV. 2123.61', XR#SMB32, JOINT# 247BR
STA. 1231+56, ELEV. 2124.10', XR#SMT6, JOINT# 246
STA. 1232+03, ELEV. 2121.80', XR#SM2217, JOINT# M3686
STA. 1232+48, ELEV. 2121.00', XR#SM2216, JOINT# M182
STA. 1232+98, ELEV. 2120.70', XR#SM2215, JOINT# M1263
STA. 1233+48, ELEV. 2120.50', XR#SM2214, JOINT# M510
STA. 1233+98, ELEV. 2119.10', XR#SM2213, JOINT# M465
STA. 1234+48, ELEV. 2118.40', XR#SM2211, JOINT# M252
STA. 1234+98, ELEV. 2118.30', XR#SM2210, JOINT# M420

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,919 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	331 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 138	SHEET No. 38 OF 149 (1)

OWNERSHIP	1235+00	20865 HOKANSON ETUX, CURTIS G 7556 129TH AVE NW ALAMO ND 58830 2672.84 FT 161.99 RODS	1261+73	20880 HOKANSON, DOROTHY ROSE 11 21ST ST W APT 106 WILLISTON ND 58801 577.16 FT 34.98 RODS	1267+50

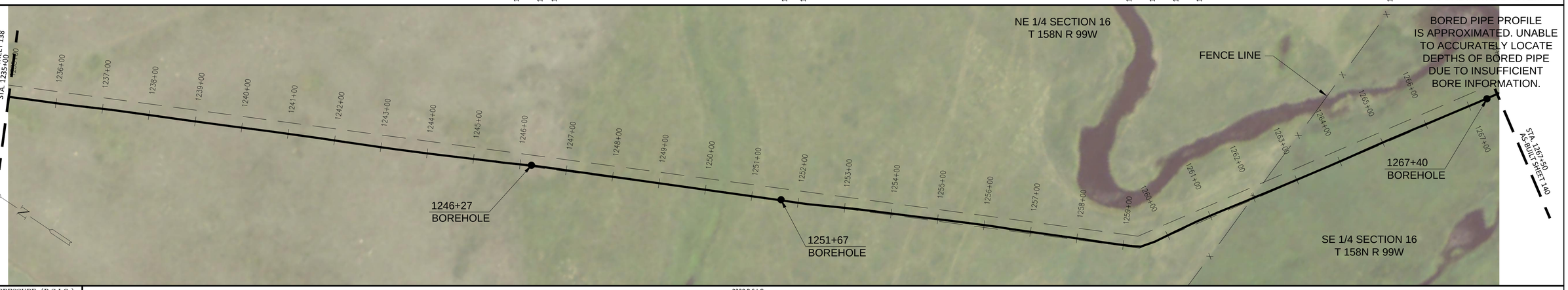
STATIONING

1245+65 P.I. < 2°23'36" LT.
1246+27 P.I. < 2°46'28" RT.
1246+27 BOREHOLE
1251+67 BOREHOLE
1252+17 P.I. < 2°31'52" LT.
1259+19 P.I. < 3°34'20" LT.
1259+37 P.I. < 22°55'54" LT.
1259+69 P.I. < 6°54'22" LT.
1260+69 P.I. < 2°08'51" RT.
1267+40 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

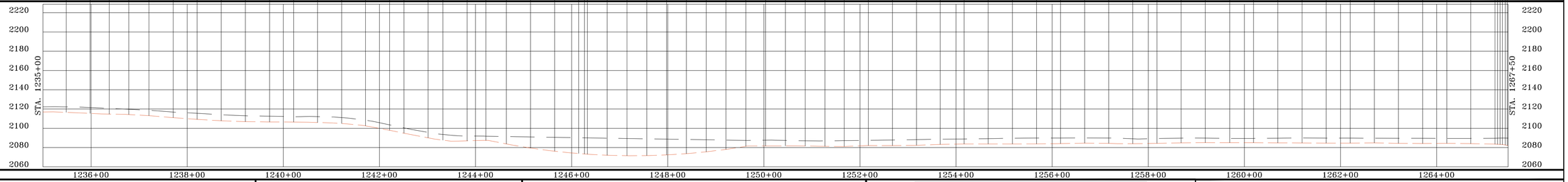


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1235+48, ELEV. 2118.60', XR#SM209, JOINT# M377
STA. 1235+98, ELEV. 2118.40', XR#SM208, JOINT# M2059
STA. 1236+38, ELEV. 2117.60', XR#SM207, JOINT# M3220
STA. 1236+79, ELEV. 2116.80', XR#SM206, JOINT# M646
STA. 1237+21, ELEV. 2117.10', XR#SM205, JOINT# M1179
STA. 1237+71, ELEV. 2116.10', XR#SM204, JOINT# M292
STA. 1238+21, ELEV. 2114.90', XR#SM203, JOINT# M1642
STA. 1238+71, ELEV. 2114.50', XR#SM202, JOINT# M1630
STA. 1239+21, ELEV. 2113.10', XR#SM201, JOINT# M2616
STA. 1239+71, ELEV. 2111.00', XR#SM200, JOINT# M204
STA. 1240+22, ELEV. 2109.20', XR#SM199, JOINT# M3224
STA. 1240+71, ELEV. 2107.80', XR#SM192, JOINT# M3222
STA. 1241+22, ELEV. 2106.90', XR#SM198, JOINT# M3225
STA. 1241+71, ELEV. 2106.60', XR#SM197, JOINT# M3589
STA. 1242+21, ELEV. 2106.50', XR#SM196, JOINT# M173
STA. 1242+51, ELEV. 2106.30', XR#SM195, JOINT# M1638
STA. 1243+01, ELEV. 2105.60', XR#SM194, JOINT# M610
STA. 1243+32, ELEV. 2104.60', XR#SM193, JOINT# M192
STA. 1243+83, ELEV. 2101.50', XR#SM189, JOINT# M2582
STA. 1244+22, ELEV. 2097.90', XR#SM188, JOINT# M931
STA. 1244+64, ELEV. 2093.60', XR#SM187, JOINT# M1285
STA. 1245+14, ELEV. 2088.90', XR#SM186, JOINT# M1589
STA. 1245+65, ELEV. 2086.70', XR#SM185, JOINT# M1420
STA. 1246+15, ELEV. 2087.50', XR#SM184, JOINT# M1111
STA. 1246+27, ELEV. 2087.50', XR#SM219, JOINT# M511
STA. 1246+33, ELEV. 2086.87', XR#SMB28, JOINT# 210BR
STA. 1246+74, ELEV. 2082.90', XR#SMB27, JOINT# 209BR
STA. 1247+15, ELEV. 2079.51', XR#SMB26, JOINT# 208BR
STA. 1247+56, ELEV. 2076.72', XR#SMB25, JOINT# 207BR
STA. 1247+98, ELEV. 2074.53', XR#SMB24, JOINT# 206BR
STA. 1248+39, ELEV. 2072.93', XR#SMB23, JOINT# 205BR
STA. 1248+80, ELEV. 2071.93', XR#SMB22, JOINT# 204BR
STA. 1249+21, ELEV. 2071.52', XR#SMB21, JOINT# 203BR
STA. 1249+62, ELEV. 2071.72', XR#SMB20, JOINT# 202BR
STA. 1250+04, ELEV. 2072.50', XR#SMB19, JOINT# 201BR
STA. 1250+45, ELEV. 2073.89', XR#SMB18, JOINT# 200BR
STA. 1250+86, ELEV. 2075.86', XR#SMB17, JOINT# 199BR
STA. 1251+27, ELEV. 2078.43', XR#SMB16, JOINT# 198BR
STA. 1251+67, ELEV. 2081.50', XR#SMT5, JOINT# NONE
STA. 1252+17, ELEV. 2081.70', XR#SM183, JOINT# M427
STA. 1252+68, ELEV. 2081.80', XR#SM182, JOINT# M3479
STA. 1253+18, ELEV. 2081.30', XR#SM181, JOINT# M3635
STA. 1253+67, ELEV. 2081.00', XR#SM180, JOINT# M503
STA. 1254+17, ELEV. 2082.10', XR#SM179, JOINT# M3268
STA. 1254+67, ELEV. 2082.00', XR#SM178, JOINT# M2616
STA. 1255+17, ELEV. 2082.30', XR#SM177, JOINT# M370
STA. 1255+68, ELEV. 2083.30', XR#SM176, JOINT# M409
STA. 1256+17, ELEV. 2083.70', XR#SM175, JOINT# M19
STA. 1256+68, ELEV. 2083.70', XR#SM174, JOINT# M3247
STA. 1257+18, ELEV. 2083.70', XR#SM173, JOINT# M291
STA. 1257+68, ELEV. 2083.80', XR#SM172, JOINT# M416
STA. 1258+18, ELEV. 2084.10', XR#SM171, JOINT# M3351
STA. 1258+68, ELEV. 2084.60', XR#SM170, JOINT# M455
STA. 1259+19, ELEV. 2084.40', XR#SM169, JOINT# M3456
STA. 1259+69, ELEV. 2084.00', XR#SM168, JOINT# M403
STA. 1260+19, ELEV. 2084.40', XR#SM167, JOINT# M3268
STA. 1260+69, ELEV. 2084.90', XR#SM166, JOINT# M2716
STA. 1261+20, ELEV. 2085.10', XR#SM165, JOINT# M1637
STA. 1261+70, ELEV. 2085.00', XR#SM164, JOINT# M951
STA. 1262+20, ELEV. 2085.00', XR#SM163, JOINT# M3239
STA. 1262+70, ELEV. 2084.90', XR#SM162, JOINT# M146
STA. 1263+20, ELEV. 2084.80', XR#SM161, JOINT# M143
STA. 1263+71, ELEV. 2084.60', XR#SM160, JOINT# M219
STA. 1264+21, ELEV. 2084.60', XR#SM159, JOINT# M3212
STA. 1264+71, ELEV. 2084.90', XR#SM158, JOINT# M429
STA. 1265+21, ELEV. 2084.40', XR#SM157, JOINT# M482
STA. 1265+71, ELEV. 2084.20', XR#SM156, JOINT# M289
STA. 1266+21, ELEV. 2084.40', XR#SM155, JOINT# M463
STA. 1266+70, ELEV. 2084.10', XR#SM154, JOINT# M168
STA. 1267+21, ELEV. 2083.60', XR#SM214, JOINT# M419
STA. 1267+40, ELEV. 2083.00', XR#SM153, JOINT# M364A

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,700 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	550 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 139	SHEET No. 39 OF 149 △1

OWNERSHIP

1267+50

20880
HOKANSON, DOROTHY ROSE
11 21ST ST W APT 106
WILLISTON ND 58801
2075.74 FT
125.80 RODS

1288+26

11450
ELLISVILLE TWP
PO BOX 48
ALAMO ND 58830
520.13 FT
31.52 RODS

1293+46

20860
HOKANSON, DAVID
2702 SKYWAY COURT
WILLISTON ND 58801
654.13 FT
39.64 RODS

1300+00

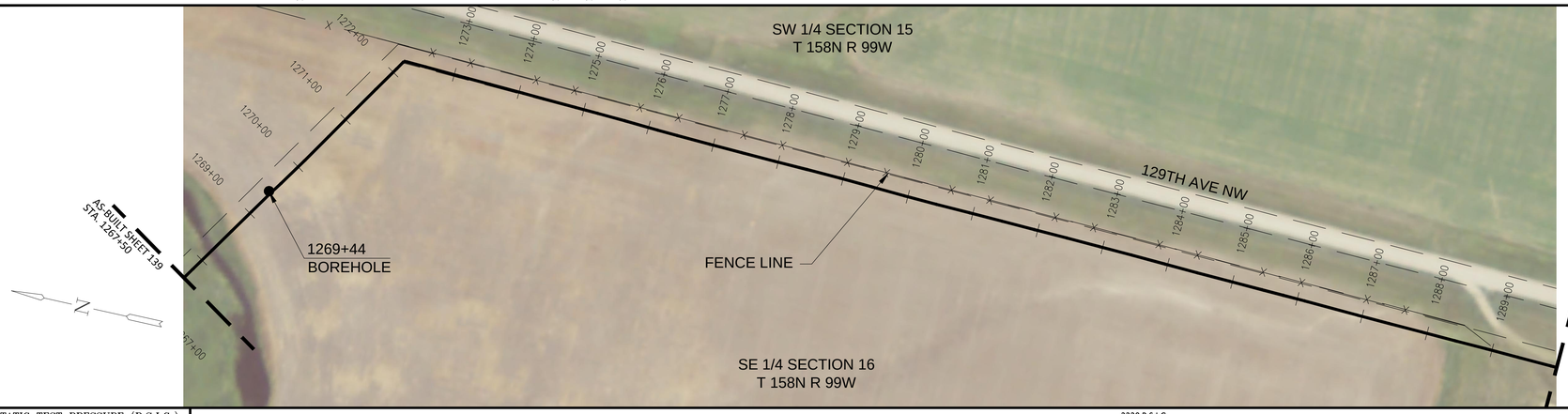
STATIONING

1269+44 BOREHOLE
1272+21 P.I. < 19°45'38" RT.
1272+24 P.I. < 35°38'10" RT.
1272+27 P.I. < 5°09'08" RT.
1292+41 P.I. < 17°05'16" LT.
1292+46 P.I. < 55°54'33" LT.
1292+50 P.I. < 17°35'54" LT.
1292+50 BOREHOLE
1292+73 UNDERGROUND FIBER OPTIC
1293+33 EDGE OF GRAVEL
1293+65 EDGE OF GRAVEL
1294+06 UNDERGROUND FIBER OPTIC
1294+46 BOREHOLE
1296+19 ONEOK GAS LINE
1296+63 EXISTING PIPELINE
1296+65 EXISTING PIPELINE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



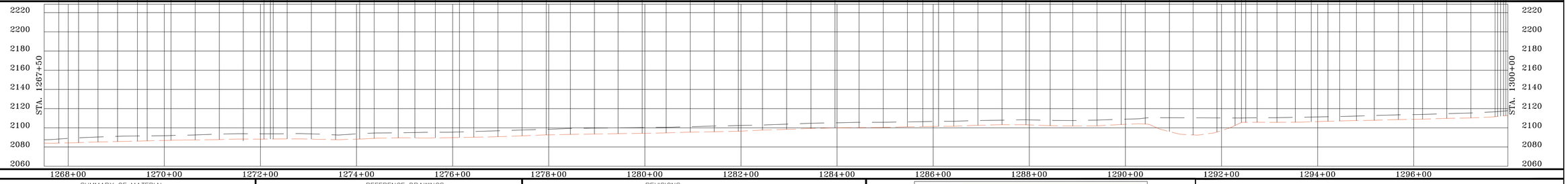
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1267+80, ELEV. 2079.15', XR#SMB15, JOINT# 158BR
STA. 1268+22, ELEV. 2077.29', XR#SMB14, JOINT# 157BR
STA. 1268+62, ELEV. 2077.52', XR#SMB13, JOINT# 156BR
STA. 1269+03, ELEV. 2079.79', XR#SMB12, JOINT# 155BR
STA. 1269+44, ELEV. 2082.90', XR#SM112, JOINT# 154
STA. 1269+65, ELEV. 2083.00', XR#SM147, JOINT# M394
STA. 1270+14, ELEV. 2084.40', XR#SM146, JOINT# M280
STA. 1270+64, ELEV. 2085.30', XR#SM145, JOINT# M405
STA. 1271+14, ELEV. 2085.80', XR#SM144, JOINT# M845
STA. 1271+64, ELEV. 2086.40', XR#SM143, JOINT# M1638
STA. 1272+08, ELEV. 2086.90', XR#SMT3, JOINT# M1246
STA. 1272+21, ELEV. 2087.10', XR#SMT2, JOINT# M1676A
STA. 1272+27, ELEV. 2087.20', XR#SMT1, JOINT# NONE
STA. 1272+56, ELEV. 2087.40', XR#SM142, JOINT# M1676
STA. 1273+06, ELEV. 2087.60', XR#SM141, JOINT# M671
STA. 1273+57, ELEV. 2088.30', XR#SM140, JOINT# M759
STA. 1274+06, ELEV. 2088.20', XR#SM139, JOINT# M557
STA. 1274+37, ELEV. 2088.40', XR#SM138, JOINT# M318
STA. 1274+87, ELEV. 2088.50', XR#SM137, JOINT# M460
STA. 1275+22, ELEV. 2088.00', XR#SM136, JOINT# M3449
STA. 1275+64, ELEV. 2087.60', XR#SM135, JOINT# M304
STA. 1276+14, ELEV. 2088.40', XR#SM134, JOINT# M406
STA. 1276+44, ELEV. 2089.20', XR#SM133, JOINT# M1143
STA. 1276+94, ELEV. 2089.60', XR#SM132, JOINT# M1578
STA. 1277+45, ELEV. 2089.40', XR#SM131, JOINT# M3221
STA. 1277+95, ELEV. 2089.70', XR#SM130, JOINT# M259
STA. 1278+45, ELEV. 2090.20', XR#SM129, JOINT# M3223
STA. 1278+95, ELEV. 2090.70', XR#SM128, JOINT# M1677
STA. 1279+44, ELEV. 2091.60', XR#SM127, JOINT# M3589
STA. 1279+94, ELEV. 2092.60', XR#SM126, JOINT# M1788
STA. 1280+44, ELEV. 2093.10', XR#SM125, JOINT# M1653
STA. 1280+94, ELEV. 2093.50', XR#SM124, JOINT# M2919
STA. 1281+44, ELEV. 2093.90', XR#SM123, JOINT# M2376
STA. 1281+95, ELEV. 2094.20', XR#SM122, JOINT# M1406
STA. 1282+45, ELEV. 2094.70', XR#SM121, JOINT# M3477
STA. 1282+95, ELEV. 2095.50', XR#SM120, JOINT# M3392
STA. 1283+46, ELEV. 2095.90', XR#SM119, JOINT# M3221
STA. 1283+96, ELEV. 2096.40', XR#SM118, JOINT# M2738
STA. 1284+46, ELEV. 2097.60', XR#SM117, JOINT# M3412
STA. 1284+96, ELEV. 2098.40', XR#SM116, JOINT# M2094
STA. 1285+46, ELEV. 2099.30', XR#SM115, JOINT# M3181
STA. 1285+79, ELEV. 2099.70', XR#SM114, JOINT# M1243
STA. 1286+11, ELEV. 2100.10', XR#SM113, JOINT# M1230
STA. 1286+43, ELEV. 2100.20', XR#SM112, JOINT# M418
STA. 1286+93, ELEV. 2100.30', XR#SM111, JOINT# M3357
STA. 1287+43, ELEV. 2101.00', XR#SM110, JOINT# M1493
STA. 1287+93, ELEV. 2101.40', XR#SM109, JOINT# M3240
STA. 1288+43, ELEV. 2101.60', XR#SM191, JOINT# M204
STA. 1288+91, ELEV. 2102.60', XR#SM190, JOINT# M2926
STA. 1289+41, ELEV. 2103.20', XR#SM148, JOINT# M3711
STA. 1289+91, ELEV. 2103.20', XR#SM149, JOINT# M3467
STA. 1290+41, ELEV. 2102.30', XR#SM150, JOINT# M337
STA. 1290+92, ELEV. 2101.90', XR#SM151, JOINT# M2566
STA. 1291+41, ELEV. 2102.00', XR#SM152, JOINT# M321
STA. 1291+91, ELEV. 2103.40', XR#SM153, JOINT# M3478
STA. 1292+28, ELEV. 2104.20', XR#SMT298, JOINT# 159
STA. 1292+41, ELEV. 2104.00', XR#SMT299, JOINT# 921A
STA. 1292+50, ELEV. 2103.70', XR#SMT300, JOINT# F41
STA. 1292+74, ELEV. 2098.67', XR#SMB244, JOINT# 210BRA
STA. 1293+15, ELEV. 2093.37', XR#SMB245, JOINT# 243BR
STA. 1293+54, ELEV. 2092.39', XR#SMB246, JOINT# 244BR
STA. 1293+87, ELEV. 2094.65', XR#SMB247, JOINT# 246BR
STA. 1294+21, ELEV. 2100.04', XR#SMB248, JOINT# 245BR
STA. 1294+46, ELEV. 2105.70', XR#SMB297, JOINT# 2742BR
STA. 1294+81, ELEV. 2105.80', XR#SMT296, JOINT# 2743
STA. 1295+18, ELEV. 2105.70', XR#SM2548, JOINT# 2744
STA. 1295+68, ELEV. 2105.90', XR#SM2549, JOINT# 2745
STA. 1296+18, ELEV. 2106.70', XR#SM2550, JOINT# 2746
STA. 1296+69, ELEV. 2107.40', XR#SM2551, JOINT# 2747
STA. 1297+19, ELEV. 2107.80', XR#SM2552, JOINT# 2748
STA. 1297+69, ELEV. 2108.60', XR#SM2553, JOINT# 2749
STA. 1298+20, ELEV. 2109.00', XR#SM2554, JOINT# 2750
STA. 1298+70, ELEV. 2109.80', XR#SM2555, JOINT# 2751
STA. 1299+20, ELEV. 2110.20', XR#SM2556, JOINT# 2752
STA. 1299+70, ELEV. 2111.40', XR#SM2557, JOINT# 2753

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,861 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	389 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 140	SHEET No. 40 OF 149 △1

OWNERSHIP

1300+00

20860
HOKANSON, DAVID
2702 SKYWAY COURT
WILLISTON ND 58801
2036.02 FT
123.39 RODS

1320+36

36720
OPSAL, ALLET N
22115 N PARADA DR
SUN CITY WEST AZ 85375
1213.98 FT
73.57 RODS

1332+50

STATIONING

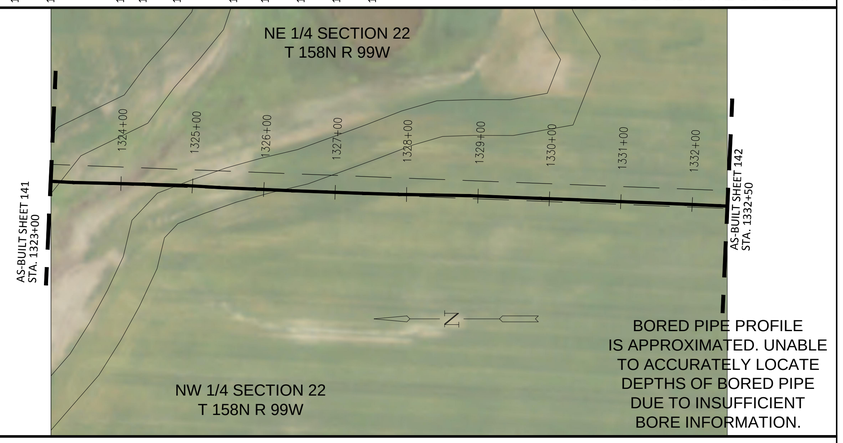
1312+47 EDGE OF WATER
1312+98 EDGE OF WATER
1314+50 EDGE OF WATER
1314+94 P.I.. < 2°23'21" LT.
1315+27 EDGE OF WATER
1318+88 P.I.. < 2°30'43" LT.
1319+36 P.I.. < 28°40'11" RT.
1319+42 P.I.. < 62°49'53" RT.
1319+45 BOREHOLE
1320+25 EDGE OF GRAVEL
1320+47 EDGE OF GRAVEL
1320+67 TEST STATION
1320+84 UNDERGROUND FIBER OPTIC
1320+85 UNDERGROUND FIBER OPTIC
1321+04 BOREHOLE
1322+54 EDGE OF WATER
1323+15 EDGE OF WATER
1324+80 EDGE OF WATER
1326+24 EDGE OF WATER

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'





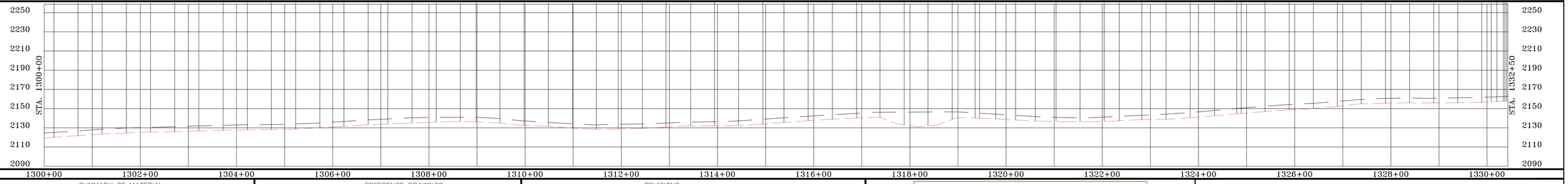
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1300+20, ELEV. 2113.90', XF#SM2558, JOINT# 2754
STA. 1300+70, ELEV. 2114.60', XF#SM2559, JOINT# 2755
STA. 1301+21, ELEV. 2116.40', XF#SM2560, JOINT# 2756
STA. 1301+71, ELEV. 2118.00', XF#SM2561, JOINT# 2757
STA. 1302+21, ELEV. 2120.10', XF#SM2562, JOINT# 2758
STA. 1302+72, ELEV. 2121.70', XF#SM2563, JOINT# 2759
STA. 1303+22, ELEV. 2123.40', XF#SM2564, JOINT# 2760
STA. 1303+72, ELEV. 2124.60', XF#SM2565, JOINT# 2761
STA. 1304+23, ELEV. 2125.50', XF#SM2566, JOINT# 2762
STA. 1304+72, ELEV. 2125.90', XF#SM2567, JOINT# 2763
STA. 1305+23, ELEV. 2126.80', XF#SM2568, JOINT# 2764
STA. 1305+73, ELEV. 2127.50', XF#SM2569, JOINT# 2765
STA. 1306+23, ELEV. 2127.80', XF#SM2570, JOINT# 2766
STA. 1306+74, ELEV. 2128.10', XF#SM2571, JOINT# 2767
STA. 1307+15, ELEV. 2128.40', XF#SM2572, JOINT# 2768
STA. 1307+65, ELEV. 2129.80', XF#SM2573, JOINT# 2769
STA. 1308+15, ELEV. 2131.20', XF#SM2574, JOINT# 2770
STA. 1308+65, ELEV. 2132.80', XF#SM2575, JOINT# 2771
STA. 1308+98, ELEV. 2133.50', XF#SM2576, JOINT# 2772
STA. 1309+48, ELEV. 2134.70', XF#SM2577, JOINT# 2773
STA. 1309+98, ELEV. 2135.50', XF#SM2578, JOINT# 2774
STA. 1310+48, ELEV. 2136.50', XF#SM2579, JOINT# 2775
STA. 1310+99, ELEV. 2136.60', XF#SM2580, JOINT# 2776
STA. 1311+48, ELEV. 2135.00', XF#SM2581, JOINT# 2777
STA. 1311+93, ELEV. 2132.80', XF#SM2582, JOINT# 2778
STA. 1312+44, ELEV. 2131.70', XF#SMT301, JOINT# 2779
STA. 1312+93, ELEV. 2130.00', XF#SM2583, JOINT# 2781
STA. 1313+44, ELEV. 2128.60', XF#SM2584, JOINT# 2782
STA. 1313+94, ELEV. 2128.80', XF#SM2585, JOINT# 2783
STA. 1314+44, ELEV. 2129.40', XF#SM2586, JOINT# 2784
STA. 1314+94, ELEV. 2130.60', XF#SMT302, JOINT# 2785
STA. 1315+38, ELEV. 2132.20', XF#SMT305, JOINT# 2780
STA. 1315+89, ELEV. 2131.90', XF#SM2587, JOINT# 2786
STA. 1316+39, ELEV. 2132.40', XF#SM2588, JOINT# 2787
STA. 1316+89, ELEV. 2133.50', XF#SM2589, JOINT# 2788
STA. 1317+38, ELEV. 2135.40', XF#SM2590, JOINT# 2789
STA. 1317+88, ELEV. 2137.20', XF#SM2591, JOINT# 2790
STA. 1318+38, ELEV. 2138.80', XF#SM2592, JOINT# 2791
STA. 1318+88, ELEV. 2140.00', XF#SM2593, JOINT# 2792
STA. 1319+36, ELEV. 2141.00', XF#SMT303, JOINT# 2793
STA. 1319+45, ELEV. 2140.60', XF#SMT304, JOINT# F42
STA. 1319+79, ELEV. 2134.09', XF#SMB249, JOINT# 2795BR
STA. 1320+20, ELEV. 2130.87', XF#SMB250, JOINT# 2796BR
STA. 1320+61, ELEV. 2132.88', XF#SMB251, JOINT# 2797BR
STA. 1321+04, ELEV. 2140.50', XF#SMT306, JOINT# 2798BR
STA. 1321+54, ELEV. 2140.10', XF#SMT307, JOINT# 2799
STA. 1322+04, ELEV. 2138.80', XF#SM2594, JOINT# 2800
STA. 1322+35, ELEV. 2137.80', XF#SM2595, JOINT# 2801
STA. 1322+82, ELEV. 2136.80', XF#SM2596, JOINT# 2802
STA. 1323+33, ELEV. 2136.40', XF#SMT308, JOINT# 2803
STA. 1323+83, ELEV. 2136.30', XF#SM2597, JOINT# 2804
STA. 1324+33, ELEV. 2137.10', XF#SM2598, JOINT# 2805
STA. 1324+80, ELEV. 2138.40', XF#SMT314, JOINT# 2806
STA. 1324+89, ELEV. 2138.70', XF#SMT315, JOINT# 1510A
STA. 1325+38, ELEV. 2138.80', XF#SM2599, JOINT# 2807
STA. 1325+89, ELEV. 2140.50', XF#SM2600, JOINT# 2808
STA. 1326+39, ELEV. 2142.60', XF#SM2601, JOINT# 2809
STA. 1326+89, ELEV. 2144.70', XF#SM2602, JOINT# 2810
STA. 1327+38, ELEV. 2146.70', XF#SM2603, JOINT# 2811
STA. 1327+89, ELEV. 2148.60', XF#SM2604, JOINT# 2812
STA. 1328+39, ELEV. 2149.90', XF#SM2605, JOINT# 2813
STA. 1328+89, ELEV. 2152.00', XF#SM2606, JOINT# 2814
STA. 1329+39, ELEV. 2154.80', XF#SM2607, JOINT# 2815
STA. 1329+89, ELEV. 2155.50', XF#SM2608, JOINT# 2816
STA. 1330+39, ELEV. 2156.10', XF#SM2609, JOINT# 2817
STA. 1330+89, ELEV. 2156.00', XF#SM2610, JOINT# 2818
STA. 1331+40, ELEV. 2156.20', XF#SM2611, JOINT# 2819
STA. 1331+90, ELEV. 2156.60', XF#SM2612, JOINT# 2820
STA. 1332+40, ELEV. 2157.70', XF#SM2613, JOINT# 2821

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

– – – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,091 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	159 FT*
TOTAL		3,250FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 141	SHEET No. 41 OF 149 (1)

OWNERSHIP

1332+50 — 1346+90 — 1365+00

36720
OPSAL, ALLET N
22115 N PARADA DR
SUN CITY WEST AZ 85375
1440.40 FT
87.30 RODS

36755
OPSAL, PETER
918 1ST AVE W
WILLISTON ND 58801
1809.60 FT
109.67 RODS

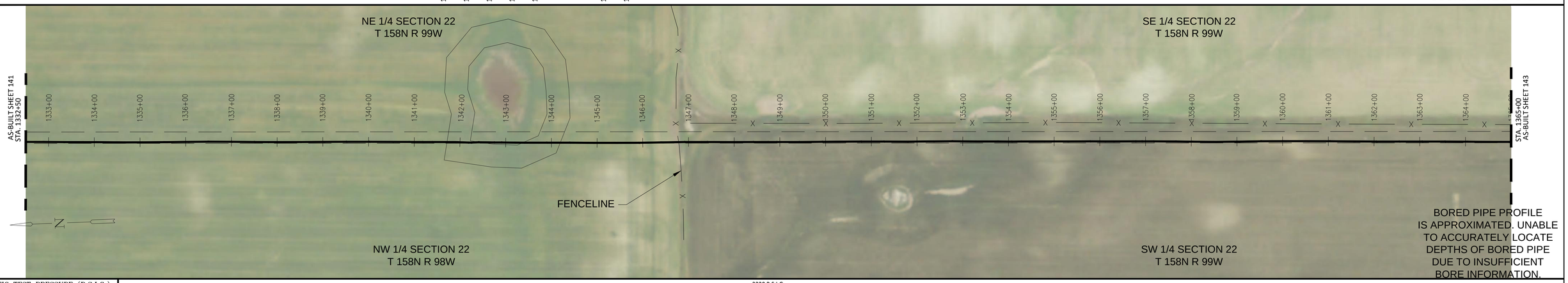
STATIONING

1341+72 EDGE OF WATER
1342+19 P.I. < 2°22'53" LT.
1342+25 P.I. < 2°27'16" LT.
1342+41 P.I. < 3°27'52" RT.
1342+44 EDGE OF WATER
1343+37 EDGE OF WATER
1344+19 EDGE OF WATER

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



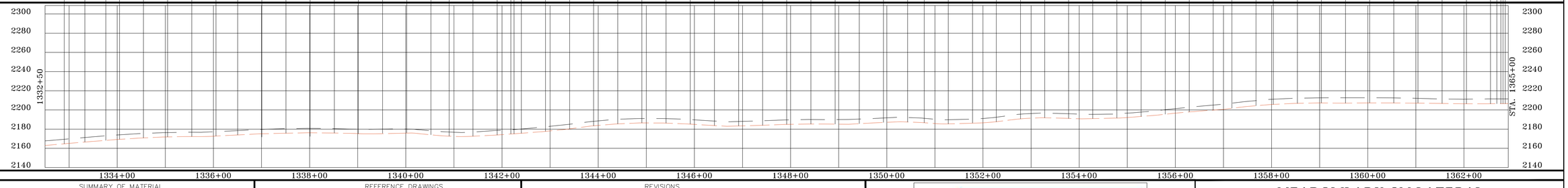
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1332+90, ELEV. 2158.60' , XR#SM2614, JOINT# 2822
STA. 1333+33, ELEV. 2159.90' , XR#SM2615, JOINT# 2823
STA. 1333+77, ELEV. 2161.10' , XR#SM2616, JOINT# 2824
STA. 1334+05, ELEV. 2161.60' , XR#SM2617, JOINT# 2825
STA. 1334+55, ELEV. 2163.00' , XR#SM2618, JOINT# 2826
STA. 1335+05, ELEV. 2165.10' , XR#SM2619, JOINT# 2827
STA. 1335+55, ELEV. 2167.20' , XR#SM2620, JOINT# 2828
STA. 1336+06, ELEV. 2169.20' , XR#SM2621, JOINT# 2829
STA. 1336+51, ELEV. 2170.60' , XR#SM2622, JOINT# 2830
STA. 1337+01, ELEV. 2171.80' , XR#SM2623, JOINT# 2831
STA. 1337+51, ELEV. 2172.30' , XR#SM2624, JOINT# 2832
STA. 1338+01, ELEV. 2172.50' , XR#SM2625, JOINT# 2833
STA. 1338+52, ELEV. 2173.80' , XR#SM2626, JOINT# 2834
STA. 1339+02, ELEV. 2175.10' , XR#SM2627, JOINT# 2835
STA. 1339+52, ELEV. 2175.70' , XR#SM2628, JOINT# 2836
STA. 1340+02, ELEV. 2176.20' , XR#SM2629, JOINT# 2837
STA. 1340+53, ELEV. 2176.00' , XR#SM2630, JOINT# 2838
STA. 1340+90, ELEV. 2175.60' , XR#SM2631, JOINT# 2839
STA. 1341+40, ELEV. 2175.10' , XR#SM2632, JOINT# 2840
STA. 1341+90, ELEV. 2175.60' , XR#SM2633, JOINT# 2841
STA. 1342+19, ELEV. 2176.00' , XR#SMT319, JOINT# 2842A
STA. 1342+25, ELEV. 2175.80' , XR#SMT320, JOINT# 1530A
STA. 1342+41, ELEV. 2175.00' , XR#SM2634, JOINT# 2842
STA. 1342+91, ELEV. 2172.80' , XR#SM2635, JOINT# 2843
STA. 1343+41, ELEV. 2172.50' , XR#SM2636, JOINT# 2844
STA. 1343+91, ELEV. 2173.70' , XR#SM2637, JOINT# 2845
STA. 1344+41, ELEV. 2175.50' , XR#SM2638, JOINT# 2846
STA. 1344+91, ELEV. 2177.40' , XR#SM2639, JOINT# 2847
STA. 1345+42, ELEV. 2179.90' , XR#SM2640, JOINT# 2848
STA. 1345+92, ELEV. 2183.20' , XR#SM2641, JOINT# 2849
STA. 1346+42, ELEV. 2185.30' , XR#SM2642, JOINT# 2850
STA. 1346+92, ELEV. 2186.50' , XR#SM2643, JOINT# 2851
STA. 1347+42, ELEV. 2186.40' , XR#SM2644, JOINT# 2852
STA. 1347+92, ELEV. 2185.40' , XR#SM2645, JOINT# 2853
STA. 1348+43, ELEV. 2183.90' , XR#SM2646, JOINT# 2854
STA. 1348+93, ELEV. 2183.20' , XR#SM2647, JOINT# 2855
STA. 1349+43, ELEV. 2183.90' , XR#SM2648, JOINT# 2856
STA. 1349+94, ELEV. 2184.90' , XR#SM2649, JOINT# 2857
STA. 1350+44, ELEV. 2185.30' , XR#SM2650, JOINT# 2858
STA. 1350+78, ELEV. 2185.30' , XR#SM2651, JOINT# 2859
STA. 1351+28, ELEV. 2185.10' , XR#SM2652, JOINT# 2860
STA. 1351+79, ELEV. 2186.50' , XR#SM2653, JOINT# 2861
STA. 1352+28, ELEV. 2187.60' , XR#SM2654, JOINT# 2862
STA. 1352+78, ELEV. 2186.90' , XR#SM2655, JOINT# 2863
STA. 1353+29, ELEV. 2185.40' , XR#SM2656, JOINT# 2864
STA. 1353+79, ELEV. 2186.10' , XR#SM2657, JOINT# 2865
STA. 1354+29, ELEV. 2187.40' , XR#SM2658, JOINT# 2866
STA. 1354+79, ELEV. 2190.40' , XR#SM2659, JOINT# 2867
STA. 1355+29, ELEV. 2191.90' , XR#SM2660, JOINT# 2868
STA. 1355+79, ELEV. 2191.30' , XR#SM2661, JOINT# 2869
STA. 1356+29, ELEV. 2190.90' , XR#SM2662, JOINT# 2870
STA. 1356+79, ELEV. 2191.50' , XR#SM2663, JOINT# 2871
STA. 1357+18, ELEV. 2192.50' , XR#SM2664, JOINT# 2872
STA. 1357+68, ELEV. 2194.50' , XR#SM2665, JOINT# 2873
STA. 1358+04, ELEV. 2196.50' , XR#SM2666, JOINT# 2874
STA. 1358+54, ELEV. 2198.70' , XR#SM2667, JOINT# 2875
STA. 1359+04, ELEV. 2200.40' , XR#SM2668, JOINT# 2876
STA. 1359+54, ELEV. 2203.50' , XR#SM2669, JOINT# 2877
STA. 1360+04, ELEV. 2205.60' , XR#SM2670, JOINT# 2878
STA. 1360+55, ELEV. 2206.80' , XR#SM2671, JOINT# 2879
STA. 1361+05, ELEV. 2207.30' , XR#SM2672, JOINT# 2880
STA. 1361+55, ELEV. 2207.10' , XR#SM2673, JOINT# 2881
STA. 1362+06, ELEV. 2207.30' , XR#SM2674, JOINT# 2882
STA. 1362+56, ELEV. 2207.30' , XR#SM2675, JOINT# 2883
STA. 1363+06, ELEV. 2207.10' , XR#SM2676, JOINT# 2884
STA. 1363+56, ELEV. 2206.80' , XR#SM2677, JOINT# 2885
STA. 1364+06, ELEV. 2206.40' , XR#SM2678, JOINT# 2886
STA. 1364+56, ELEV. 2206.40' , XR#SM2679, JOINT# 2887

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 142	SHEET No. 42 OF 149 (1)

OWNERSHIP

1365+00	1373+24	1386+48	1397+50
36755 OPSAL, PETER 918 1ST AVE W WILLISTON ND 58801 824.42 FT 49.96 RODS	19505 HELSTAD ETAL, BRAD 4933 COUNTRY LANE WILLISTON ND 58801 1323.94 FT 80.24 RODS	19505 HELSTAD ETAL, BRAD 4933 COUNTRY LANE WILLISTON ND 58801 1101.64 FT 66.77 RODS	

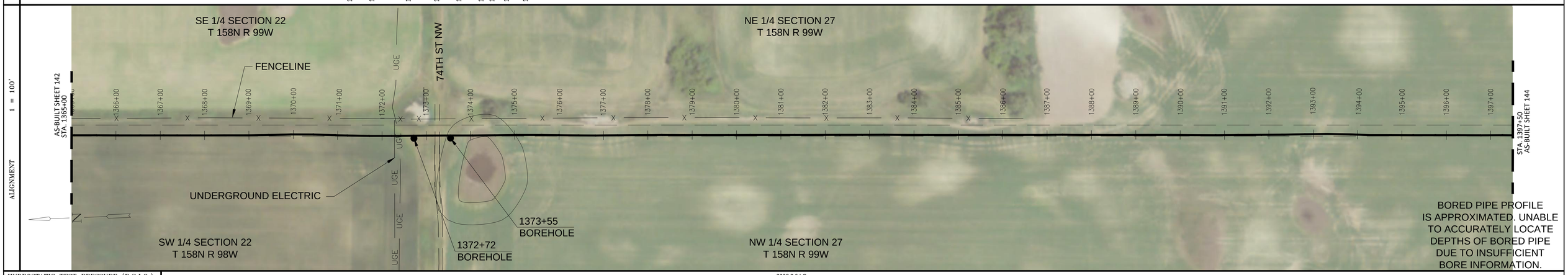
STATIONING

1372+28 UNDERGROUND ELECTRIC
1372+37 UNDERGROUND ELECTRIC
1372+72 BOREHOLE
1373+20 EDGE OF GRAVEL
1373+30 EDGE OF GRAVEL
1373+47 EDGE OF WATER
1373+50 TEST STATION
1373+55 BOREHOLE
1375+01 EDGE OF WATER

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



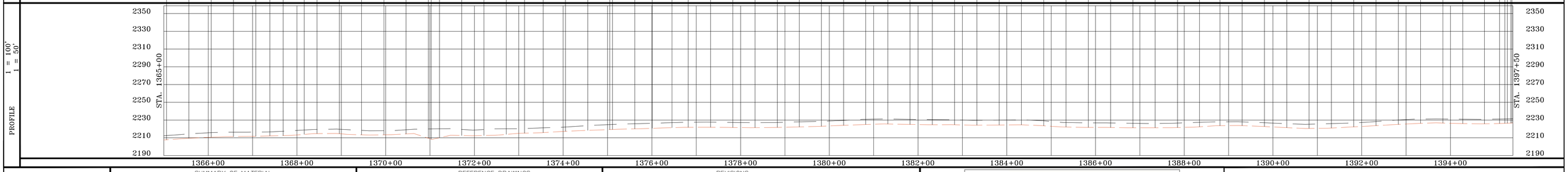
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1365+06, ELEV. 2206.70', XR#SM2680, JOINT# 2888
STA. 1365+56, ELEV. 2206.20', XR#SM2681, JOINT# 2889
STA. 1366+07, ELEV. 2205.90', XR#SM2682, JOINT# 2890
STA. 1366+57, ELEV. 2206.30', XR#SM2683, JOINT# 2891
STA. 1367+07, ELEV. 2207.60', XR#SM2684, JOINT# 2892
STA. 1367+39, ELEV. 2208.60', XR#SM2685, JOINT# 2893
STA. 1367+69, ELEV. 2209.60', XR#SM2686, JOINT# 2894
STA. 1368+16, ELEV. 2210.70', XR#SM2687, JOINT# 2895
STA. 1368+45, ELEV. 2211.20', XR#SM2688, JOINT# 2896
STA. 1368+96, ELEV. 2211.50', XR#SM2689, JOINT# 2897
STA. 1369+46, ELEV. 2212.10', XR#SMT313, JOINT# 2898
STA. 1369+96, ELEV. 2212.70', XR#SM2690, JOINT# 2900
STA. 1370+46, ELEV. 2214.70', XR#SM2691, JOINT# 2901
STA. 1370+96, ELEV. 2214.90', XR#SMT317, JOINT# 2902
STA. 1371+03, ELEV. 2214.70', XR#SMT318, JOINT# 2899A
STA. 1371+21, ELEV. 2213.90', XR#SMT309, JOINT# 2899
STA. 1371+71, ELEV. 2213.10', XR#SM2692, JOINT# 2903
STA. 1372+22, ELEV. 2213.50', XR#SM2693, JOINT# 2904
STA. 1372+72, ELEV. 2214.80', XR#SMT316, JOINT# 2905
STA. 1373+13, ELEV. 2208.21', XR#SMB258, JOINT# 2906BR
STA. 1373+55, ELEV. 2212.80', XR#SMT321, JOINT# 2907BR
STA. 1374+05, ELEV. 2212.30', XR#SM2694, JOINT# 2908
STA. 1374+56, ELEV. 2214.20', XR#SM2695, JOINT# 2909
STA. 1375+05, ELEV. 2214.90', XR#SMT323, JOINT# 2910
STA. 1375+11, ELEV. 2215.10', XR#SMT324, JOINT# 2899B
STA. 1375+62, ELEV. 2215.70', XR#SM2696, JOINT# 2911
STA. 1376+01, ELEV. 2217.00', XR#SM2697, JOINT# 2912
STA. 1376+45, ELEV. 2218.00', XR#SM2698, JOINT# 2913
STA. 1376+82, ELEV. 2218.70', XR#SM2699, JOINT# 2914
STA. 1377+32, ELEV. 2219.60', XR#SM2700, JOINT# 2915
STA. 1377+83, ELEV. 2220.20', XR#SM2701, JOINT# 2916
STA. 1378+33, ELEV. 2221.10', XR#SM2702, JOINT# 2917
STA. 1378+83, ELEV. 2221.80', XR#SM2703, JOINT# 2918
STA. 1379+32, ELEV. 2221.90', XR#SM2704, JOINT# 2919
STA. 1379+82, ELEV. 2221.70', XR#SM2705, JOINT# 2920
STA. 1380+32, ELEV. 2221.40', XR#SM2706, JOINT# 2921
STA. 1380+82, ELEV. 2221.60', XR#SM2707, JOINT# 2922
STA. 1381+32, ELEV. 2222.10', XR#SM2708, JOINT# 2923
STA. 1381+82, ELEV. 2222.80', XR#SM2709, JOINT# 2924
STA. 1382+32, ELEV. 2223.90', XR#SM2710, JOINT# 2925
STA. 1382+82, ELEV. 2224.80', XR#SM2711, JOINT# 2926
STA. 1383+33, ELEV. 2225.60', XR#SM2712, JOINT# 2927
STA. 1383+83, ELEV. 2225.10', XR#SM2713, JOINT# 2928
STA. 1384+33, ELEV. 2224.70', XR#SM2714, JOINT# 2929
STA. 1384+83, ELEV. 2224.80', XR#SM2715, JOINT# 2930
STA. 1385+33, ELEV. 2224.20', XR#SM2716, JOINT# 2931
STA. 1385+84, ELEV. 2224.40', XR#SM2717, JOINT# 2932
STA. 1386+34, ELEV. 2224.60', XR#SM2718, JOINT# 2933
STA. 1386+84, ELEV. 2223.80', XR#SM2719, JOINT# 2934
STA. 1387+35, ELEV. 2222.20', XR#SM2720, JOINT# 2935
STA. 1387+85, ELEV. 2221.70', XR#SM2721, JOINT# 2936
STA. 1388+34, ELEV. 2221.70', XR#SM2722, JOINT# 2937
STA. 1388+81, ELEV. 2221.30', XR#SM2723, JOINT# 2938
STA. 1389+31, ELEV. 2221.30', XR#SM2724, JOINT# 2939
STA. 1389+81, ELEV. 2221.40', XR#SM2725, JOINT# 2940
STA. 1390+31, ELEV. 2222.00', XR#SM2726, JOINT# 2941
STA. 1390+81, ELEV. 2223.60', XR#SM2727, JOINT# 2942
STA. 1391+32, ELEV. 2223.90', XR#SMT333, JOINT# 2943
STA. 1391+82, ELEV. 2222.90', XR#SMT327, JOINT# 2944
STA. 1392+32, ELEV. 2221.60', XR#SMT325, JOINT# 2949
STA. 1392+83, ELEV. 2220.50', XR#SMT326, JOINT# 2945
STA. 1393+33, ELEV. 2220.80', XR#SM2729, JOINT# 2946
STA. 1393+83, ELEV. 2222.10', XR#SM2731, JOINT# 2947
STA. 1394+28, ELEV. 2223.30', XR#SMT334, JOINT# 2948
STA. 1394+77, ELEV. 2224.70', XR#SM2728, JOINT# 2950
STA. 1395+27, ELEV. 2226.00', XR#SM2730, JOINT# 2951
STA. 1395+77, ELEV. 2226.90', XR#SM2732, JOINT# 2952
STA. 1396+27, ELEV. 2226.10', XR#SM2733, JOINT# 2953
STA. 1396+77, ELEV. 2225.70', XR#SM2734, JOINT# 2954
STA. 1397+28, ELEV. 2226.20', XR#SM2735, JOINT# 2955

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,167 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	83 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 143	SHEET No. 43 OF 149 1

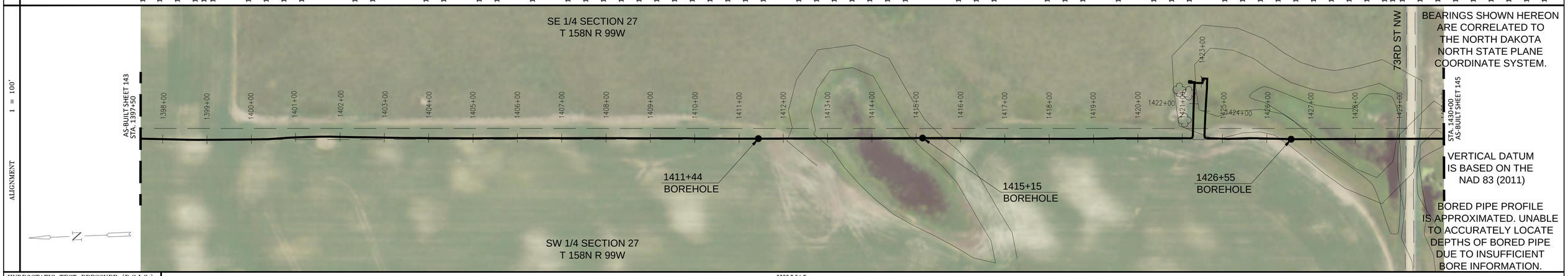
OWNERSHIP

1397+50 – 1399+70	1399+70 – 1429+26	1429+26 – 1430+00
19505 HELSTAD ETAL, BRAD 4933 COUNTRY LANE WILLISTON ND 58801 219.87 FT 13.33 RODS	19490 HELSTAD ETAL, ROXIE 2106 16TH CT W WILLISTON ND 58801 2956.49 FT 179.18 RODS	19490 HELSTAD ETAL, ROXIE 2106 16TH CT W WILLISTON ND 58801 73.64 FT 4.46 RODS

STATIONING

1411+44 BOREHOLE
1412+10 EDGE OF WATER
1412+80 EDGE OF WATER
1414+90 EDGE OF WATER
1415+15 BOREHOLE
1415+63 EDGE OF WATER
1421+18 P.I.. < 13°19'23" LT.
1421+23 P.I.. < 62°25'59" LT.
1421+28 P.I.. < 13°54'43" LT.
1421+38 EDGE OF WATER
1422+51 VALVE
1422+52 EDGE OF WATER
1422+54 P.I.. < 88°00'41" LT.
1422+54 VALVE
1422+57 VALVE
1422+61 P.I.. < 32°42'02" RT.
1422+63 P.I.. < 53°04'20" RT.
1422+64 P.I.. < 88°25'49" LT.
1422+66 VALVE
1422+68 P.I.. < 15°43'44" LT.
1422+69 P.I.. < 59°49'35" LT.
1422+70 P.I.. < 16°00'52" LT.
1422+71 P.I.. < 33°37'56" LT.
1422+72 P.I.. < 34°56'28" LT.
1422+73 P.I.. < 19°35'30" LT.
1423+02 P.I.. < 19°23'34" LT.
1423+02 P.I.. < 42°57'26" LT.
1423+03 P.I.. < 25°54'55" LT.
1423+11 P.I.. < 11°48'53" LT.
1423+12 P.I.. < 131°19'40" RT.
1423+12 P.I.. < 145°51'23" LT.
1423+14 P.I.. < 111°09'41" RT.
1423+15 P.I.. < 9°37'11" RT.
1423+16 P.I.. < 5°52'41" LT.
1423+18 VALVE
1423+20 P.I.. < 2°06'27" RT.
1423+22 VALVE
1423+22 VALVE
1423+24 P.I.. < 87°16'24" RT.
1423+24 VALVE
1423+28 VALVE
1423+30 P.I.. < 4°54'58" RT.
1423+33 P.I.. < 2°01'45" LT.
1423+37 P.I.. < 4°57'24" LT.
1423+44 P.I.. < 2°32'11" RT.
1423+48 P.I.. < 2°09'40" RT.
1424+02 EDGE OF WATER
1424+55 EDGE OF WATER
1424+56 P.I.. < 14°29'09" LT.
1424+60 P.I.. < 64°34'35" LT.
1424+66 P.I.. < 11°24'59" LT.
1424+78 EDGE OF WATER
1424+95 EDGE OF WATER
1425+13 P.I.. < 3°38'16" LT.
1425+64 P.I.. < 3°05'21" RT.
1426+30 EDGE OF WATER
1426+55 BOREHOLE
1427+05 EDGE OF WATER
1427+15 EDGE OF WATER
1428+94 EDGE OF WATER
1428+97 EDGE OF WATER
1429+00 EDGE OF WATER
1429+15 EDGE OF GRAVEL
1429+33 EDGE OF GRAVEL
1429+44 EDGE OF WATER
1429+62 EDGE OF WATER

ALIGNMENT 1 = 100'



BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

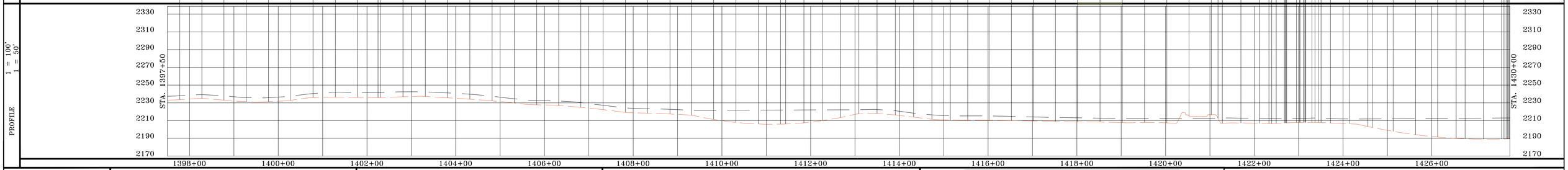
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1397+78, ELEV. 2227.60', XR#SM2736, JOINT# 2956
STA. 1398+28, ELEV. 2229.90', XR#SM2737, JOINT# 2957
STA. 1398+77, ELEV. 2232.10', XR#SM2738, JOINT# 2958
STA. 1399+28, ELEV. 2232.50', XR#SM2739, JOINT# 2959
STA. 1399+78, ELEV. 2233.30', XR#SM2740, JOINT# 2960
STA. 1400+28, ELEV. 2234.90', XR#SM2741, JOINT# 2961
STA. 1400+78, ELEV. 2233.40', XR#SMT330, JOINT# 2962
STA. 1401+29, ELEV. 2231.50', XR#SMT322, JOINT# 2965
STA. 1401+79, ELEV. 2231.00', XR#SM2742, JOINT# 2963
STA. 1402+25, ELEV. 2232.30', XR#SMT331, JOINT# 2964
STA. 1402+31, ELEV. 2232.40', XR#SMT332, JOINT# 2899B
STA. 1402+81, ELEV. 2235.90', XR#SM2743, JOINT# 2966
STA. 1403+31, ELEV. 2236.40', XR#SM2744, JOINT# 2967
STA. 1403+82, ELEV. 2236.20', XR#SM2745, JOINT# 2968
STA. 1404+32, ELEV. 2235.90', XR#SM2746, JOINT# 2969
STA. 1404+82, ELEV. 2236.70', XR#SM2747, JOINT# 2970
STA. 1405+32, ELEV. 2237.50', XR#SM2748, JOINT# 2971
STA. 1405+82, ELEV. 2235.90', XR#SM2749, JOINT# 2972
STA. 1406+32, ELEV. 2234.40', XR#SM2750, JOINT# 2973
STA. 1406+82, ELEV. 2232.70', XR#SM2751, JOINT# 2974
STA. 1407+32, ELEV. 2230.40', XR#SM2752, JOINT# 2975
STA. 1407+82, ELEV. 2227.90', XR#SM2753, JOINT# 2976
STA. 1408+33, ELEV. 2227.30', XR#SM2754, JOINT# 2977
STA. 1408+83, ELEV. 2225.30', XR#SM2755, JOINT# 2978
STA. 1409+31, ELEV. 2223.00', XR#SM2756, JOINT# 2979
STA. 1409+81, ELEV. 2219.90', XR#SM2757, JOINT# 2980
STA. 1410+32, ELEV. 2218.50', XR#SM2758, JOINT# 2981
STA. 1410+82, ELEV. 2217.70', XR#SM2759, JOINT# 2982
STA. 1411+32, ELEV. 2216.40', XR#SMT328BR, JOINT# 2983
STA. 1411+44, ELEV. 2215.90', XR#SMT329, JOINT# 2984
STA. 1411+85, ELEV. 2211.78', XR#SMB259, JOINT# 2985BR
STA. 1412+26, ELEV. 2208.73', XR#SMB260, JOINT# 2986BR
STA. 1412+67, ELEV. 2206.76', XR#SMB261, JOINT# 2987BR
STA. 1413+09, ELEV. 2205.85', XR#SMB262, JOINT# 2988BR
STA. 1413+50, ELEV. 2206.01', XR#SMB263, JOINT# 2989BR
STA. 1413+91, ELEV. 2207.25', XR#SMB264, JOINT# 2990BR
STA. 1414+32, ELEV. 2209.57', XR#SMB265, JOINT# 2991BR
STA. 1414+73, ELEV. 2212.95', XR#SMB266, JOINT# 2992BR
STA. 1415+15, ELEV. 2217.40', XR#SMT335, JOINT# 2993BR
STA. 1415+54, ELEV. 2218.30', XR#SMT342, JOINT# 2994
STA. 1416+02, ELEV. 2216.30', XR#SM2760, JOINT# 2995
STA. 1416+53, ELEV. 2213.30', XR#SM2761, JOINT# 2996
STA. 1417+02, ELEV. 2210.90', XR#SM2762, JOINT# 2997
STA. 1417+52, ELEV. 2210.60', XR#SM2763, JOINT# 2998
STA. 1418+02, ELEV. 2210.40', XR#SM2764, JOINT# 2999
STA. 1418+52, ELEV. 2210.10', XR#SM2765, JOINT# 3000
STA. 1419+02, ELEV. 2209.60', XR#SM2766, JOINT# 3001
STA. 1419+53, ELEV. 2209.20', XR#SM2767, JOINT# 3002
STA. 1420+03, ELEV. 2208.50', XR#SM2768, JOINT# 3003
STA. 1420+53, ELEV. 2208.50', XR#SM2769, JOINT# 3004
STA. 1421+03, ELEV. 2207.90', XR#SM2770, JOINT# 3005
STA. 1421+16, ELEV. 2207.60', XR#SMT727, JOINT# 3006
STA. 1421+28, ELEV. 2207.50', XR#SMF87, JOINT# F65
STA. 1421+70, ELEV. 2208.00', XR#SMF86, JOINT# 4909
STA. 1422+12, ELEV. 2207.50', XR#SMF83, JOINT# 4903
STA. 1422+33, ELEV. 2206.90', XR#SMT729, JOINT# 4907
STA. 1422+39, ELEV. 2209.10', XR#SMF90, JOINT# F67
STA. 1422+49, ELEV. 2216.20', XR#SMT753, JOINT# 4905
STA. 1422+60, ELEV. 2216.30', XR#SMT757, JOINT# NONE
STA. 1422+70, ELEV. 2215.50', XR#SMT756, JOINT# NONE
STA. 1422+71, ELEV. 2215.00', XR#SMT755, JOINT# NONE
STA. 1422+75, ELEV. 2214.60', XR#SMT754, JOINT# NONE
STA. 1422+95, ELEV. 2214.60', XR#SMT759, JOINT# NONE
STA. 1423+02, ELEV. 2214.60', XR#SMT760, JOINT# NONE
STA. 1423+11, ELEV. 2214.60', XR#SMT761, JOINT# NONE
STA. 1423+12, ELEV. 2215.20', XR#SMT762, JOINT# NONE
STA. 1423+15, ELEV. 2216.80', XR#SMT763, JOINT# NONE
STA. 1423+16, ELEV. 2216.60', XR#SMT764, JOINT# NONE
STA. 1423+30, ELEV. 2216.70', XR#SMT765, JOINT# F70
STA. 1423+37, ELEV. 2214.30', XR#NONE, JOINT# NONE
STA. 1423+44, ELEV. 2209.20', XR#SMF89, JOINT# 4905A
STA. 1423+51, ELEV. 2206.90', XR#SMT730, JOINT# F66
STA. 1423+72, ELEV. 2207.40', XR#SMF94, JOINT# 4907A
STA. 1424+14, ELEV. 2207.20', XR#SMF95, JOINT# 4904
STA. 1424+56, ELEV. 2206.70', XR#SMF98, JOINT# 4908
STA. 1424+66, ELEV. 2206.80', XR#SMT728, JOINT# F64
STA. 1425+13, ELEV. 2207.80', XR#SM2772, JOINT# 3007
STA. 1425+64, ELEV. 2208.00', XR#SMT336, JOINT# 3009
STA. 1426+13, ELEV. 2206.90', XR#SMT337, JOINT# 3008
STA. 1426+55, ELEV. 2206.00', XR#SMT341, JOINT# 3010
STA. 1426+75, ELEV. 2203.74', XR#SMB269, JOINT# 3013BR
STA. 1427+16, ELEV. 2199.59', XR#SMB270, JOINT# 3014BR
STA. 1427+58, ELEV. 2196.12', XR#SMB271, JOINT# 3015BR
STA. 1427+99, ELEV. 2193.33', XR#SMB272, JOINT# 3016BR
STA. 1428+40, ELEV. 2191.21', XR#SMB273, JOINT# 3017BR
STA. 1428+81, ELEV. 2189.77', XR#SMB274, JOINT# 3018BR
STA. 1429+22, ELEV. 2189.00', XR#SMB275, JOINT# 3019BR
STA. 1429+64, ELEV. 2188.91', XR#SMB276, JOINT# 3020BR

PROFILE 1 = 100' / 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,534 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	716 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 144	SHEET No. 44 OF 149 (1)

OWNERSHIP

1430+00

19490
HELSTAD ETAL, ROXIE
2106 16TH CT W
WILLISTON ND 58801
2562.26 FT
155.29 RODS

1455+62

19490
HELSTAD ETAL, SUSAN R
2106 16TH CT W
WILLISTON ND 58801
113.42 FT
6.87 RODS

1456+76

19500
HELSTAD TRUST, ALFRED W
PO BOX 1018
SPEARFISH SD 57783
574.32 FT
34.81 RODS

1462+50

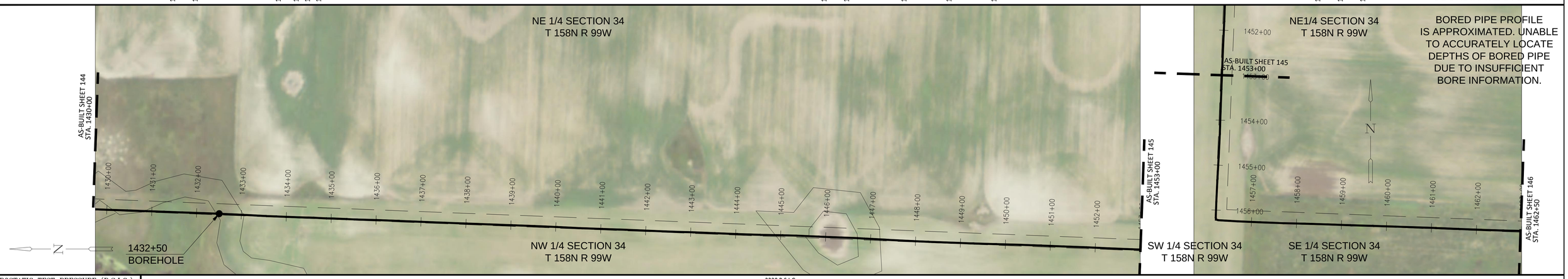
STATIONING

1430+14 EDGE OF WATER
1430+83 EDGE OF WATER
1432+30 TEST STATION
1432+44 EDGE OF WATER
1432+50 BOREHOLE
1433+05 EDGE OF WATER
1444+88 EDGE OF WATER
1445+54 EDGE OF WATER
1446+71 EDGE OF WATER
1446+86 P.I. < 2°21'42" LT.
1447+21 EDGE OF WATER
1456+17 P.I. < 11°31'59" LT.
1456+21 P.I. < 62°33'18" LT.
1456+26 P.I. < 14°40'08" LT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



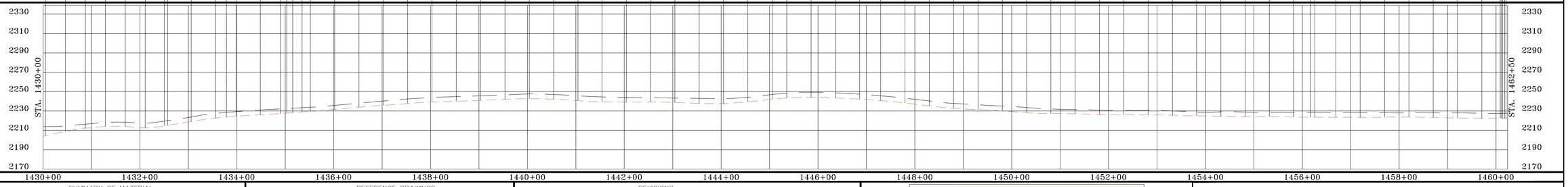
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1430+05, ELEV. 2189.49', XR#SMB277, JOINT# 3021BR
STA. 1430+46, ELEV. 2190.76', XR#SMB278, JOINT# 3022BR
STA. 1430+87, ELEV. 2192.69', XR#SMB279, JOINT# 3023BR
STA. 1431+28, ELEV. 2195.31', XR#SMB280, JOINT# 3024BR
STA. 1431+70, ELEV. 2198.59', XR#SMB281, JOINT# 3025BR
STA. 1432+11, ELEV. 2202.56', XR#SMB282, JOINT# 3026BR
STA. 1432+50, ELEV. 2207.00', XR#SMT343, JOINT# 3027BR
STA. 1432+57, ELEV. 2207.50', XR#SMT344, JOINT# 3070A
STA. 1433+06, ELEV. 2212.00', XR#SMT340, JOINT# 2073
STA. 1433+56, ELEV. 2214.00', XR#SM2773, JOINT# 2179
STA. 1433+76, ELEV. 2214.20', XR#SM2774, JOINT# 2110C
STA. 1433+99, ELEV. 2213.80', XR#SM2775, JOINT# 2178A
STA. 1434+49, ELEV. 2212.80', XR#SM2776, JOINT# 1481
STA. 1434+90, ELEV. 2215.70', XR#SM2777, JOINT# 2043A
STA. 1435+03, ELEV. 2216.80', XR#SM2778, JOINT# 1877A
STA. 1435+15, ELEV. 2217.80', XR#SM2779, JOINT# 1469B
STA. 1435+35, ELEV. 2219.40', XR#SM2780, JOINT# 1051A
STA. 1435+52, ELEV. 2220.80', XR#SM2781, JOINT# 1341B
STA. 1436+02, ELEV. 2223.70', XR#SM2782, JOINT# 3028
STA. 1436+52, ELEV. 2225.50', XR#SM2783, JOINT# 3029
STA. 1437+02, ELEV. 2226.90', XR#SM2784, JOINT# 3030
STA. 1437+53, ELEV. 2228.70', XR#SM2785, JOINT# 3031
STA. 1438+03, ELEV. 2230.30', XR#SM2786, JOINT# 3032
STA. 1438+53, ELEV. 2232.80', XR#SM2787, JOINT# 3033
STA. 1439+03, ELEV. 2235.00', XR#SM2788, JOINT# 3034
STA. 1439+54, ELEV. 2236.70', XR#SM2789, JOINT# 3035
STA. 1440+04, ELEV. 2238.70', XR#SM2790, JOINT# 3036
STA. 1440+54, ELEV. 2239.50', XR#SM2791, JOINT# 3037
STA. 1441+04, ELEV. 2240.40', XR#SM2792, JOINT# 3038
STA. 1441+54, ELEV. 2241.40', XR#SM2793, JOINT# 3039
STA. 1442+04, ELEV. 2242.50', XR#SM2794, JOINT# 3040
STA. 1442+54, ELEV. 2242.70', XR#SM2795, JOINT# 3041
STA. 1443+04, ELEV. 2241.50', XR#SM2796, JOINT# 3042
STA. 1443+55, ELEV. 2239.70', XR#SM2797, JOINT# 3043
STA. 1444+05, ELEV. 2239.30', XR#SM2798, JOINT# 3044
STA. 1444+55, ELEV. 2239.10', XR#SM2800, JOINT# 3046
STA. 1445+05, ELEV. 2239.10', XR#SM2801, JOINT# 3047
STA. 1445+35, ELEV. 2238.70', XR#SMT310, JOINT# 3048
STA. 1445+86, ELEV. 2237.60', XR#SM2799, JOINT# 3045
STA. 1446+36, ELEV. 2237.60', XR#SMT311, JOINT# 3049
STA. 1446+86, ELEV. 2239.70', XR#SMT312, JOINT# 3050
STA. 1447+29, ELEV. 2242.00', XR#SM2671, JOINT# 3051
STA. 1447+80, ELEV. 2244.00', XR#SM2672, JOINT# 3052
STA. 1448+30, ELEV. 2244.10', XR#SM2673, JOINT# 3053
STA. 1448+80, ELEV. 2243.10', XR#SM2674, JOINT# 3054
STA. 1449+30, ELEV. 2241.60', XR#SM2675, JOINT# 3055
STA. 1449+81, ELEV. 2239.60', XR#SM2676, JOINT# 3056
STA. 1450+31, ELEV. 2236.80', XR#SM2677, JOINT# 3057
STA. 1450+81, ELEV. 2233.80', XR#SM2678, JOINT# 3058
STA. 1451+31, ELEV. 2232.00', XR#SM2679, JOINT# 3059
STA. 1451+81, ELEV. 2230.70', XR#SM2680, JOINT# 3060
STA. 1452+32, ELEV. 2229.10', XR#SM2681, JOINT# 3061
STA. 1452+82, ELEV. 2227.30', XR#SM2682, JOINT# 3062
STA. 1453+32, ELEV. 2227.30', XR#SM2683, JOINT# 3063
STA. 1453+82, ELEV. 2226.80', XR#SM2684, JOINT# 3064
STA. 1454+32, ELEV. 2226.00', XR#SM2685, JOINT# 3065
STA. 1454+82, ELEV. 2226.10', XR#SM2686, JOINT# 3066
STA. 1455+32, ELEV. 2226.10', XR#SM2687, JOINT# 3067
STA. 1455+82, ELEV. 2225.10', XR#SM2688, JOINT# 3068
STA. 1456+17, ELEV. 2224.90', XR#SMT338, JOINT# 3069
STA. 1456+26, ELEV. 2224.70', XR#SMT339, JOINT# F42
STA. 1456+69, ELEV. 2224.30', XR#SM2689, JOINT# 3070
STA. 1457+20, ELEV. 2224.20', XR#SM2970, JOINT# 3071
STA. 1457+70, ELEV. 2224.20', XR#SM2803, JOINT# 3073
STA. 1458+20, ELEV. 2223.60', XR#SM2805, JOINT# 3074
STA. 1458+70, ELEV. 2223.50', XR#SM2807, JOINT# 3075
STA. 1459+20, ELEV. 2225.50', XR#SM2809, JOINT# 3076
STA. 1459+71, ELEV. 2223.30', XR#SM2811, JOINT# 3077
STA. 1460+21, ELEV. 2223.80', XR#SM2813, JOINT# 3079
STA. 1460+71, ELEV. 2223.50', XR#SM2971, JOINT# 3072
STA. 1461+11, ELEV. 2223.20', XR#SM2802, JOINT# 3078
STA. 1461+61, ELEV. 2222.50', XR#SM2804, JOINT# 3080
STA. 1462+11, ELEV. 2222.30', XR#SM2806, JOINT# 3081

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,000 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	250 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 145	SHEET No. 45 OF 149 1

OWNERSHIP

1462+50

19500
HELSTAD TRUST, ALFRED W
PO BOX 1018
SPEARFISH SD 57783
3250.00 FT
196.97 RODS

1495+00

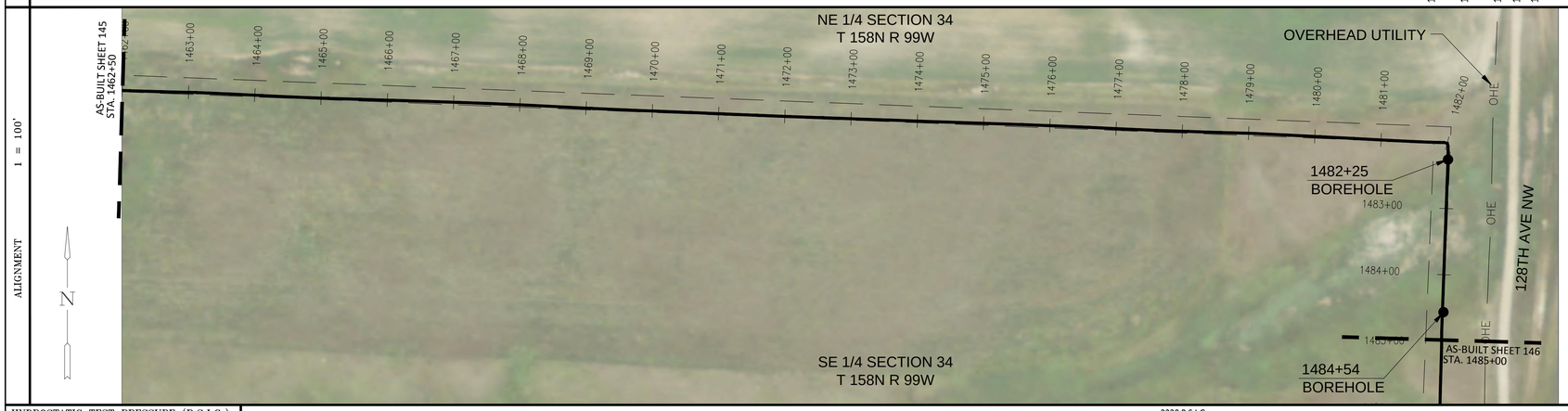
STATIONING

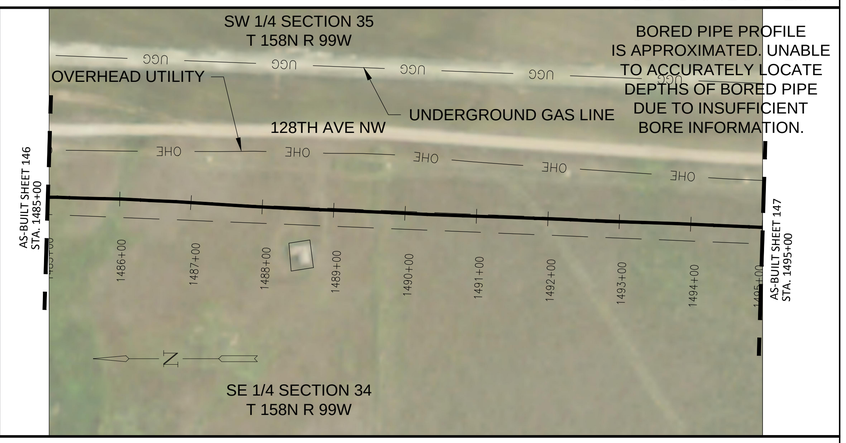
1481+95 P.I. < 14°29'47" RT.
1482+00 P.I. < 61°26'43" RT.
1482+05 P.I. < 13°40'23" RT.
1482+25 BOREHOLE
1484+54 BOREHOLE

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'





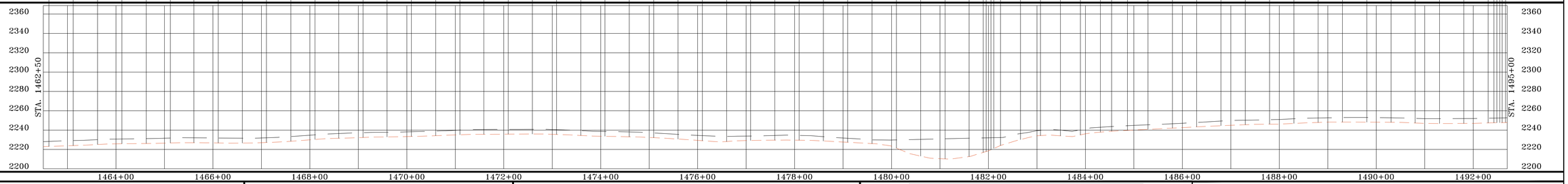
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1462+62, ELEV. 2222.40', XR#SM2808, JOINT# 3082
STA. 1463+12, ELEV. 2222.70', XR#SM2810, JOINT# 3083
STA. 1463+62, ELEV. 2222.80', XR#SM2812, JOINT# 3084
STA. 1464+12, ELEV. 2222.40', XR#SM2814, JOINT# 3085
STA. 1464+62, ELEV. 2222.80', XR#SM2815, JOINT# 3086
STA. 1465+12, ELEV. 2223.50', XR#SM2816, JOINT# 3087
STA. 1465+61, ELEV. 2224.40', XR#SM2817, JOINT# 3088
STA. 1466+11, ELEV. 2225.70', XR#SM2818, JOINT# 3089
STA. 1466+61, ELEV. 2226.00', XR#SM2819, JOINT# 3090
STA. 1467+10, ELEV. 2226.30', XR#SM2820, JOINT# 3091
STA. 1467+61, ELEV. 2227.00', XR#SM2821, JOINT# 3092
STA. 1468+11, ELEV. 2226.90', XR#SM2822, JOINT# 3093
STA. 1468+59, ELEV. 2226.50', XR#SM2823, JOINT# 3094
STA. 1469+10, ELEV. 2226.70', XR#SM2824, JOINT# 3095
STA. 1469+59, ELEV. 2227.60', XR#SM2825, JOINT# 3096
STA. 1470+09, ELEV. 2229.30', XR#SM2826, JOINT# 3097
STA. 1470+60, ELEV. 2231.20', XR#SM2827, JOINT# 3098
STA. 1471+09, ELEV. 2231.90', XR#SM2828, JOINT# 3099
STA. 1471+59, ELEV. 2232.80', XR#SM2829, JOINT# 3100
STA. 1472+09, ELEV. 2233.10', XR#SM2830, JOINT# 3101
STA. 1472+59, ELEV. 2233.70', XR#SM2831, JOINT# 3102
STA. 1473+09, ELEV. 2234.70', XR#SM2832, JOINT# 3103
STA. 1473+59, ELEV. 2235.60', XR#SM2833, JOINT# 3104
STA. 1474+09, ELEV. 2235.70', XR#SM2834, JOINT# 3105
STA. 1474+59, ELEV. 2235.90', XR#SM2835, JOINT# 3106
STA. 1475+09, ELEV. 2236.00', XR#SM2836, JOINT# 3107
STA. 1475+60, ELEV. 2235.10', XR#SM2837, JOINT# 3108
STA. 1476+10, ELEV. 2233.80', XR#SM2838, JOINT# 3109
STA. 1476+60, ELEV. 2233.40', XR#SM2839, JOINT# 3110
STA. 1477+09, ELEV. 2232.80', XR#SM2840, JOINT# 3111
STA. 1477+59, ELEV. 2231.60', XR#SM2841, JOINT# 3112
STA. 1478+09, ELEV. 2230.00', XR#SMB2842, JOINT# 3113
STA. 1478+59, ELEV. 2228.20', XR#SM2843, JOINT# 3114
STA. 1479+09, ELEV. 2229.00', XR#SM2844, JOINT# 3115
STA. 1479+60, ELEV. 2229.50', XR#SM2845, JOINT# 3116
STA. 1480+10, ELEV. 2229.70', XR#SM2846, JOINT# 3117
STA. 1480+60, ELEV. 2229.40', XR#SM2847, JOINT# 3118
STA. 1481+10, ELEV. 2228.10', XR#SM2848, JOINT# 3119
STA. 1481+60, ELEV. 2226.80', XR#SMT352, JOINT# 3120
STA. 1481+89, ELEV. 2226.00', XR#SMT353, JOINT# 3121
STA. 1481+95, ELEV. 2225.80', XR#SMT354, JOINT# 3121A
STA. 1482+05, ELEV. 2225.20', XR#SMT355, JOINT# F43
STA. 1482+11, ELEV. 2224.70', XR#SMT356, JOINT# 3121B
STA. 1482+25, ELEV. 2223.70', XR#SMT357, JOINT# 3129B
STA. 1482+66, ELEV. 2215.51', XR#SMB257, JOINT# 3122BR
STA. 1483+07, ELEV. 2210.94', XR#SMB256, JOINT# 3123BR
STA. 1483+48, ELEV. 2210.00', XR#SMB255, JOINT# 3124BR
STA. 1483+90, ELEV. 2212.71', XR#SMB254, JOINT# 3125BR
STA. 1484+31, ELEV. 2219.06', XR#SMB253, JOINT# 3126BR
STA. 1484+54, ELEV. 2224.20', XR#SMT345, JOINT# 3127BR
STA. 1484+87, ELEV. 2229.10', XR#SMT346, JOINT# 3129
STA. 1485+29, ELEV. 2234.10', XR#SM2849, JOINT# 3130
STA. 1485+80, ELEV. 2234.00', XR#SM2850, JOINT# 3131
STA. 1486+29, ELEV. 2236.10', XR#SM2851, JOINT# 3132
STA. 1486+80, ELEV. 2238.70', XR#SM2852, JOINT# 3133
STA. 1487+30, ELEV. 2240.10', XR#SM2853, JOINT# 3134
STA. 1487+80, ELEV. 2241.30', XR#SM2854, JOINT# 3135
STA. 1488+30, ELEV. 2242.60', XR#SM2855, JOINT# 3136
STA. 1488+80, ELEV. 2243.90', XR#SM2856, JOINT# 3137
STA. 1489+30, ELEV. 2245.00', XR#SM2857, JOINT# 3138
STA. 1489+80, ELEV. 2246.00', XR#SM2858, JOINT# 3139
STA. 1490+31, ELEV. 2246.20', XR#SM2859, JOINT# 3140
STA. 1490+80, ELEV. 2247.40', XR#SM2860, JOINT# 3141
STA. 1491+30, ELEV. 2248.30', XR#SM2861, JOINT# 3142
STA. 1491+81, ELEV. 2248.30', XR#SM2862, JOINT# 3143
STA. 1492+31, ELEV. 2248.20', XR#SM2863, JOINT# 3144
STA. 1492+81, ELEV. 2248.00', XR#SM2864, JOINT# 3145
STA. 1493+31, ELEV. 2246.90', XR#SM2865, JOINT# 3146
STA. 1493+82, ELEV. 2246.80', XR#SM2866, JOINT# 3147
STA. 1494+32, ELEV. 2247.00', XR#SM2867, JOINT# 3148
STA. 1494+82, ELEV. 2247.70', XR#SM2868, JOINT# 3149

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,021 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	229 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 146	SHEET No. 46 OF 149

1

OWNERSHIP

1495+00 — 1508+15: 19500 HELSTAD TRUST, ALFRED W PO BOX 1018 SPEARFISH SD 57783 1314.53 FT 79.67 RODS

1508+15 — 1527+50: 19500 HELSTAD TRUST, ALFRED W PO BOX 1018 SPEARFISH SD 57783 1935.47 FT 117.30 RODS

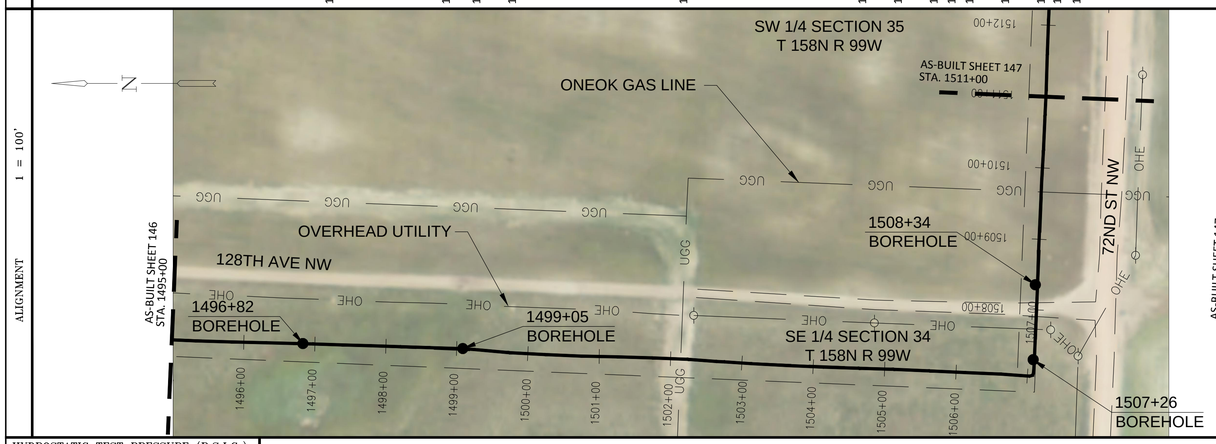
STATIONING

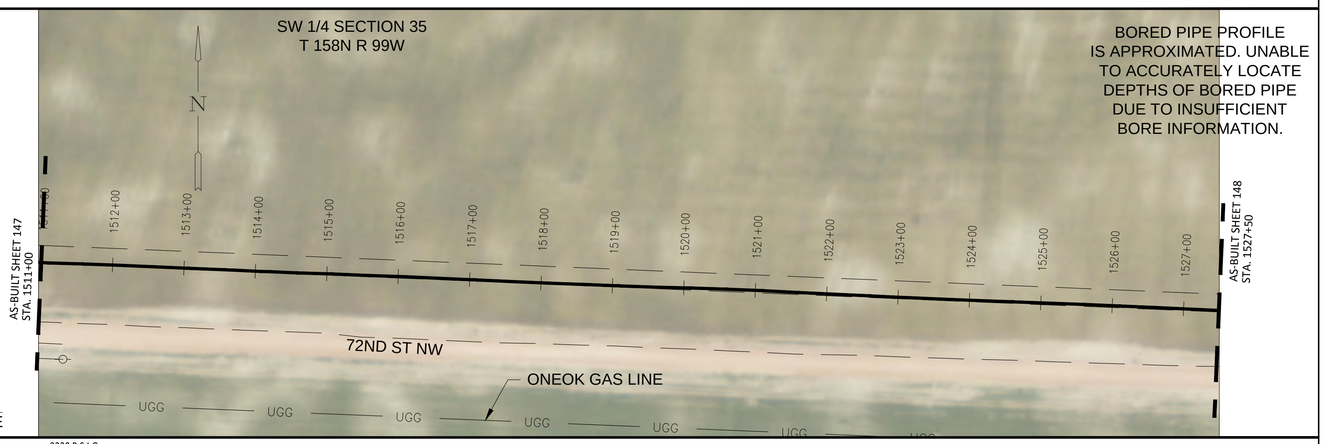
1496+82 BOREHOLE
1499+05 BOREHOLE
1499+05 P.I. < 2°02'17" RT.
1499+74 P.I. < 2°12'48" LT.
1502+05 EXISTING PIPELINE
1507+03 P.I. < 19°03'22" LT.
1507+08 P.I. < 58°47'42" LT.
1507+12 P.I. < 12°11'20" LT.
1507+26 BOREHOLE
1507+73 OVERHEAD ELECTRIC
1507+91 EDGE OF GRAVEL
1508+10 EDGE OF GRAVEL
1508+34 BOREHOLE
1509+62 EXISTING PIPELINE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'





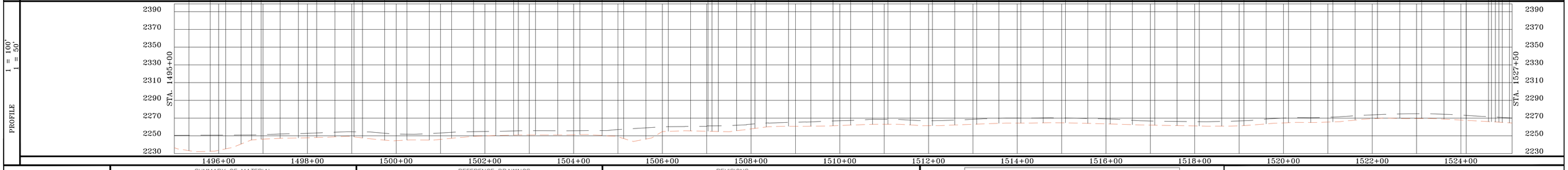
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1495+32, ELEV. 2248.30', XR#SM2869, JOINT# 3150
STA. 1495+82, ELEV. 2248.10', XR#SM2870, JOINT# 3151
STA. 1496+32, ELEV. 2246.90', XR#SMT 361, JOINT# 3152
STA. 1496+71, ELEV. 2245.90', XR#SMT 362, JOINT# 2984B
STA. 1496+82, ELEV. 2245.50', XR#SMT 363, JOINT# 2899C
STA. 1496+97, ELEV. 2242.14', XR#SMB283, JOINT# 3153BR
STA. 1497+38, ELEV. 2235.26', XR#SMB284, JOINT# 3154BR
STA. 1497+80, ELEV. 2232.08', XR#SMB285, JOINT# 3155BR
STA. 1498+21, ELEV. 2232.61', XR#SMB286, JOINT# 3156BR
STA. 1498+62, ELEV. 2236.86', XR#SMB287, JOINT# 3157BR
STA. 1499+05, ELEV. 2245.20', XR#SMT347, JOINT# 3158BR
STA. 1499+24, ELEV. 2246.10', XR#SMT348, JOINT# 3159
STA. 1499+74, ELEV. 2247.30', XR#SM2890, JOINT# 3160
STA. 1500+24, ELEV. 2247.70', XR#SM2891, JOINT# 3161
STA. 1500+75, ELEV. 2248.40', XR#SM2892, JOINT# 3162
STA. 1501+25, ELEV. 2249.50', XR#SMT349, JOINT# 3163
STA. 1501+74, ELEV. 2248.77', XR#SM2893, JOINT# 3164
STA. 1502+25, ELEV. 2246.13', XR#SM2894, JOINT# 3165
STA. 1502+65, ELEV. 2245.40', XR#SMT350, JOINT# 3166
STA. 1502+75, ELEV. 2245.40', XR#SMT351, JOINT# 3167A
STA. 1503+14, ELEV. 2246.10', XR#SM2895, JOINT# 3167
STA. 1503+64, ELEV. 2247.60', XR#SM2896, JOINT# 3168
STA. 1504+14, ELEV. 2249.70', XR#SM2897, JOINT# 3169
STA. 1504+64, ELEV. 2250.40', XR#SM2898, JOINT# 3170
STA. 1505+13, ELEV. 2251.00', XR#SM2899, JOINT# 3171
STA. 1505+63, ELEV. 2251.00', XR#SM2900, JOINT# 3172
STA. 1506+13, ELEV. 2251.00', XR#SM2901, JOINT# 3173
STA. 1506+64, ELEV. 2251.40', XR#SM2902, JOINT# 3174
STA. 1507+03, ELEV. 2250.40', XR#SMT358, JOINT# 3175
STA. 1507+12, ELEV. 2249.90', XR#SMT359, JOINT# F44
STA. 1507+26, ELEV. 2249.80', XR#SMT360, JOINT# 3159A
STA. 1507+67, ELEV. 2243.62', XR#SMB288, JOINT# 3176BR
STA. 1508+09, ELEV. 2247.49', XR#SMB289, JOINT# 3177BR
STA. 1508+34, ELEV. 2254.80', XR#SMT368, JOINT# 3178BR
STA. 1508+84, ELEV. 2255.70', XR#SM2903, JOINT# 3180
STA. 1509+35, ELEV. 2255.20', XR#SMT369, JOINT# 3181
STA. 1509+85, ELEV. 2254.60', XR#SM2904, JOINT# 3182
STA. 1510+24, ELEV. 2257.20', XR#SMT370, JOINT# 3183
STA. 1510+74, ELEV. 2260.30', XR#SM2905, JOINT# 3184
STA. 1511+08, ELEV. 2260.80', XR#SM2906, JOINT# 3185
STA. 1511+59, ELEV. 2260.80', XR#SM2907, JOINT# 3186
STA. 1512+09, ELEV. 2261.10', XR#SM2908, JOINT# 3187
STA. 1512+59, ELEV. 2262.10', XR#SM2909, JOINT# 3188
STA. 1513+09, ELEV. 2263.00', XR#SM2910, JOINT# 3189
STA. 1513+58, ELEV. 2263.10', XR#SM2911, JOINT# 3190
STA. 1514+08, ELEV. 2261.80', XR#SM2912, JOINT# 3191
STA. 1514+58, ELEV. 2261.50', XR#SM2913, JOINT# 3192
STA. 1515+09, ELEV. 2262.50', XR#SM2914, JOINT# 3193
STA. 1515+59, ELEV. 2263.50', XR#SM2915, JOINT# 3194
STA. 1516+09, ELEV. 2264.40', XR#SM2916, JOINT# 3195
STA. 1516+59, ELEV. 2264.40', XR#SM2917, JOINT# 3196
STA. 1517+10, ELEV. 2264.80', XR#SM2918, JOINT# 3197
STA. 1517+60, ELEV. 2264.50', XR#SM2919, JOINT# 3198
STA. 1518+10, ELEV. 2263.80', XR#SM2920, JOINT# 3199
STA. 1518+61, ELEV. 2263.10', XR#SM2921, JOINT# 3200
STA. 1519+11, ELEV. 2262.30', XR#SM2922, JOINT# 3201
STA. 1519+61, ELEV. 2261.80', XR#SM2923, JOINT# 3202
STA. 1520+11, ELEV. 2261.40', XR#SM2924, JOINT# 3203
STA. 1520+62, ELEV. 2260.90', XR#SM2925, JOINT# 3204
STA. 1521+11, ELEV. 2261.00', XR#SM2926, JOINT# 3205
STA. 1521+61, ELEV. 2262.10', XR#SM2927, JOINT# 3206
STA. 1522+12, ELEV. 2264.10', XR#SM2928, JOINT# 3207
STA. 1522+62, ELEV. 2265.10', XR#SM2929, JOINT# 3208
STA. 1523+11, ELEV. 2265.10', XR#SM2930, JOINT# 3209
STA. 1523+62, ELEV. 2266.00', XR#SM2931, JOINT# 3210
STA. 1524+12, ELEV. 2268.60', XR#SM2932, JOINT# 3211
STA. 1524+62, ELEV. 2270.10', XR#SM2933, JOINT# 3212
STA. 1525+12, ELEV. 2269.40', XR#SM2934, JOINT# 3213
STA. 1525+62, ELEV. 2269.70', XR#SM2935, JOINT# 3214
STA. 1526+12, ELEV. 2268.40', XR#SM2936, JOINT# 3215
STA. 1526+63, ELEV. 2267.00', XR#SM2937, JOINT# 3216
STA. 1527+13, ELEV. 2265.60', XR#SM2938, JOINT# 3217

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,920 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	330 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 147	SHEET No. 47 OF 149 △1

OWNERSHIP

1527+50

19500
HELSTAD TRUST, ALFRED W
PO BOX 1018
SPEARFISH SD 57783
3250.00 FT
196.97 RODS

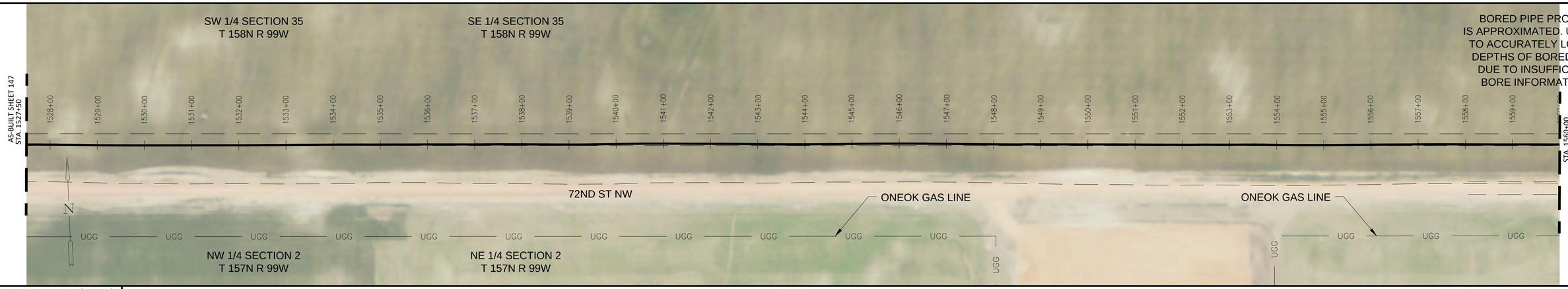
1560+00

STATIONING

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



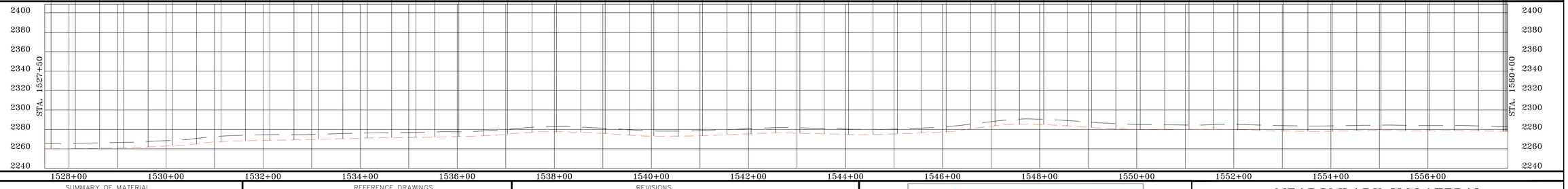
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1527+63, ELEV. 2264.10', XR#SM2939, JOINT# 3218
STA. 1528+13, ELEV. 2263.40', XR#SM2940, JOINT# 3219
STA. 1528+63, ELEV. 2262.80', XR#SM2941, JOINT# 3220
STA. 1529+13, ELEV. 2261.20', XR#SM2942, JOINT# 3221
STA. 1529+63, ELEV. 2260.30', XR#SM2943, JOINT# 3222
STA. 1530+13, ELEV. 2260.00', XR#SM2944, JOINT# 3223
STA. 1530+63, ELEV. 2260.30', XR#SM2945, JOINT# 3224
STA. 1531+13, ELEV. 2260.80', XR#SM2946, JOINT# 3225
STA. 1531+64, ELEV. 2261.20', XR#SM2947, JOINT# 3226
STA. 1532+14, ELEV. 2262.30', XR#SM2948, JOINT# 3227
STA. 1532+64, ELEV. 2263.70', XR#SM2949, JOINT# 3228
STA. 1533+14, ELEV. 2266.10', XR#SM2950, JOINT# 3229
STA. 1533+64, ELEV. 2267.90', XR#SM2951, JOINT# 3230
STA. 1534+15, ELEV. 2268.50', XR#SM2952, JOINT# 3231
STA. 1534+65, ELEV. 2269.00', XR#SM2953, JOINT# 3232
STA. 1535+15, ELEV. 2269.30', XR#SM2954, JOINT# 3233
STA. 1535+54, ELEV. 2269.90', XR#SM2955, JOINT# 3234
STA. 1536+03, ELEV. 2270.50', XR#SM2956, JOINT# 3235
STA. 1536+54, ELEV. 2271.20', XR#SM2957, JOINT# 3236
STA. 1537+04, ELEV. 2271.40', XR#SM2958, JOINT# 3237
STA. 1537+54, ELEV. 2271.70', XR#SM2959, JOINT# 3238
STA. 1538+04, ELEV. 2272.30', XR#SM2960, JOINT# 3239
STA. 1538+55, ELEV. 2272.80', XR#SM2961, JOINT# 3240
STA. 1539+05, ELEV. 2273.70', XR#SM2962, JOINT# 3241
STA. 1539+55, ELEV. 2275.80', XR#SM2963, JOINT# 3242
STA. 1540+05, ELEV. 2277.60', XR#SM2964, JOINT# 3243
STA. 1540+55, ELEV. 2277.60', XR#SM2965, JOINT# 3244
STA. 1541+05, ELEV. 2276.80', XR#SM2966, JOINT# 3245
STA. 1541+56, ELEV. 2275.20', XR#SM2967, JOINT# 3246
STA. 1542+06, ELEV. 2273.60', XR#SM2968, JOINT# 3247
STA. 1542+56, ELEV. 2273.00', XR#SM2969, JOINT# 3248
STA. 1543+06, ELEV. 2273.10', XR#SM2972, JOINT# 3249
STA. 1543+56, ELEV. 2273.70', XR#SM2973, JOINT# 3250
STA. 1544+06, ELEV. 2274.80', XR#SM2974, JOINT# 3251
STA. 1544+57, ELEV. 2275.90', XR#SM2975, JOINT# 3252
STA. 1545+07, ELEV. 2276.40', XR#SM2976, JOINT# 3253
STA. 1545+57, ELEV. 2275.80', XR#SM2977, JOINT# 3254
STA. 1546+07, ELEV. 2275.20', XR#SM2978, JOINT# 3255
STA. 1546+58, ELEV. 2274.70', XR#SM2979, JOINT# 3256
STA. 1547+08, ELEV. 2274.90', XR#SM2980, JOINT# 3257
STA. 1547+58, ELEV. 2275.70', XR#SM2981, JOINT# 3258
STA. 1548+08, ELEV. 2276.50', XR#SM2982, JOINT# 3259
STA. 1548+57, ELEV. 2278.00', XR#SM2983, JOINT# 3260
STA. 1549+07, ELEV. 2281.70', XR#SM2984, JOINT# 3261
STA. 1549+57, ELEV. 2284.50', XR#SM2985, JOINT# 3262
STA. 1550+07, ELEV. 2285.50', XR#SM2986, JOINT# 3263
STA. 1550+58, ELEV. 2284.60', XR#SM2987, JOINT# 3264
STA. 1551+08, ELEV. 2283.20', XR#SM2988, JOINT# 3265
STA. 1551+58, ELEV. 2281.40', XR#SM2989, JOINT# 3266
STA. 1552+08, ELEV. 2280.30', XR#SM2990, JOINT# 3267
STA. 1552+53, ELEV. 2279.70', XR#SM2991, JOINT# 3268
STA. 1553+02, ELEV. 2279.70', XR#SM2992, JOINT# 3269
STA. 1553+53, ELEV. 2280.00', XR#SM2993, JOINT# 3270
STA. 1554+03, ELEV. 2279.90', XR#SM2994, JOINT# 3271
STA. 1554+53, ELEV. 2279.70', XR#SM2995, JOINT# 3272
STA. 1555+03, ELEV. 2278.80', XR#SM2996, JOINT# 3273
STA. 1555+54, ELEV. 2278.30', XR#SM2997, JOINT# 3274
STA. 1556+04, ELEV. 2277.90', XR#SM2998, JOINT# 3275
STA. 1556+54, ELEV. 2278.30', XR#SM2999, JOINT# 3276
STA. 1557+04, ELEV. 2278.90', XR#SM3000, JOINT# 3277
STA. 1557+55, ELEV. 2279.10', XR#SM3001, JOINT# 3278
STA. 1558+05, ELEV. 2278.50', XR#SM3002, JOINT# 3279
STA. 1558+54, ELEV. 2278.50', XR#SM3003, JOINT# 3280
STA. 1559+05, ELEV. 2278.70', XR#SM3004, JOINT# 3281
STA. 1559+55, ELEV. 2278.40', XR#SM3005, JOINT# 3282

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

– – – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 148	SHEET No. 48 OF 149 △1

OWNERSHIP

1560+00	1561+66	1574+86	1592+50
19500 HELSTAD TRUST, ALFRED W PO BOX 1018 SPEARFISH SD 57783 166.07 FT 10.06 RODS	19530 HELSTAD, SUSAN R 2106 16TH CT W WILLISTON ND 58801 1319.52 FT 79.97 RODS	19530 HELSTAD, SUSAN R 2106 16TH CT W WILLISTON ND 58801 1764.41 FT 106.93 RODS	

STATIONING

1560+97 BOREHOLE
1561+52 EDGE OF GRAVEL
1561+55 EDGE OF GRAVEL
1561+79 EDGE OF GRAVEL
1562+68 ONEOK GAS LINE
1563+04 BOREHOLE
1586+04 P.I. < 4°54'04" RT.
1586+71 BOREHOLE
1586+71 P.I. < 3°57'27" LT.
1589+87 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

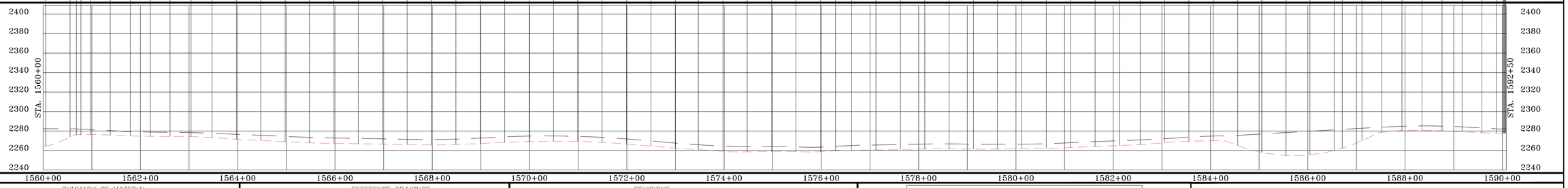


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1560+05, ELEV. 2277.90', XR#SM3006, JOINT# 3283
STA. 1560+55, ELEV. 2277.90', XR#SMT364, JOINT# 3284
STA. 1560+68, ELEV. 2277.70', XR#SMT365, JOINT# 3285
STA. 1560+78, ELEV. 2277.00', XR#SMT366, JOINT# F45
STA. 1560+97, ELEV. 2275.10', XR#SMT367, JOINT# 3285A
STA. 1561+38, ELEV. 2266.30', XR#SMB291, JOINT# 3286BR
STA. 1561+79, ELEV. 2261.94', XR#SMB292, JOINT# 3287BR
STA. 1562+20, ELEV. 2262.06', XR#SMB293, JOINT# 3288BR
STA. 1562+61, ELEV. 2266.58', XR#SMB294, JOINT# 3289BR
STA. 1563+04, ELEV. 2276.10', XR#SMT371, JOINT# 3290BR
STA. 1563+47, ELEV. 2276.50', XR#SMT372, JOINT# 3291
STA. 1563+97, ELEV. 2275.20', XR#SM3007, JOINT# 3292
STA. 1564+47, ELEV. 2274.60', XR#SM3008, JOINT# 3293
STA. 1564+98, ELEV. 2274.40', XR#SM3009, JOINT# 3294
STA. 1565+48, ELEV. 2274.20', XR#SM3010, JOINT# 3295
STA. 1565+98, ELEV. 2272.80', XR#SM3011, JOINT# 3296
STA. 1566+48, ELEV. 2271.10', XR#SM3012, JOINT# 3297
STA. 1566+98, ELEV. 2270.00', XR#SM3013, JOINT# 3298
STA. 1567+48, ELEV. 2268.80', XR#SM3014, JOINT# 3299
STA. 1567+99, ELEV. 2267.60', XR#SM3015, JOINT# 3300
STA. 1568+49, ELEV. 2267.20', XR#SM3016, JOINT# 3301
STA. 1568+99, ELEV. 2266.90', XR#SM3017, JOINT# 3302
STA. 1569+49, ELEV. 2266.30', XR#SM3018, JOINT# 3303
STA. 1569+99, ELEV. 2265.80', XR#SM3019, JOINT# 3304
STA. 1570+49, ELEV. 2265.70', XR#SM3020, JOINT# 3305
STA. 1570+99, ELEV. 2266.30', XR#SM3021, JOINT# 3306
STA. 1571+49, ELEV. 2267.50', XR#SM3022, JOINT# 3307
STA. 1571+99, ELEV. 2268.50', XR#SM3023, JOINT# 3308
STA. 1572+50, ELEV. 2269.30', XR#SM3024, JOINT# 3309
STA. 1573+00, ELEV. 2269.30', XR#SM3025, JOINT# 3310
STA. 1573+47, ELEV. 2269.30', XR#SM3026, JOINT# 3311
STA. 1573+98, ELEV. 2268.20', XR#SM3027, JOINT# 3312
STA. 1574+47, ELEV. 2266.20', XR#SM3028, JOINT# 3313
STA. 1574+98, ELEV. 2264.10', XR#SM3029, JOINT# 3314
STA. 1575+48, ELEV. 2261.90', XR#SM3030, JOINT# 3315
STA. 1575+98, ELEV. 2260.50', XR#SM3031, JOINT# 3316
STA. 1576+29, ELEV. 2259.40', XR#SM3032, JOINT# 3317
STA. 1576+62, ELEV. 2258.60', XR#SM3033, JOINT# 3318
STA. 1577+12, ELEV. 2258.80', XR#SM3034, JOINT# 3319
STA. 1577+63, ELEV. 2259.00', XR#SM3035, JOINT# 3320
STA. 1578+12, ELEV. 2258.50', XR#SM3036, JOINT# 3321
STA. 1578+63, ELEV. 2259.50', XR#SM3037, JOINT# 3322
STA. 1579+13, ELEV. 2260.40', XR#SM3038, JOINT# 3323
STA. 1579+62, ELEV. 2260.70', XR#SM3039, JOINT# 3324
STA. 1580+12, ELEV. 2261.10', XR#SM3040, JOINT# 3325
STA. 1580+62, ELEV. 2261.60', XR#SM3041, JOINT# 3326
STA. 1581+13, ELEV. 2261.50', XR#SM3042, JOINT# 3327
STA. 1581+63, ELEV. 2261.30', XR#SM3043, JOINT# 3328
STA. 1582+13, ELEV. 2261.40', XR#SM3044, JOINT# 3329
STA. 1582+56, ELEV. 2261.60', XR#SM3045, JOINT# 3330
STA. 1583+06, ELEV. 2262.00', XR#SM3046, JOINT# 3331
STA. 1583+56, ELEV. 2263.10', XR#SM3047, JOINT# 3332
STA. 1584+06, ELEV. 2264.30', XR#SM3048, JOINT# 3333
STA. 1584+56, ELEV. 2265.20', XR#SM3049, JOINT# 3334
STA. 1585+05, ELEV. 2266.50', XR#SM3050, JOINT# 3335
STA. 1585+55, ELEV. 2268.60', XR#SMT3051, JOINT# 3336
STA. 1586+04, ELEV. 2269.60', XR#SM3052, JOINT# 3337
STA. 1586+54, ELEV. 2270.20', XR#SMT373, JOINT# 3338
STA. 1586+71, ELEV. 2269.60', XR#SMT374, JOINT# 3339
STA. 1587+11, ELEV. 2262.18', XR#SMB295, JOINT# 3341BR
STA. 1587+52, ELEV. 2257.17', XR#SMB296, JOINT# 3342BR
STA. 1587+94, ELEV. 2254.77', XR#SMB297, JOINT# 3343BR
STA. 1588+35, ELEV. 2254.98', XR#SMB298, JOINT# 3344BR
STA. 1588+76, ELEV. 2257.81', XR#SMB299, JOINT# 3345BR
STA. 1589+17, ELEV. 2263.24', XR#SMB300, JOINT# 3346BR
STA. 1589+58, ELEV. 2271.15', XR#SMB301, JOINT# 3347BR
STA. 1589+87, ELEV. 2278.40', XR#SMT375, JOINT# 3348BR
STA. 1590+34, ELEV. 2280.60', XR#SMT376, JOINT# 3349
STA. 1590+83, ELEV. 2280.70', XR#SM3087, JOINT# 3350
STA. 1591+33, ELEV. 2280.00', XR#SM3053, JOINT# 3351
STA. 1591+84, ELEV. 2278.70', XR#SM3054, JOINT# 3352
STA. 1592+34, ELEV. 2277.70', XR#SM3055, JOINT# 3353

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,726 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	524 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 149	SHEET No. 49 OF 149 (1)

OWNERSHIP

1592+50 – 1601+41	1601+41 – 1614+68	1614+68 – 1625+00
19530 HELSTAD, SUSAN R 2106 16TH CT W WILLISTON ND 58801 891.42 FT 54.03 RODS	19530 HELSTAD, GLEN & SUSAN 2106 16TH CT W WILLISTON ND 58801 1326.68 FT 80.40 RODS	19505 HELSTAD, BRAD 4933 COUNTRY LN WILLISTON ND 58801 1031.90 FT 62.54 RODS

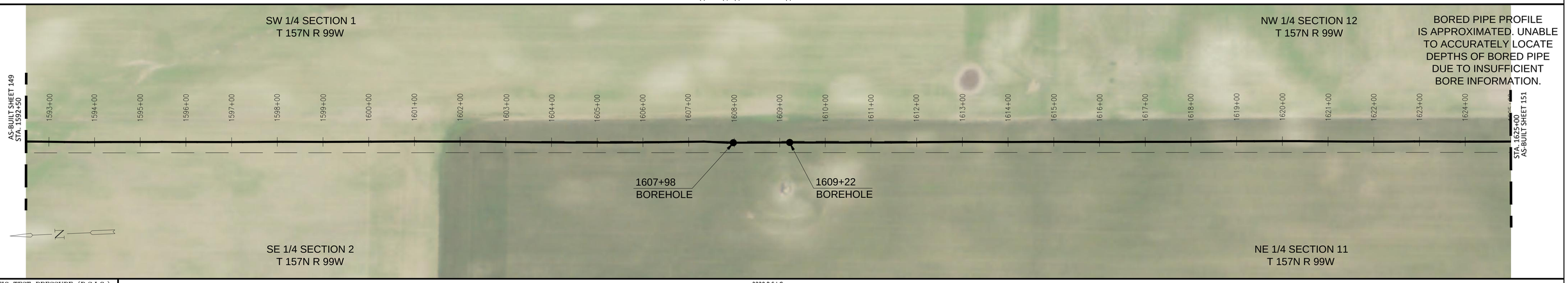
STATIONING

1607+34 P.I. < 3°33'28" RT.
1607+85 P.I. < 2°25'42" LT.
1607+98 BOREHOLE
1609+22 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

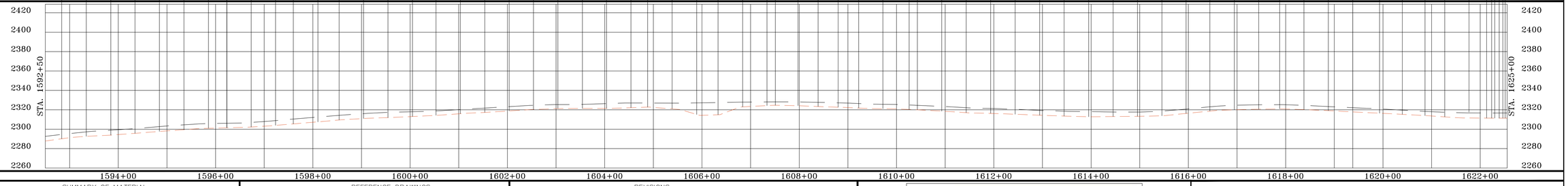


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1592+84, ELEV. 2278.20', XR#SM3056, JOINT# 3354
STA. 1593+34, ELEV. 2279.80', XR#SM3057, JOINT# 3355
STA. 1593+85, ELEV. 2282.50', XR#SM3058, JOINT# 3356
STA. 1594+34, ELEV. 2284.30', XR#SM3059, JOINT# 3357
STA. 1594+85, ELEV. 2287.30', XR#SM3060, JOINT# 3358
STA. 1595+35, ELEV. 2290.80', XR#SM3061, JOINT# 3359
STA. 1595+85, ELEV. 2292.90', XR#SM3062, JOINT# 3360
STA. 1596+23, ELEV. 2293.80', XR#SM3063, JOINT# 3361
STA. 1596+74, ELEV. 2295.60', XR#SM3064, JOINT# 3362
STA. 1597+24, ELEV. 2297.60', XR#SM3065, JOINT# 3363
STA. 1597+60, ELEV. 2298.90', XR#SM3066, JOINT# 3364
STA. 1598+11, ELEV. 2300.70', XR#SM3067, JOINT# 3365
STA. 1598+54, ELEV. 2301.30', XR#SM3068, JOINT# 3366
STA. 1599+04, ELEV. 2301.90', XR#SM3069, JOINT# 3367
STA. 1599+55, ELEV. 2303.50', XR#SM3070, JOINT# 3368
STA. 1600+05, ELEV. 2305.60', XR#SM3071, JOINT# 3369
STA. 1600+53, ELEV. 2307.60', XR#SM3072, JOINT# 3370
STA. 1601+03, ELEV. 2309.80', XR#SM3073, JOINT# 3371
STA. 1601+54, ELEV. 2311.20', XR#SM3074, JOINT# 3372
STA. 1602+04, ELEV. 2312.10', XR#SM3075, JOINT# 3373
STA. 1602+54, ELEV. 2313.20', XR#SM3076, JOINT# 3374
STA. 1603+04, ELEV. 2314.50', XR#SM3077, JOINT# 3375
STA. 1603+54, ELEV. 2316.30', XR#SM3078, JOINT# 3376
STA. 1604+04, ELEV. 2317.50', XR#SM3079, JOINT# 3377
STA. 1604+54, ELEV. 2319.10', XR#SM3080, JOINT# 3378
STA. 1604+89, ELEV. 2320.20', XR#SM3081, JOINT# 3379
STA. 1605+39, ELEV. 2321.20', XR#SM3082, JOINT# 3380
STA. 1605+89, ELEV. 2321.30', XR#SM3083, JOINT# 3381
STA. 1606+33, ELEV. 2321.30', XR#SM3084, JOINT# 3382
STA. 1606+84, ELEV. 2321.90', XR#SM3085, JOINT# 3383
STA. 1607+34, ELEV. 2322.80', XR#SM3086, JOINT# 3384
STA. 1607+85, ELEV. 2320.90', XR#SMT383, JOINT# 3385
STA. 1607+98, ELEV. 2320.30', XR#SMT384, JOINT# 3390A
STA. 1608+39, ELEV. 2314.20', XR#SMB302, JOINT# 3387BR
STA. 1608+80, ELEV. 2314.99', XR#SMB303, JOINT# 3388BR
STA. 1609+22, ELEV. 2322.90', XR#SMT380, JOINT# 3389BR
STA. 1609+72, ELEV. 2324.20', XR#SMT381, JOINT# 3386
STA. 1609+93, ELEV. 2324.70', XR#SMT382, JOINT# 3390
STA. 1610+43, ELEV. 2324.20', XR#SM3088, JOINT# 3391
STA. 1610+93, ELEV. 2323.20', XR#SM3089, JOINT# 3392
STA. 1611+43, ELEV. 2322.30', XR#SM3090, JOINT# 3393
STA. 1611+94, ELEV. 2321.20', XR#SM3091, JOINT# 3394
STA. 1612+44, ELEV. 2321.00', XR#SM3092, JOINT# 3395
STA. 1612+95, ELEV. 2319.80', XR#SM3093, JOINT# 3396
STA. 1613+45, ELEV. 2318.40', XR#SM3094, JOINT# 3397
STA. 1613+95, ELEV. 2316.80', XR#SM3095, JOINT# 3398
STA. 1614+45, ELEV. 2316.20', XR#SM3096, JOINT# 3399
STA. 1614+96, ELEV. 2315.30', XR#SM3097, JOINT# 3400
STA. 1615+46, ELEV. 2314.30', XR#SM3098, JOINT# 3401
STA. 1615+95, ELEV. 2313.40', XR#SM3099, JOINT# 3402
STA. 1616+44, ELEV. 2312.80', XR#SM3100, JOINT# 3403
STA. 1616+95, ELEV. 2313.10', XR#SM3101, JOINT# 3404
STA. 1617+45, ELEV. 2313.30', XR#SM3102, JOINT# 3405
STA. 1617+88, ELEV. 2313.80', XR#SM3103, JOINT# 3406
STA. 1618+38, ELEV. 2316.20', XR#SM3104, JOINT# 3407
STA. 1618+88, ELEV. 2318.60', XR#SM3105, JOINT# 3408
STA. 1619+38, ELEV. 2320.00', XR#SM3106, JOINT# 3409
STA. 1619+88, ELEV. 2320.70', XR#SM3107, JOINT# 3410
STA. 1620+38, ELEV. 2321.00', XR#SM3108, JOINT# 3411
STA. 1620+89, ELEV. 2320.10', XR#SM3109, JOINT# 3412
STA. 1621+39, ELEV. 2319.00', XR#SM3110, JOINT# 3413
STA. 1621+89, ELEV. 2317.70', XR#SM3111, JOINT# 3414
STA. 1622+39, ELEV. 2316.50', XR#SM3112, JOINT# 3415
STA. 1622+69, ELEV. 2315.20', XR#SM3113, JOINT# 3416
STA. 1623+39, ELEV. 2313.80', XR#SM3114, JOINT# 3417
STA. 1623+90, ELEV. 2312.10', XR#SM3115, JOINT# 3418
STA. 1624+19, ELEV. 2311.60', XR#SM3116, JOINT# 3419
STA. 1624+69, ELEV. 2311.40', XR#SM3117, JOINT# 3420

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
– – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,125 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	125 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 150	SHEET No. 50 OF 149

1

OWNERSHIP

1625+00	19505 HELSTAD, BRAD 4933 COUNTRY LN WILLISTON ND 58801 1607.58 FT 97.43 RODS	1641+08	19560 BERGER ETAL, SHARON 626 15TH AVE W WILLISTON ND 58801 257.87 FT 15.63 RODS	1643+65	19560 BERGER ETAL, SHARON 626 15TH AVE W WILLISTON ND 58801 1384.55 FT 83.91 RODS	1657+50

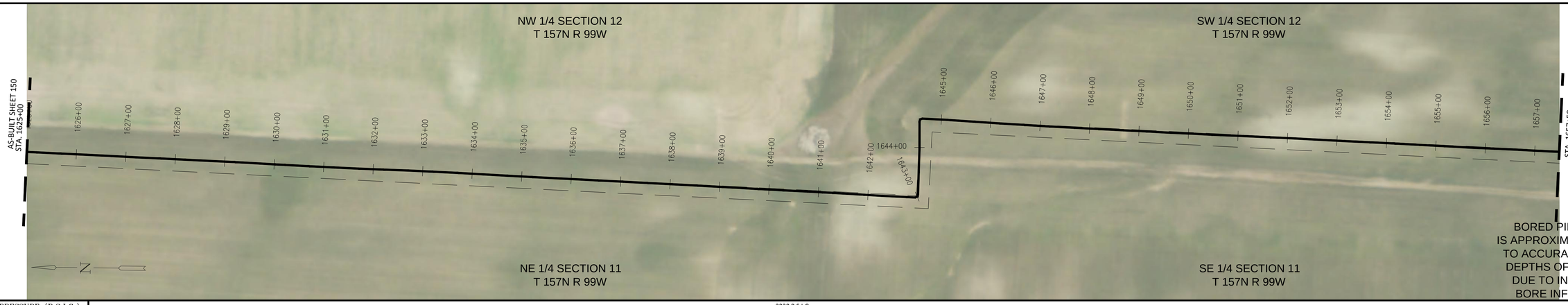
STATIONING

1640+28 P.I. < 92°26'02" RT.
1640+28 P.I. < 92°33'18" LT.
1642+96 P.I. < 25°52'36" LT.
1643+01 P.I. < 58°09'38" LT.
1643+05 P.I. < 6°57'08" LT.
1644+53 P.I. < 11°25'33" RT.
1644+57 P.I. < 59°28'57" RT.
1644+62 P.I. < 21°47'27" RT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



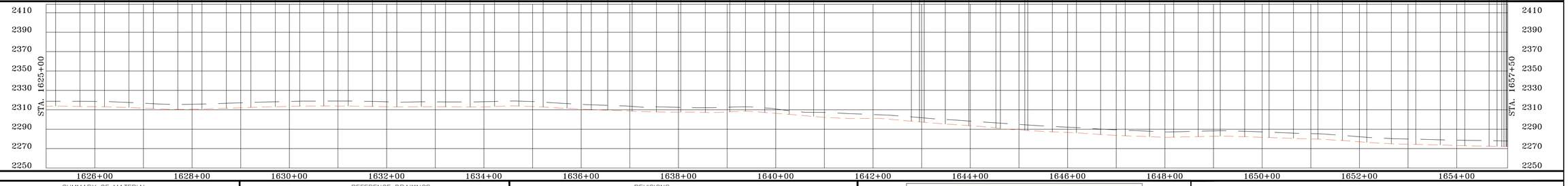
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1625+19, ELEV. 2311.40', XR#SM3118, JOINT# 3421
STA. 1625+70, ELEV. 2312.30', XR#SM3119, JOINT# 3422
STA. 1626+20, ELEV. 2312.60', XR#SM3120, JOINT# 3423
STA. 1626+70, ELEV. 2313.10', XR#SM3121, JOINT# 3424
STA. 1627+20, ELEV. 2313.60', XR#SM3122, JOINT# 3425
STA. 1627+71, ELEV. 2313.80', XR#SM3123, JOINT# 3426
STA. 1628+20, ELEV. 2313.40', XR#SM3124, JOINT# 3427
STA. 1628+71, ELEV. 2313.10', XR#SM3125, JOINT# 3428
STA. 1629+21, ELEV. 2312.20', XR#SM3126, JOINT# 3429
STA. 1629+71, ELEV. 2311.10', XR#SM3127, JOINT# 3430
STA. 1630+21, ELEV. 2310.50', XR#SM3128, JOINT# 3431
STA. 1630+71, ELEV. 2310.90', XR#SM3129, JOINT# 3432
STA. 1631+21, ELEV. 2311.60', XR#SM3130, JOINT# 3433
STA. 1631+71, ELEV. 2312.60', XR#SM3131, JOINT# 3434
STA. 1632+21, ELEV. 2313.20', XR#SM3132, JOINT# 3435
STA. 1632+71, ELEV. 2313.90', XR#SM3133, JOINT# 3436
STA. 1633+21, ELEV. 2313.90', XR#SM3134, JOINT# 3437
STA. 1633+72, ELEV. 2313.80', XR#SM3135, JOINT# 3438
STA. 1634+22, ELEV. 2313.40', XR#SM3136, JOINT# 3439
STA. 1634+72, ELEV. 2313.00', XR#SM3137, JOINT# 3440
STA. 1635+22, ELEV. 2313.20', XR#SM3138, JOINT# 3441
STA. 1635+71, ELEV. 2313.20', XR#SM3139, JOINT# 3442
STA. 1636+21, ELEV. 2312.80', XR#SM3140, JOINT# 3443
STA. 1636+55, ELEV. 2313.20', XR#SM3141, JOINT# 3444
STA. 1637+05, ELEV. 2314.10', XR#SM3142, JOINT# 3445
STA. 1637+55, ELEV. 2313.20', XR#SM3143, JOINT# 3446
STA. 1638+05, ELEV. 2311.70', XR#SM3144, JOINT# 3447
STA. 1638+55, ELEV. 2310.50', XR#SM3145, JOINT# 3448
STA. 1639+06, ELEV. 2309.40', XR#SM3146, JOINT# 3449
STA. 1639+38, ELEV. 2308.90', XR#SM3147, JOINT# 3450
STA. 1639+77, ELEV. 2308.00', XR#SM3148, JOINT# 3451
STA. 1640+28, ELEV. 2307.60', XR#SM3149, JOINT# 3452
STA. 1640+78, ELEV. 2307.60', XR#SM3150, JOINT# 3453
STA. 1642+79, ELEV. 2305.00', XR#SMT377, JOINT# 3457
STA. 1642+96, ELEV. 2304.50', XR#SMT378, JOINT# 3458
STA. 1643+05, ELEV. 2303.80', XR#SMT379, JOINT# F46
STA. 1643+49, ELEV. 2302.10', XR#SM3154, JOINT# 3459
STA. 1643+97, ELEV. 2301.00', XR#SM3155, JOINT# 3460
STA. 1644+53, ELEV. 2301.20', XR#SMT385, JOINT# 3461
STA. 1644+62, ELEV. 2301.00', XR#SMT386, JOINT# F47
STA. 1645+12, ELEV. 2299.70', XR#SMT387, JOINT# 3462
STA. 1645+18, ELEV. 2299.50', XR#SMT388, JOINT# 3456A
STA. 1645+69, ELEV. 2296.30', XR#SM3156, JOINT# 3463
STA. 1646+18, ELEV. 2294.50', XR#SM3157, JOINT# 3464
STA. 1646+68, ELEV. 2292.80', XR#SM3158, JOINT# 3465
STA. 1647+18, ELEV. 2290.10', XR#SM3159, JOINT# 3466
STA. 1647+68, ELEV. 2288.50', XR#SM3160, JOINT# 3467
STA. 1648+18, ELEV. 2287.20', XR#SM3161, JOINT# 3468
STA. 1648+68, ELEV. 2286.10', XR#SM3162, JOINT# 3469
STA. 1649+14, ELEV. 2284.50', XR#SM3163, JOINT# 3470
STA. 1649+64, ELEV. 2283.20', XR#SM3164, JOINT# 3471
STA. 1650+14, ELEV. 2282.30', XR#SM3165, JOINT# 3472
STA. 1650+64, ELEV. 2281.80', XR#SM3166, JOINT# 3473
STA. 1651+15, ELEV. 2282.40', XR#SM3167, JOINT# 3474
STA. 1651+65, ELEV. 2282.90', XR#SM3168, JOINT# 3475
STA. 1652+15, ELEV. 2282.20', XR#SM3169, JOINT# 3476
STA. 1652+66, ELEV. 2281.30', XR#SM3170, JOINT# 3477
STA. 1653+16, ELEV. 2280.40', XR#SM3171, JOINT# 3478
STA. 1653+66, ELEV. 2279.70', XR#SM3172, JOINT# 3479
STA. 1654+17, ELEV. 2278.10', XR#SM3173, JOINT# 3480
STA. 1654+67, ELEV. 2276.20', XR#SM3174, JOINT# 3481
STA. 1655+17, ELEV. 2274.80', XR#SM3175, JOINT# 3482
STA. 1655+67, ELEV. 2274.30', XR#SM3176, JOINT# 3483
STA. 1656+17, ELEV. 2273.70', XR#SM3177, JOINT# 3484
STA. 1656+67, ELEV. 2272.90', XR#SM3178, JOINT# 3485
STA. 1656+98, ELEV. 2272.60', XR#SM3179, JOINT# 3486
STA. 1657+42, ELEV. 2272.20', XR#SM3180, JOINT# 3487

PROFILE 1 = 100' / 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM
PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL
AS-BUILT SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 151	SHEET No. 51 OF 149 (1)

OWNERSHIP

1657+50

19560
BERGER ETAL, SHARON
626 15TH AVE W
WILLISTON ND 58801
1160.42 FT
70.33 RODS

1669+10

19560
BERGER ETAL, SHARON
626 15TH AVE W
WILLISTON ND 58801
2089.58 FT
126.64 RODS

1690+00

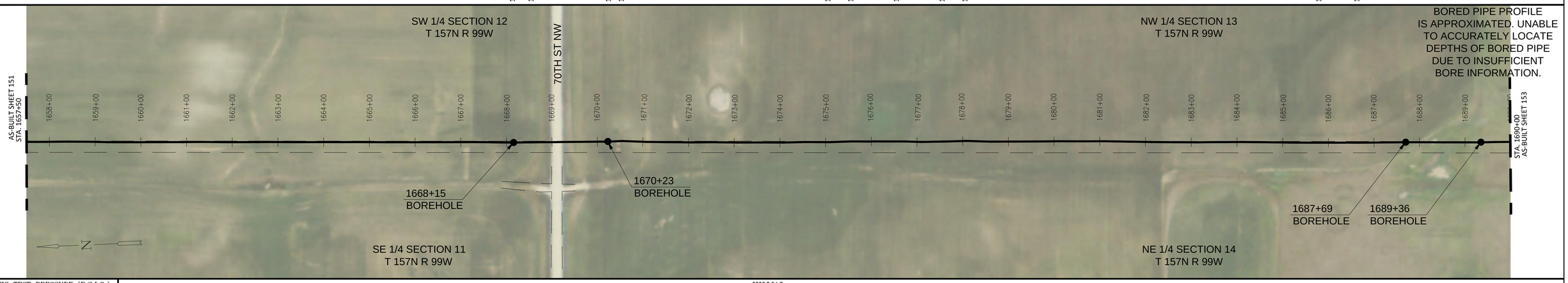
STATIONING

1668+15 BOREHOLE
1668+45 TEST STATION
1670+23 BOREHOLE
1670+56 P.I. < 4°20'27" RT.
1675+08 P.I. < 2°31'11" LT.
1675+58 P.I. < 2°45'06" RT.
1675+94 P.I. < 2°08'29" LT.
1677+09 P.I. < 2°49'28" LT.
1678+09 P.I. < 3°01'27" RT.
1687+69 BOREHOLE
1689+36 BOREHOLE

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



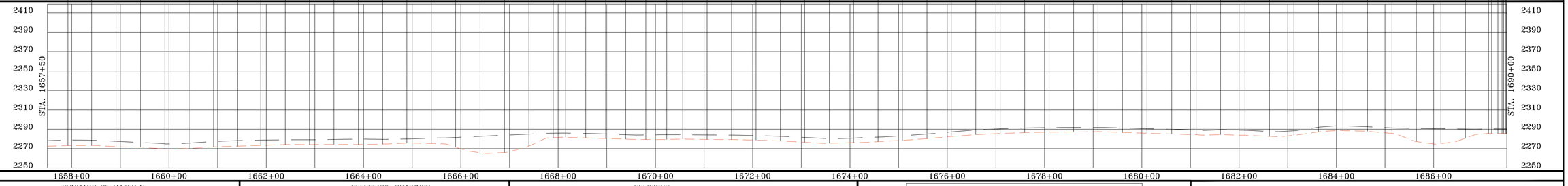
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1657+92, ELEV. 2272.30', XR#SM3181, JOINT# 3488
STA. 1658+41, ELEV. 2272.20', XR#SM3182, JOINT# 3489
STA. 1658+91, ELEV. 2272.20', XR#SM3183, JOINT# 3490
STA. 1659+41, ELEV. 2272.20', XR#SM3184, JOINT# 3491
STA. 1659+92, ELEV. 2272.50', XR#SM3185, JOINT# 3492
STA. 1660+41, ELEV. 2273.20', XR#SM3186, JOINT# 3493
STA. 1660+92, ELEV. 2273.30', XR#SM3187, JOINT# 3494
STA. 1661+40, ELEV. 2271.90', XR#SM3188, JOINT# 3495
STA. 1661+89, ELEV. 2271.50', XR#SM3189, JOINT# 3496
STA. 1662+39, ELEV. 2269.60', XR#SM3190, JOINT# 3497
STA. 1662+89, ELEV. 2270.30', XR#SM3191, JOINT# 3498
STA. 1663+39, ELEV. 2271.90', XR#SM3192, JOINT# 3499
STA. 1663+89, ELEV. 2272.60', XR#SM3193, JOINT# 3500
STA. 1664+39, ELEV. 2273.50', XR#SM3194, JOINT# 3501
STA. 1664+89, ELEV. 2274.30', XR#SM3195, JOINT# 3502
STA. 1665+39, ELEV. 2274.20', XR#SM3196, JOINT# 3503
STA. 1665+89, ELEV. 2274.40', XR#SM3197, JOINT# 3504
STA. 1666+39, ELEV. 2274.30', XR#SM3198, JOINT# 3505
STA. 1666+90, ELEV. 2274.80', XR#SM3199, JOINT# 3506
STA. 1667+40, ELEV. 2275.80', XR#SM3200, JOINT# 3507
STA. 1667+90, ELEV. 2275.30', XR#SMT389, JOINT# 3508
STA. 1668+15, ELEV. 2274.80', XR#SMT390, JOINT# 3509
STA. 1668+57, ELEV. 2267.91', XR#SMB304, JOINT# 3510BR
STA. 1668+98, ELEV. 2265.02', XR#SMB305, JOINT# 3511BR
STA. 1669+39, ELEV. 2266.15', XR#SMB306, JOINT# 3512BR
STA. 1669+80, ELEV. 2271.29', XR#SMB307, JOINT# 3513BR
STA. 1670+23, ELEV. 2280.90', XR#SMT391, JOINT# 3514BR
STA. 1670+56, ELEV. 2281.70', XR#SMT392, JOINT# 3516
STA. 1671+06, ELEV. 2281.00', XR#SM3201, JOINT# 3517
STA. 1671+57, ELEV. 2280.20', XR#SM3202, JOINT# 3518
STA. 1672+07, ELEV. 2279.40', XR#SM3203, JOINT# 3519
STA. 1672+57, ELEV. 2279.30', XR#SM3204, JOINT# 3520
STA. 1673+07, ELEV. 2279.80', XR#SM3205, JOINT# 3521
STA. 1673+57, ELEV. 2279.40', XR#SM3206, JOINT# 3522
STA. 1674+07, ELEV. 2279.30', XR#SM3207, JOINT# 3523
STA. 1674+58, ELEV. 2278.70', XR#SM3208, JOINT# 3524
STA. 1675+08, ELEV. 2277.80', XR#SM3209, JOINT# 3525
STA. 1675+58, ELEV. 2276.50', XR#SM3210, JOINT# 3526
STA. 1676+08, ELEV. 2275.60', XR#SM3211, JOINT# 3527
STA. 1676+58, ELEV. 2276.20', XR#SM3212, JOINT# 3528
STA. 1677+09, ELEV. 2277.30', XR#SM3213, JOINT# 3529
STA. 1677+59, ELEV. 2278.60', XR#SM3214, JOINT# 3530
STA. 1678+09, ELEV. 2280.40', XR#SM3215, JOINT# 3531
STA. 1678+60, ELEV. 2282.60', XR#SM3216, JOINT# 3532
STA. 1679+10, ELEV. 2284.40', XR#SM3217, JOINT# 3533
STA. 1679+60, ELEV. 2285.60', XR#SM3218, JOINT# 3534
STA. 1680+10, ELEV. 2286.50', XR#SM3219, JOINT# 3535
STA. 1680+61, ELEV. 2286.90', XR#SM3220, JOINT# 3536
STA. 1681+12, ELEV. 2287.10', XR#SM3221, JOINT# 3537
STA. 1681+62, ELEV. 2287.40', XR#SM3222, JOINT# 3538
STA. 1682+12, ELEV. 2286.50', XR#SM3223, JOINT# 3539
STA. 1682+62, ELEV. 2285.70', XR#SM3224, JOINT# 3540
STA. 1683+13, ELEV. 2285.00', XR#SM3225, JOINT# 3541
STA. 1683+63, ELEV. 2284.10', XR#SM3226, JOINT# 3542
STA. 1684+13, ELEV. 2284.30', XR#SM3227, JOINT# 3543
STA. 1684+64, ELEV. 2283.60', XR#SM3228, JOINT# 3544
STA. 1685+14, ELEV. 2282.50', XR#SM3229, JOINT# 3545
STA. 1685+64, ELEV. 2283.80', XR#SM3230, JOINT# 3546
STA. 1686+15, ELEV. 2287.50', XR#SM3231, JOINT# 3547
STA. 1686+65, ELEV. 2288.40', XR#SM3232, JOINT# 3548
STA. 1687+13, ELEV. 2287.90', XR#SMT395, JOINT# 3549
STA. 1687+19, ELEV. 2287.50', XR#SM3233, JOINT# 3550
STA. 1687+69, ELEV. 2285.30', XR#SMT396, JOINT# 3551
STA. 1688+11, ELEV. 2277.47', XR#SMB308, JOINT# 3552BR
STA. 1688+52, ELEV. 2274.65', XR#SMB309, JOINT# 3553BR
STA. 1689+36, ELEV. 2276.90', XR#SMB310, JOINT# 3554BR
STA. 1689+93, ELEV. 2284.50', XR#SMT393, JOINT# 3555BR
STA. 1689+67, ELEV. 2285.80', XR#SMT394, JOINT# 3556

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,876 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	374 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 152	SHEET No. 52 OF 149 1

OWNERSHIP

1690+00	19560 BERGER ETAL, SHARON 626 15TH AVE W WILLISTON ND 58801 563.38 FT 34.14 RODS	1695+63	40435 REDFIELD IRREVOCABLE TRUST 1400 CRESTON HILL PCHTREE CTY GA 30269 2686.62 FT 162.83 RODS	1722+50

STATIONING

1698+38 P.I. < 3°18'04" RT.
1698+49 P.I. < 4°14'09" LT.
1698+49 BOREHOLE
1700+47 BOREHOLE
1701+11 P.I. < 2°25'48" RT.
1709+11 P.I. < 2°56'35" LT.
1709+13 P.I. < 17°21'34" LT.
1709+15 P.I. < 2°35'14" LT.
1709+57 TEST STATION

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



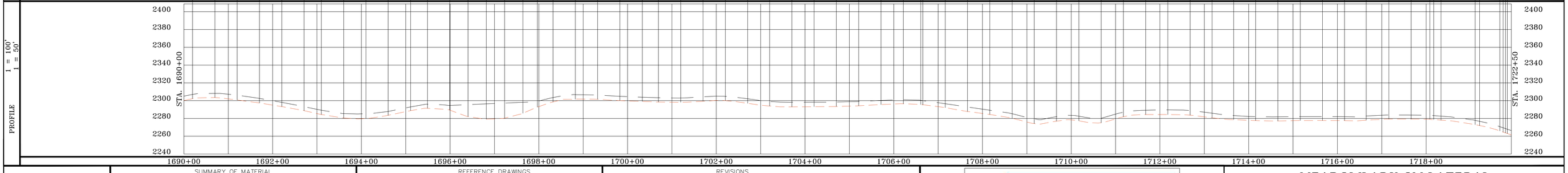
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1690+18, ELEV. 2285.20', XR#SM3234, JOINT# 3557
STA. 1690+68, ELEV. 2286.50', XR#SM3235, JOINT# 3558
STA. 1691+18, ELEV. 2289.40', XR#SM3236, JOINT# 3559
STA. 1691+69, ELEV. 2292.80', XR#SM3237, JOINT# 3560
STA. 1692+19, ELEV. 2296.90', XR#SM3238, JOINT# 3561
STA. 1692+69, ELEV. 2302.20', XR#SM3239, JOINT# 3562
STA. 1693+19, ELEV. 2303.50', XR#SM3240, JOINT# 3563
STA. 1693+70, ELEV. 2300.80', XR#SM3241, JOINT# 3564
STA. 1694+20, ELEV. 2297.50', XR#SM3242, JOINT# 3565
STA. 1694+70, ELEV. 2293.40', XR#SM3243, JOINT# 3566
STA. 1695+21, ELEV. 2288.90', XR#SMT400, JOINT# 3567
STA. 1695+59, ELEV. 2284.60', XR#SM3244R, JOINT# 3568
STA. 1696+10, ELEV. 2280.50', XR#SMT401, JOINT# 3569
STA. 1696+60, ELEV. 2279.80', XR#SM3245, JOINT# 3570
STA. 1697+10, ELEV. 2283.30', XR#SM3246, JOINT# 3571
STA. 1697+61, ELEV. 2288.60', XR#SM3247, JOINT# 3572
STA. 1697+99, ELEV. 2291.50', XR#SMT402, JOINT# 3573
STA. 1698+49, ELEV. 2289.80', XR#SMT403, JOINT# 3574
STA. 1698+90, ELEV. 2282.36', XR#SMB311, JOINT# 3575BR
STA. 1699+31, ELEV. 2279.08', XR#SMB312, JOINT# 3576BR
STA. 1699+73, ELEV. 2279.99', XR#SMB313, JOINT# 3577BR
STA. 1700+14, ELEV. 2285.09', XR#SMB314, JOINT# 3578BR
STA. 1700+47, ELEV. 2292.10', XR#SMT407, JOINT# 3579BR
STA. 1700+82, ELEV. 2298.00', XR#SMT408, JOINT# 3580
STA. 1701+32, ELEV. 2301.40', XR#SM3248, JOINT# 3581
STA. 1701+82, ELEV. 2301.70', XR#SM3249, JOINT# 3582
STA. 1702+32, ELEV. 2300.10', XR#SM3250, JOINT# 3583
STA. 1702+83, ELEV. 2299.30', XR#SM3251, JOINT# 3584
STA. 1703+19, ELEV. 2298.50', XR#SM3252, JOINT# 3585
STA. 1703+69, ELEV. 2298.20', XR#SM3253, JOINT# 3586
STA. 1704+20, ELEV. 2299.20', XR#SM3254, JOINT# 3587
STA. 1704+70, ELEV. 2300.20', XR#SM3255, JOINT# 3588
STA. 1705+20, ELEV. 2297.40', XR#SM3256, JOINT# 3589
STA. 1705+70, ELEV. 2294.20', XR#SM3257, JOINT# 3590
STA. 1706+20, ELEV. 2293.00', XR#SM3258, JOINT# 3591
STA. 1706+70, ELEV. 2293.20', XR#SM3259, JOINT# 3592
STA. 1707+20, ELEV. 2293.40', XR#SM3260, JOINT# 3593
STA. 1707+71, ELEV. 2294.10', XR#SM3261, JOINT# 3594
STA. 1708+21, ELEV. 2295.50', XR#SM3262, JOINT# 3595
STA. 1708+71, ELEV. 2296.60', XR#SM3263, JOINT# 3596
STA. 1709+11, ELEV. 2295.90', XR#SMT404, JOINT# 3597
STA. 1709+15, ELEV. 2295.70', XR#SMT405, JOINT# F48
STA. 1709+66, ELEV. 2292.60', XR#SMT406, JOINT# 3598
STA. 1710+16, ELEV. 2288.20', XR#SM3264, JOINT# 3599
STA. 1710+66, ELEV. 2284.90', XR#SM3265, JOINT# 3600
STA. 1711+17, ELEV. 2280.90', XR#SM3266, JOINT# 3601
STA. 1711+66, ELEV. 2274.60', XR#SM3267, JOINT# 3602
STA. 1712+17, ELEV. 2276.50', XR#SM3268, JOINT# 3603
STA. 1712+67, ELEV. 2277.90', XR#SM3269, JOINT# 3604
STA. 1713+17, ELEV. 2274.80', XR#SM3270, JOINT# 3605
STA. 1713+67, ELEV. 2281.10', XR#SM3271, JOINT# 3606
STA. 1714+17, ELEV. 2284.40', XR#SM3272, JOINT# 3607
STA. 1714+67, ELEV. 2284.40', XR#SM3273, JOINT# 3608
STA. 1715+18, ELEV. 2284.00', XR#SM3274, JOINT# 3609
STA. 1715+67, ELEV. 2281.10', XR#SM3275, JOINT# 3610
STA. 1716+16, ELEV. 2278.80', XR#SM3276, JOINT# 3611
STA. 1716+65, ELEV. 2277.70', XR#SM3277, JOINT# 3612
STA. 1717+16, ELEV. 2277.10', XR#SM3278, JOINT# 3613
STA. 1717+66, ELEV. 2277.60', XR#SM3279, JOINT# 3614
STA. 1718+16, ELEV. 2277.70', XR#SM3280, JOINT# 3615
STA. 1718+66, ELEV. 2277.60', XR#SM3281, JOINT# 3616
STA. 1719+17, ELEV. 2277.90', XR#SM3282, JOINT# 3617
STA. 1719+67, ELEV. 2279.30', XR#SM3283, JOINT# 3618
STA. 1720+17, ELEV. 2279.30', XR#SM3284, JOINT# 3619
STA. 1720+64, ELEV. 2279.10', XR#SM3285, JOINT# 3620
STA. 1721+14, ELEV. 2277.30', XR#SM3286, JOINT# 3621
STA. 1721+64, ELEV. 2273.40', XR#SM3287, JOINT# 3622
STA. 1722+14, ELEV. 2267.60', XR#SM3288, JOINT# 3623

PROFILE 1 = 100' / 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,052 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	198 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 153	SHEET No. 53 OF 149 (1)

OWNERSHIP

1722+50 – 1723+23	1723+23 – 1751+83	1751+83 – 1755+00
40435 REDFIELD IRREVOCABLE TRUST 1400 CRESTON HILL PCHTREE CTY GA 30269 72.65 FT 4.40 RODS	04070 BERG, L DUANE 1201 SIOUX ST WILLISTON ND 58801 2860.18 FT 173.34 RODS	40435 REDFIELD IRREVOCABLE TRUST 1400 CRESTON HILL PCHTREE CTY GA 30269 317.17 FT 19.22 RODS

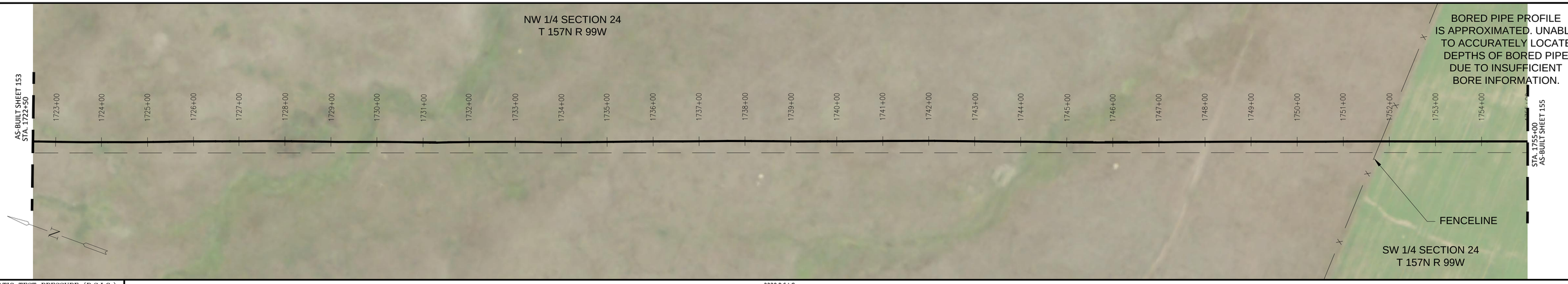
STATIONING

1731+29 P.I. < 2°29'22" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

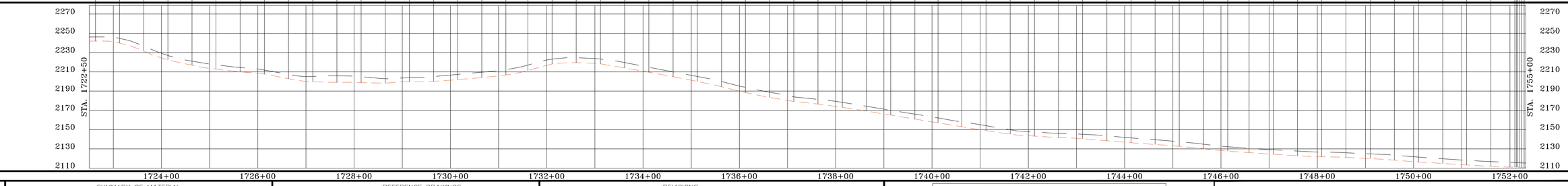


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1722+63, ELEV. 2259.30', XR#SM3289, JOINT# 3624
STA. 1723+13, ELEV. 2251.80', XR#SM3290, JOINT# 3625
STA. 1723+63, ELEV. 2245.30', XR#SM3291, JOINT# 3626
STA. 1724+13, ELEV. 2241.30', XR#SM3292, JOINT# 3627
STA. 1724+63, ELEV. 2241.00', XR#SM3293, JOINT# 3628
STA. 1725+13, ELEV. 2241.90', XR#SM3294, JOINT# 3629
STA. 1725+63, ELEV. 2240.90', XR#SM3295, JOINT# 3630
STA. 1726+14, ELEV. 2233.50', XR#SM3296, JOINT# 3631
STA. 1726+64, ELEV. 2223.90', XR#SM3297, JOINT# 3632
STA. 1727+14, ELEV. 2218.00', XR#SM3298, JOINT# 3633
STA. 1727+64, ELEV. 2213.40', XR#SM3299, JOINT# 3634
STA. 1728+15, ELEV. 2210.50', XR#SM3300, JOINT# 3635
STA. 1728+65, ELEV. 2208.30', XR#SM3301, JOINT# 3636
STA. 1729+15, ELEV. 2205.90', XR#SM3302, JOINT# 3637
STA. 1729+65, ELEV. 2199.80', XR#SM3303, JOINT# 3638
STA. 1730+15, ELEV. 2201.64', XR#SM3304, JOINT# 3640
STA. 1730+65, ELEV. 2201.27', XR#SM3305, JOINT# 3639
STA. 1731+15, ELEV. 2198.40', XR#SM3306, JOINT# 3641
STA. 1731+61, ELEV. 2199.70', XR#SMT397, JOINT# 3642
STA. 1732+11, ELEV. 2199.60', XR#SM3307, JOINT# 3643
STA. 1732+61, ELEV. 2201.30', XR#SM3308, JOINT# 3644
STA. 1733+11, ELEV. 2203.30', XR#SM3309, JOINT# 3645
STA. 1733+62, ELEV. 2205.70', XR#SM3310, JOINT# 3646
STA. 1734+12, ELEV. 2209.90', XR#SM3311, JOINT# 3647
STA. 1734+62, ELEV. 2216.60', XR#SM3312, JOINT# 3648
STA. 1735+13, ELEV. 2219.60', XR#SM3313, JOINT# 3649
STA. 1735+63, ELEV. 2218.90', XR#SM3314, JOINT# 3650
STA. 1736+13, ELEV. 2215.10', XR#SM3315, JOINT# 3651
STA. 1736+63, ELEV. 2210.80', XR#SM3316, JOINT# 3652
STA. 1737+13, ELEV. 2206.10', XR#SM3317, JOINT# 3653
STA. 1737+63, ELEV. 2201.40', XR#SM3318, JOINT# 3654
STA. 1738+14, ELEV. 2196.20', XR#SM3319, JOINT# 3655
STA. 1738+64, ELEV. 2190.00', XR#SM3320, JOINT# 3656
STA. 1739+14, ELEV. 2184.60', XR#SM3321R, JOINT# 3657
STA. 1739+64, ELEV. 2180.30', XR#SM3322, JOINT# 3658
STA. 1740+12, ELEV. 2177.50', XR#SM3323, JOINT# 3659
STA. 1740+62, ELEV. 2174.30', XR#SM3324R, JOINT# 3660
STA. 1741+12, ELEV. 2170.70', XR#SM3325, JOINT# 3661
STA. 1741+62, ELEV. 2166.50', XR#SM3326, JOINT# 3662
STA. 1742+13, ELEV. 2162.40', XR#SM3327R, JOINT# 3663
STA. 1742+62, ELEV. 2158.30', XR#SM3328R, JOINT# 3664
STA. 1743+13, ELEV. 2154.20', XR#SM3329, JOINT# 3665
STA. 1743+63, ELEV. 2150.10', XR#SM3330, JOINT# 3666
STA. 1744+13, ELEV. 2146.30', XR#SM3331, JOINT# 3667
STA. 1744+63, ELEV. 2143.80', XR#SM3332, JOINT# 3668
STA. 1745+13, ELEV. 2142.20', XR#SM3333, JOINT# 3669
STA. 1745+64, ELEV. 2141.10', XR#SM3334, JOINT# 3670
STA. 1746+14, ELEV. 2139.20', XR#SM3335, JOINT# 3671
STA. 1746+58, ELEV. 2137.20', XR#SM3336, JOINT# 3672
STA. 1747+09, ELEV. 2135.30', XR#SM3337, JOINT# 3673
STA. 1747+59, ELEV. 2133.60', XR#SM3338, JOINT# 3674
STA. 1748+09, ELEV. 2131.30', XR#SM3339, JOINT# 3675
STA. 1748+59, ELEV. 2128.60', XR#SM3340, JOINT# 3676
STA. 1749+10, ELEV. 2126.60', XR#SM3341, JOINT# 3677
STA. 1749+60, ELEV. 2124.90', XR#SM3342, JOINT# 3678
STA. 1750+10, ELEV. 2123.20', XR#SM3343, JOINT# 3679
STA. 1750+61, ELEV. 2121.90', XR#SM3344, JOINT# 3680
STA. 1751+10, ELEV. 2121.50', XR#SM3345, JOINT# 3681
STA. 1751+60, ELEV. 2120.30', XR#SM3346, JOINT# 3682
STA. 1752+10, ELEV. 2119.00', XR#SM3347, JOINT# 3683
STA. 1752+60, ELEV. 2116.90', XR#SM3348, JOINT# 3684
STA. 1753+10, ELEV. 2115.40', XR#SM3349, JOINT# 3685
STA. 1753+60, ELEV. 2113.80', XR#SM3350, JOINT# 3686
STA. 1754+11, ELEV. 2112.30', XR#SM3351, JOINT# 3687
STA. 1754+61, ELEV. 2111.10', XR#SM3352, JOINT# 3688

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 154	SHEET No. 54 OF 149 (1)

OWNERSHIP

1755+00	1776+22	1780+37	1787+50
40435 REDFIELD IRREVOCABLE TRUST 1400 CRESTON HILL PCHTREE CTY GA 30269 2121.94 FT 128.60 RODS	02110 ATKINS ETAL, DIANE 1227 13TH AVE W WILLISTON ND 58801 414.67 FT 25.13 RODS	40435 REDFIELD IRREVOCABLE TRUST 1400 CRESTON HILL PCHTREE CTY GA 30269 713.39 FT 43.24 RODS	

STATIONING

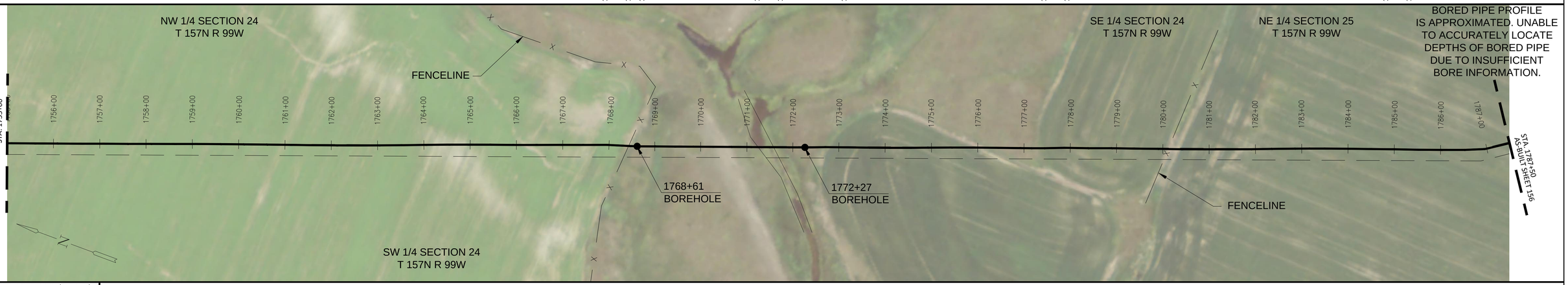
1767+96 P.I. < 2°50'08" RT.
1768+61 P.I. < 2°14'14" LT.
1768+61 BOREHOLE
1771+24 EDGE OF WATER
1771+58 EDGE OF WATER
1772+27 BOREHOLE
1777+16 ONEOK GASLINE
1777+89 P.I. < 2°17'28" RT.
1786+52 P.I. < 2°20'06" LT.
1786+96 P.I. < 10°06'55" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

ALIGNMENT 1 = 100'

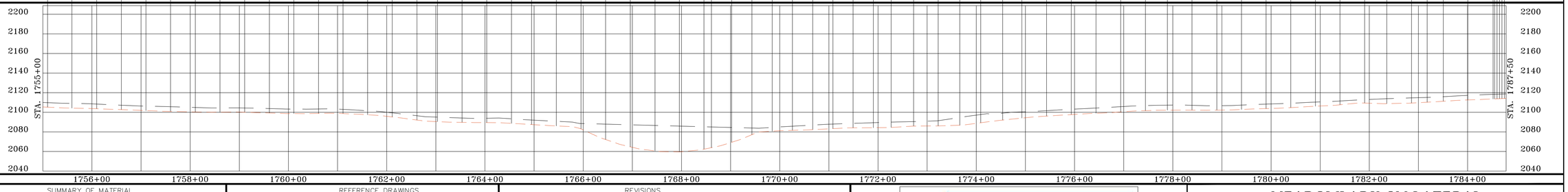


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1755+10, ELEV. 2110.70', XR#SM3353, JOINT# 3689
STA. 1755+59, ELEV. 2109.70', XR#SM3354, JOINT# 3690
STA. 1756+10, ELEV. 2108.50', XR#SM3355, JOINT# 3691
STA. 1756+60, ELEV. 2107.60', XR#SM3356, JOINT# 3692
STA. 1757+10, ELEV. 2106.80', XR#SM3357, JOINT# 3693
STA. 1757+60, ELEV. 2105.60', XR#SM3358, JOINT# 3694
STA. 1758+10, ELEV. 2104.40', XR#SM3359, JOINT# 3695
STA. 1758+61, ELEV. 2103.90', XR#SM3360, JOINT# 3696
STA. 1759+11, ELEV. 2103.00', XR#SM3361, JOINT# 3697
STA. 1759+61, ELEV. 2102.10', XR#SM3362, JOINT# 3698
STA. 1760+11, ELEV. 2101.00', XR#SM3363, JOINT# 3699
STA. 1760+61, ELEV. 2100.50', XR#SM3364, JOINT# 3700
STA. 1761+11, ELEV. 2100.10', XR#SM3365, JOINT# 3701
STA. 1761+61, ELEV. 2100.30', XR#SM3366, JOINT# 3702
STA. 1762+11, ELEV. 2099.60', XR#SM3367, JOINT# 3703
STA. 1762+62, ELEV. 2098.70', XR#SM3368, JOINT# 3704
STA. 1763+03, ELEV. 2098.60', XR#SM3369, JOINT# 3705
STA. 1763+53, ELEV. 2099.10', XR#SM3370, JOINT# 3706
STA. 1764+04, ELEV. 2098.20', XR#SM3371, JOINT# 3707
STA. 1764+54, ELEV. 2096.70', XR#SM3372, JOINT# 3708
STA. 1764+95, ELEV. 2094.30', XR#SM3373, JOINT# 3709
STA. 1765+45, ELEV. 2091.00', XR#SM3374, JOINT# 3710
STA. 1765+95, ELEV. 2089.90', XR#SM3375, JOINT# 3711
STA. 1766+46, ELEV. 2089.50', XR#SM3376, JOINT# 3712
STA. 1766+96, ELEV. 2089.40', XR#SM3377, JOINT# 3713
STA. 1767+46, ELEV. 2088.00', XR#SM3378, JOINT# 3714
STA. 1767+96, ELEV. 2086.50', XR#SM3379, JOINT# 3715
STA. 1768+46, ELEV. 2085.30', XR#SMT398, JOINT# 3717
STA. 1768+61, ELEV. 2083.50', XR#SMT399, JOINT# 3716
STA. 1769+02, ELEV. 2074.27', XR#SMB317, JOINT# 3720BR
STA. 1769+43, ELEV. 2067.26', XR#SMB318, JOINT# 3721BR
STA. 1769+85, ELEV. 2062.47', XR#SMB319, JOINT# 3722BR
STA. 1770+26, ELEV. 2059.93', XR#SMB320, JOINT# 3723BR
STA. 1770+67, ELEV. 2059.65', XR#SMB321, JOINT# 3724BR
STA. 1771+08, ELEV. 2061.62', XR#SMB322, JOINT# 3725BR
STA. 1771+49, ELEV. 2065.84', XR#SMB323, JOINT# 3726BR
STA. 1771+91, ELEV. 2072.29', XR#SMB324, JOINT# 3727BR
STA. 1772+27, ELEV. 2079.80', XR#SMT409, JOINT# 3726BR
STA. 1772+72, ELEV. 2081.20', XR#SMT410, JOINT# 3729
STA. 1773+22, ELEV. 2081.90', XR#SM3380, JOINT# 3730
STA. 1773+66, ELEV. 2083.00', XR#SM3381, JOINT# 3731
STA. 1774+09, ELEV. 2084.10', XR#SM3382, JOINT# 3732
STA. 1774+54, ELEV. 2084.20', XR#SM3383, JOINT# 3733
STA. 1774+93, ELEV. 2084.40', XR#SM3384, JOINT# 3734
STA. 1775+43, ELEV. 2085.90', XR#SM3385, JOINT# 3735
STA. 1775+93, ELEV. 2086.10', XR#SMT411, JOINT# 3736
STA. 1776+44, ELEV. 2086.90', XR#SM3386, JOINT# 3737
STA. 1776+94, ELEV. 2090.20', XR#SM3387, JOINT# 3738
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STA. 1777+89, ELEV. 2095.30', XR#SMT412, JOINT# 3740
STA. 1778+39, ELEV. 2096.90', XR#SM3389, JOINT# 3739
STA. 1778+90, ELEV. 2098.40', XR#SM3390, JOINT# 3742
STA. 1779+40, ELEV. 2099.50', XR#SM3391, JOINT# 3743
STA. 1779+90, ELEV. 2101.20', XR#SM3392, JOINT# 3744
STA. 1780+40, ELEV. 2102.10', XR#SM3393, JOINT# 3745
STA. 1780+90, ELEV. 2102.30', XR#SM3394, JOINT# 3746
STA. 1781+40, ELEV. 2102.10', XR#SM3395, JOINT# 3747
STA. 1781+90, ELEV. 2102.40', XR#SM3396, JOINT# 3748
STA. 1782+36, ELEV. 2103.40', XR#SM3397, JOINT# 3749
STA. 1782+86, ELEV. 2104.10', XR#SM3398, JOINT# 3750
STA. 1783+18, ELEV. 2104.90', XR#SM3399, JOINT# 3751
STA. 1783+51, ELEV. 2105.90', XR#SM3400, JOINT# 3752
STA. 1784+00, ELEV. 2107.10', XR#SM3401, JOINT# 3753
STA. 1784+52, ELEV. 2109.60', XR#SM3402, JOINT# 3754
STA. 1785+01, ELEV. 2108.80', XR#SM3403, JOINT# 3755
STA. 1785+51, ELEV. 2109.30', XR#SM3404, JOINT# 3756
STA. 1786+02, ELEV. 2110.60', XR#SM3405, JOINT# 3757
STA. 1786+52, ELEV. 2112.20', XR#SM3406, JOINT# 3758
STA. 1787+02, ELEV. 2113.20', XR#SM3407, JOINT# 3759

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,884 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	366 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 155	SHEET No. 55 OF 149

1

OWNERSHIP

1787+50 — 40435 REDFIELD IRREVOCABLE TRUST 1400 CRESTON HILL PCHTREE CTY GA 30269 2502.20 FT 151.65 RODS — 1812+52

1812+52 — 40435 REDFIELD IRREVOCABLE TRUST 1400 CRESTON HILL PCHTREE CTY GA 30269 747.80 FT 45.32 RODS — 1820+00

STATIONING

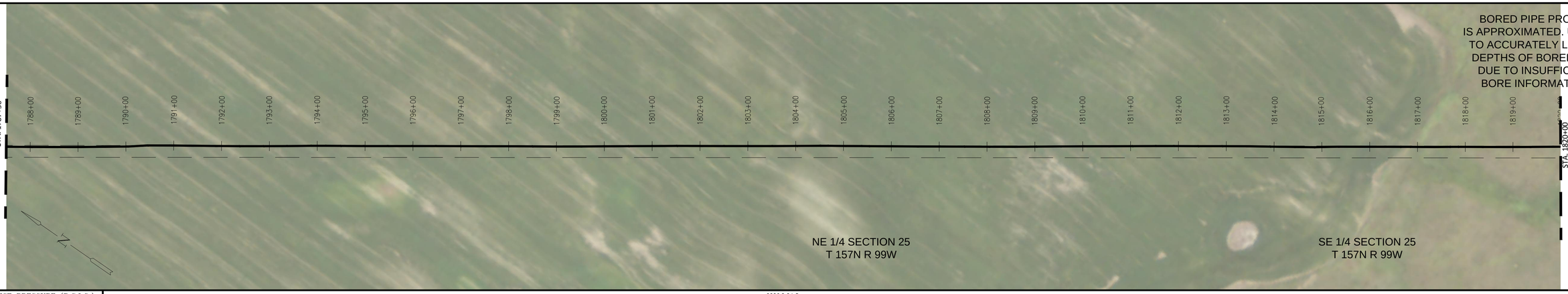
1790+03 P.I. < 2°14'38" LT.

1790+46 P.I. < 3°10'34" RT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



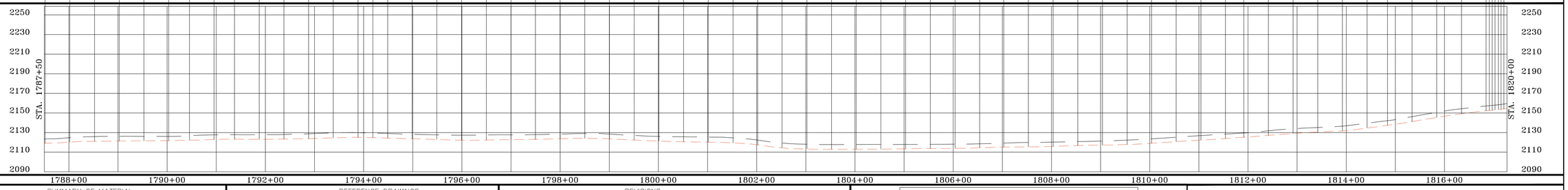
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1787+52, ELEV. 2114.20', XR#SM3408, JOINT# 3760
STA. 1788+02, ELEV. 2114.60', XR#SM3409, JOINT# 3761
STA. 1788+52, ELEV. 2115.30', XR#SM3410, JOINT# 3762
STA. 1789+02, ELEV. 2115.90', XR#SM3411, JOINT# 3763
STA. 1789+53, ELEV. 2117.20', XR#SM3412, JOINT# 3764
STA. 1790+03, ELEV. 2118.70', XR#SM3413, JOINT# 3765
STA. 1790+46, ELEV. 2119.40', XR#SMT413, JOINT# 3766
STA. 1790+95, ELEV. 2121.00', XR#SM3414, JOINT# 3767
STA. 1791+37, ELEV. 2121.20', XR#SM3415, JOINT# 3768
STA. 1791+87, ELEV. 2121.50', XR#SM3416, JOINT# 3769
STA. 1792+38, ELEV. 2121.60', XR#SM3417R, JOINT# 3770
STA. 1792+88, ELEV. 2122.00', XR#SM3418, JOINT# 3771
STA. 1793+38, ELEV. 2122.50', XR#SM3419, JOINT# 3772
STA. 1793+89, ELEV. 2123.30', XR#SM3420, JOINT# 3773
STA. 1794+19, ELEV. 2123.30', XR#SM3421, JOINT# 3774
STA. 1794+49, ELEV. 2123.10', XR#SM3422, JOINT# 3775
STA. 1794+99, ELEV. 2123.30', XR#SM3423, JOINT# 3776
STA. 1795+49, ELEV. 2123.70', XR#SM3424, JOINT# 3777
STA. 1795+99, ELEV. 2124.50', XR#SM3425, JOINT# 3778
STA. 1796+50, ELEV. 2125.20', XR#SM3426, JOINT# 3779
STA. 1797+00, ELEV. 2124.80', XR#SM3427R, JOINT# 3780
STA. 1797+50, ELEV. 2123.90', XR#SM3428, JOINT# 3781
STA. 1798+00, ELEV. 2123.40', XR#SM3429, JOINT# 3782
STA. 1798+50, ELEV. 2122.40', XR#SM3430, JOINT# 3783
STA. 1799+00, ELEV. 2122.20', XR#SM3431, JOINT# 3784
STA. 1799+51, ELEV. 2122.80', XR#SM3432, JOINT# 3785
STA. 1800+01, ELEV. 2122.90', XR#SM3433, JOINT# 3786
STA. 1800+51, ELEV. 2123.50', XR#SM3434, JOINT# 3787
STA. 1801+01, ELEV. 2124.10', XR#SM3435, JOINT# 3788
STA. 1801+52, ELEV. 2124.00', XR#SM3436, JOINT# 3789
STA. 1802+02, ELEV. 2122.90', XR#SM3437, JOINT# 3790
STA. 1802+52, ELEV. 2121.80', XR#SM3438, JOINT# 3791
STA. 1803+02, ELEV. 2120.80', XR#SM3439, JOINT# 3792
STA. 1803+52, ELEV. 2120.40', XR#SM3440, JOINT# 3793
STA. 1804+03, ELEV. 2120.00', XR#SM3441, JOINT# 3794
STA. 1804+53, ELEV. 2118.70', XR#SM3442, JOINT# 3795
STA. 1805+03, ELEV. 2115.50', XR#SM3443, JOINT# 3796
STA. 1805+53, ELEV. 2113.50', XR#SM3444, JOINT# 3797
STA. 1806+04, ELEV. 2113.00', XR#SM3445, JOINT# 3798
STA. 1806+54, ELEV. 2113.00', XR#SM3446, JOINT# 3799
STA. 1807+03, ELEV. 2113.10', XR#SM3447, JOINT# 3800
STA. 1807+53, ELEV. 2113.30', XR#SM3448, JOINT# 3801
STA. 1808+03, ELEV. 2113.80', XR#SM3449, JOINT# 3802
STA. 1808+54, ELEV. 2113.80', XR#SM3450, JOINT# 3803
STA. 1809+04, ELEV. 2114.10', XR#SM3451, JOINT# 3804
STA. 1809+54, ELEV. 2114.60', XR#SM3452, JOINT# 3805
STA. 1810+04, ELEV. 2115.40', XR#SM3453, JOINT# 3806
STA. 1810+54, ELEV. 2115.60', XR#SM3454, JOINT# 3807
STA. 1811+04, ELEV. 2116.50', XR#SM3455, JOINT# 3808
STA. 1811+54, ELEV. 2117.20', XR#SM3456, JOINT# 3809
STA. 1811+91, ELEV. 2117.40', XR#SM3457, JOINT# 3810
STA. 1812+42, ELEV. 2118.10', XR#SM3458, JOINT# 3811
STA. 1812+92, ELEV. 2119.60', XR#SM3459, JOINT# 3812
STA. 1813+42, ELEV. 2121.40', XR#SM3460, JOINT# 3813
STA. 1813+92, ELEV. 2122.80', XR#SM3461, JOINT# 3814
STA. 1814+42, ELEV. 2124.60', XR#SM3462, JOINT# 3815
STA. 1814+84, ELEV. 2126.00', XR#SMT414, JOINT# 3816
STA. 1815+34, ELEV. 2128.00', XR#SM3463, JOINT# 3817
STA. 1815+84, ELEV. 2129.80', XR#SM3464, JOINT# 3818
STA. 1816+35, ELEV. 2131.10', XR#SM3465, JOINT# 3819
STA. 1816+85, ELEV. 2132.60', XR#SM3466, JOINT# 3820
STA. 1817+35, ELEV. 2136.00', XR#SM3467, JOINT# 3821
STA. 1817+85, ELEV. 2139.50', XR#SM3468, JOINT# 3822
STA. 1818+35, ELEV. 2143.70', XR#SM3469, JOINT# 3823
STA. 1818+85, ELEV. 2147.70', XR#SM3470, JOINT# 3824
STA. 1819+36, ELEV. 2151.10', XR#SM3471, JOINT# 3825
STA. 1819+86, ELEV. 2153.70', XR#SM3472, JOINT# 3826

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 156	SHEET No. 56 OF 149 △1

OWNERSHIP			
1820+00	40435 REDFIELD IRREVOCABLE TRUST 1400 CRESTON HILL PCHTREE CTY GA 30269 431.29 FT 26.14 RODS	1824+31	39160 PORTER, LEONARD P & EILEEN PO BOX 292 WILLISTON ND 58802 2127.51 FT 128.94 RODS
1845+59	39160 PORTER, LEONARD P & EILEEN PO BOX 292 WILLISTON ND 58802 58.17 FT 3.53 RODS	1846+17	39160 PORTER, LEONARD P & EILEEN PO BOX 292 WILLISTON ND 58802 633.03 FT 38.37 RODS
1852+50			

STATIONING

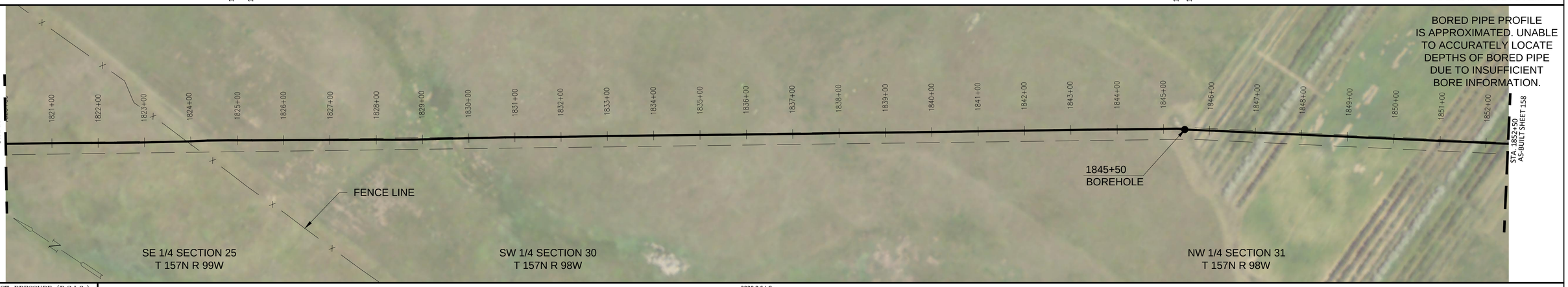
1823+84 TEST STATION
1824+38 P.I. < 2°03'40" RT.

1845+30 P.I. < 4°36'06" RT.
1845+50 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



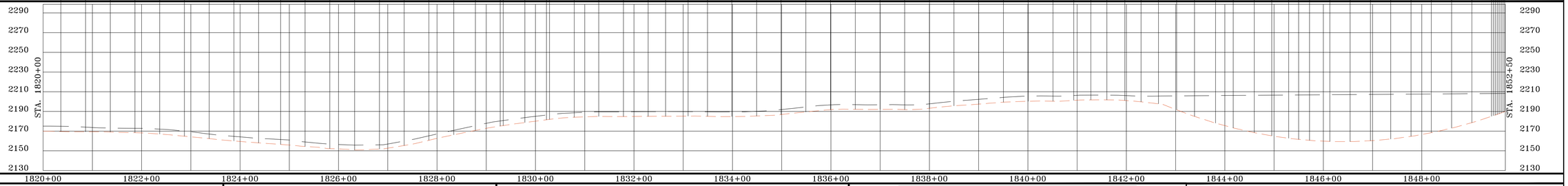
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1820+36, ELEV. 2156.60', XR#SM3473, JOINT# 3827
STA. 1820+86, ELEV. 2160.00', XR#SM3474, JOINT# 3828
STA. 1821+37, ELEV. 2164.40', XR#SM3475, JOINT# 3829
STA. 1821+86, ELEV. 2168.40', XR#SM3476, JOINT# 3830
STA. 1822+37, ELEV. 2169.90', XR#SM3477, JOINT# 3831
STA. 1822+87, ELEV. 2169.90', XR#SM3478, JOINT# 3832
STA. 1823+37, ELEV. 2169.30', XR#SM3479, JOINT# 3833
STA. 1823+88, ELEV. 2169.30', XR#SMT415, JOINT# 3834
STA. 1824+38, ELEV. 2168.70', XR#SM3480, JOINT# 3835
STA. 1824+82, ELEV. 2168.10', XR#SMT416, JOINT# 3836
STA. 1825+32, ELEV. 2166.20', XR#SM3481, JOINT# 3837
STA. 1825+82, ELEV. 2163.80', XR#SM3482, JOINT# 3838
STA. 1826+33, ELEV. 2161.20', XR#SM3483, JOINT# 3839
STA. 1826+83, ELEV. 2159.10', XR#SM3484, JOINT# 3840
STA. 1827+33, ELEV. 2157.30', XR#SM3485, JOINT# 3841
STA. 1827+83, ELEV. 2155.50', XR#SM3486, JOINT# 3842
STA. 1828+34, ELEV. 2153.50', XR#SMT417, JOINT# 3843
STA. 1828+78, ELEV. 2151.90', XR#SM3488, JOINT# 3846
STA. 1829+28, ELEV. 2151.10', XR#SMT418, JOINT# 3847
STA. 1829+34, ELEV. 2151.20', XR#SMT419, JOINT# 3844A
STA. 1829+78, ELEV. 2153.00', XR#SM3487R, JOINT# 3844
STA. 1830+22, ELEV. 2156.60', XR#SMT420, JOINT# 3845
STA. 1830+28, ELEV. 2157.20', XR#SMT421, JOINT# 3845A
STA. 1830+79, ELEV. 2163.20', XR#SM3489, JOINT# 3848
STA. 1831+28, ELEV. 2168.30', XR#SM3490, JOINT# 3849
STA. 1831+79, ELEV. 2173.20', XR#SM3491, JOINT# 3850
STA. 1832+29, ELEV. 2177.10', XR#SM3492, JOINT# 3851
STA. 1832+64, ELEV. 2179.40', XR#SM3493, JOINT# 3852
STA. 1833+10, ELEV. 2182.30', XR#SM3494, JOINT# 3853
STA. 1833+49, ELEV. 2184.00', XR#SM3495, JOINT# 3854
STA. 1833+99, ELEV. 2184.90', XR#SM3496, JOINT# 3855
STA. 1834+49, ELEV. 2184.80', XR#SM3497, JOINT# 3856
STA. 1834+99, ELEV. 2185.00', XR#SM3498, JOINT# 3857
STA. 1835+49, ELEV. 2185.10', XR#SM3499, JOINT# 3858
STA. 1835+99, ELEV. 2185.30', XR#SM3500, JOINT# 3859
STA. 1836+50, ELEV. 2184.70', XR#SM3501, JOINT# 3860
STA. 1837+00, ELEV. 2184.90', XR#SM3502R, JOINT# 3861
STA. 1837+50, ELEV. 2185.90', XR#SM3503, JOINT# 3862
STA. 1838+00, ELEV. 2188.30', XR#SM3504, JOINT# 3863
STA. 1838+50, ELEV. 2190.70', XR#SM3505, JOINT# 3864
STA. 1839+00, ELEV. 2192.30', XR#SM3506, JOINT# 3865
STA. 1839+50, ELEV. 2192.00', XR#SM3507, JOINT# 3866
STA. 1840+01, ELEV. 2192.20', XR#SM3508, JOINT# 3867
STA. 1840+51, ELEV. 2192.10', XR#SM3509, JOINT# 3868
STA. 1840+93, ELEV. 2194.20', XR#SM3510, JOINT# 3869
STA. 1841+28, ELEV. 2195.80', XR#SM3511, JOINT# 3870
STA. 1841+60, ELEV. 2196.80', XR#SM3512, JOINT# 3871
STA. 1841+97, ELEV. 2198.30', XR#SM3513, JOINT# 3872
STA. 1842+30, ELEV. 2199.50', XR#SM3514, JOINT# 3873
STA. 1842+65, ELEV. 2200.20', XR#SM3515, JOINT# 3874
STA. 1843+02, ELEV. 2200.60', XR#SM3516, JOINT# 3875
STA. 1843+39, ELEV. 2200.30', XR#SM3517, JOINT# 3876
STA. 1843+81, ELEV. 2201.60', XR#SM3518, JOINT# 3877
STA. 1844+17, ELEV. 2201.80', XR#SM3519, JOINT# 3881
STA. 1844+60, ELEV. 2201.60', XR#SM3520, JOINT# 3879
STA. 1844+95, ELEV. 2200.30', XR#SM3521, JOINT# 3880
STA. 1845+30, ELEV. 2198.40', XR#SMT423, JOINT# 3882
STA. 1845+50, ELEV. 2197.20', XR#SMT424, JOINT# 3878
STA. 1845+72, ELEV. 2192.79', XR#SMB342, JOINT# 3884BR
STA. 1846+13, ELEV. 2185.31', XR#SMB341, JOINT# 3885BR
STA. 1846+54, ELEV. 2178.77', XR#SMB340, JOINT# 3886BR
STA. 1846+96, ELEV. 2173.17', XR#SMB339, JOINT# 3887BR
STA. 1847+37, ELEV. 2168.52', XR#SMB338, JOINT# 3888BR
STA. 1847+78, ELEV. 2164.81', XR#SMB337, JOINT# 3889BR
STA. 1848+19, ELEV. 2162.05', XR#SMB336, JOINT# 3890BR
STA. 1848+60, ELEV. 2160.23', XR#SMB335, JOINT# 3891BR
STA. 1849+02, ELEV. 2159.37', XR#SMB334, JOINT# 3892BR
STA. 1849+42, ELEV. 2159.44', XR#SMB333, JOINT# 3893BR
STA. 1849+83, ELEV. 2160.46', XR#SMB332, JOINT# 3894BR
STA. 1850+24, ELEV. 2162.42', XR#SMB331, JOINT# 3895BR
STA. 1850+65, ELEV. 2165.33', XR#SMB330, JOINT# 3896BR
STA. 1851+06, ELEV. 2169.19', XR#SMB329, JOINT# 3897BR
STA. 1851+48, ELEV. 2173.99', XR#SMB328, JOINT# 3898BR
STA. 1851+89, ELEV. 2179.73', XR#SMB327, JOINT# 3899BR
STA. 1852+30, ELEV. 2186.42', XR#SMB326, JOINT# 3900BR

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
- EXISTING GROUND
- TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,550 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	700 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 157	SHEET No. 57 OF 149

1

OWNERSHIP

1852+50	39160 PORTER, LEONARD P & EILEEN PO BOX 292 WILLISTON ND 58802 1350.19 FT 81.83 RODS	1866+00	30905 NELSON, RENESS L (LIFE EST) PO BOX 668 TIOGA ND 58852 1507.55 FT 91.37 RODS	1881+08	08035 CHRISTOPHERSON, WALTER N 12551 65TH ST NW EPPING ND 58843 392.26 FT 23.77 RODS	1885+00

STATIONING

1853+12 BOREHOLE
1860+68 P.I. < 19°08'08" LT.
1860+71 P.I. < 34°51'38" LT.
1860+74 P.I. < 3°50'42" LT.
1860+94 BOREHOLE
1865+06 BOREHOLE
1866+69 P.I. < 13°39'31" RT.
1866+75 P.I. < 62°26'00" RT.
1866+79 P.I. < 14°58'40" RT.
1875+42 P.I. < 2°03'53" RT.
1875+77 P.I. < 2°39'51" LT.
1875+78 P.I. < 17°53'34" LT.
1875+80 P.I. < 2°38'14" LT.
1875+89 P.I. < 9°27'12" LT.
1879+04 P.I. < 4°04'13" LT.
1879+63 P.I. < 2°23'41" RT.
1881+51 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



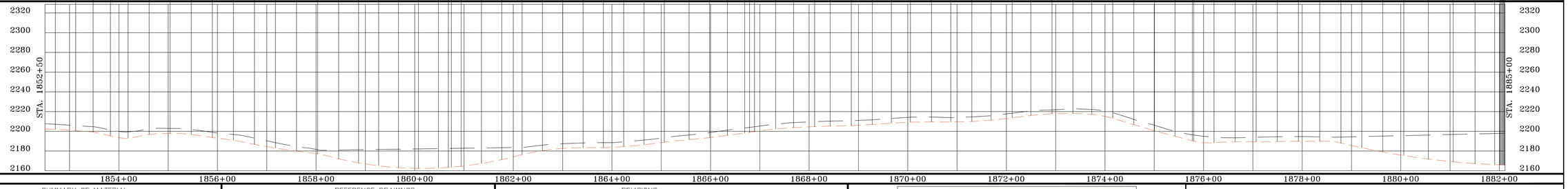
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1852+71, ELEV. 2194.04', XR#SMB325, JOINT# 3901BR
STA. 1853+12, ELEV. 2202.60', XR#SMT425, JOINT# 3902BR
STA. 1853+48, ELEV. 2203.10', XR#SM3522, JOINT# 3903
STA. 1853+83, ELEV. 2203.50', XR#SMT426, JOINT# 3904
STA. 1854+19, ELEV. 2203.30', XR#SM3523, JOINT# 3905
STA. 1854+61, ELEV. 2203.20', XR#SM3524, JOINT# 3906
STA. 1855+04, ELEV. 2203.00', XR#SM3525, JOINT# 3907
STA. 1855+47, ELEV. 2202.10', XR#SM3526, JOINT# 3908
STA. 1855+90, ELEV. 2200.90', XR#SM3527, JOINT# 3910
STA. 1856+32, ELEV. 2198.90', XR#SM3528, JOINT# 3911
STA. 1856+75, ELEV. 2194.10', XR#SM3529, JOINT# 3912
STA. 1857+18, ELEV. 2194.30', XR#SM3530, JOINT# 3913
STA. 1857+60, ELEV. 2197.70', XR#SM3531, JOINT# 3914
STA. 1858+03, ELEV. 2197.80', XR#SM3532, JOINT# 3915
STA. 1858+46, ELEV. 2195.70', XR#SM3533, JOINT# 3916
STA. 1858+86, ELEV. 2192.90', XR#SM3534, JOINT# 3917
STA. 1859+27, ELEV. 2189.90', XR#SM3535, JOINT# 3918
STA. 1859+67, ELEV. 2185.80', XR#SM3536, JOINT# 3919
STA. 1860+08, ELEV. 2182.40', XR#SM3537, JOINT# 3920
STA. 1860+48, ELEV. 2179.50', XR#SMT427, JOINT# 3921
STA. 1860+68, ELEV. 2178.40', XR#SMT428, JOINT# 3878A
STA. 1860+74, ELEV. 2177.90', XR#SMT429, JOINT# F49
STA. 1860+94, ELEV. 2176.50', XR#SMT430, JOINT# 3922
STA. 1861+35, ELEV. 2171.34', XR#SMB351, JOINT# 3924BR
STA. 1861+77, ELEV. 2167.33', XR#SMB349, JOINT# 3925BR
STA. 1862+18, ELEV. 2164.48', XR#SMB347, JOINT# 3929BR
STA. 1862+59, ELEV. 2162.79', XR#SMB345, JOINT# 3930BR
STA. 1863+00, ELEV. 2162.26', XR#SMB422, JOINT# 3931BR
STA. 1863+41, ELEV. 2162.89', XR#SMB350, JOINT# 3927BR
STA. 1863+83, ELEV. 2164.68', XR#SMB348, JOINT# 3926BR
STA. 1864+24, ELEV. 2167.63', XR#SMB346, JOINT# 3928BR
STA. 1864+65, ELEV. 2171.73', XR#SMB344, JOINT# 3933BR
STA. 1865+06, ELEV. 2177.00', XR#SMT431, JOINT# 3932BR
STA. 1865+56, ELEV. 2181.40', XR#SM3538, JOINT# 3934
STA. 1865+98, ELEV. 2183.10', XR#SM3539, JOINT# 3936
STA. 1866+34, ELEV. 2183.40', XR#SMT423, JOINT# 3935
STA. 1866+69, ELEV. 2183.50', XR#SMT433, JOINT# 3937
STA. 1866+79, ELEV. 2183.60', XR#SMT434, JOINT# F50
STA. 1866+89, ELEV. 2183.80', XR#SMT435, JOINT# 3938
STA. 1867+32, ELEV. 2185.30', XR#SM3540, JOINT# 3939
STA. 1867+68, ELEV. 2187.50', XR#SM3541, JOINT# 3940
STA. 1868+11, ELEV. 2190.30', XR#SM3542, JOINT# 3941
STA. 1868+43, ELEV. 2191.60', XR#SM3543, JOINT# 3942
STA. 1868+86, ELEV. 2193.70', XR#SM3544, JOINT# 3943
STA. 1869+28, ELEV. 2196.50', XR#SM3545, JOINT# 3944
STA. 1869+67, ELEV. 2199.10', XR#SM3546, JOINT# 3945
STA. 1870+05, ELEV. 2201.70', XR#SM3547, JOINT# 3946
STA. 1870+48, ELEV. 2203.60', XR#SM3548, JOINT# 3947
STA. 1870+87, ELEV. 2204.60', XR#SM3549, JOINT# 3948
STA. 1871+30, ELEV. 2205.30', XR#SM3550, JOINT# 3949
STA. 1871+69, ELEV. 2205.70', XR#SM3551, JOINT# 3950
STA. 1872+12, ELEV. 2206.80', XR#SM3552, JOINT# 3951
STA. 1872+50, ELEV. 2208.10', XR#SM3553, JOINT# 3952
STA. 1872+93, ELEV. 2209.30', XR#SM3554, JOINT# 3953
STA. 1873+35, ELEV. 2209.60', XR#SM3555, JOINT# 3954
STA. 1873+73, ELEV. 2209.40', XR#SM3556, JOINT# 3955
STA. 1874+16, ELEV. 2209.90', XR#SM3557, JOINT# 3956
STA. 1874+59, ELEV. 2211.40', XR#SM3558, JOINT# 3957
STA. 1875+00, ELEV. 2213.80', XR#SM3559, JOINT# 3958
STA. 1875+42, ELEV. 2216.50', XR#SM3560, JOINT# 3959
STA. 1875+77, ELEV. 2217.80', XR#SMT436, JOINT# 3960
STA. 1875+80, ELEV. 2217.80', XR#SMT437, JOINT# F51
STA. 1876+21, ELEV. 2218.20', XR#SM3561, JOINT# 3961
STA. 1876+64, ELEV. 2217.10', XR#SM3562, JOINT# 3962
STA. 1877+07, ELEV. 2212.40', XR#SM3563, JOINT# 3963
STA. 1877+49, ELEV. 2206.00', XR#SM3564, JOINT# 3964
STA. 1877+92, ELEV. 2199.80', XR#SM3565, JOINT# 3965
STA. 1878+36, ELEV. 2194.20', XR#SM3566, JOINT# 3966
STA. 1878+79, ELEV. 2188.70', XR#SM3567, JOINT# 3967
STA. 1879+21, ELEV. 2189.00', XR#SM3568, JOINT# 3968
STA. 1879+63, ELEV. 2189.40', XR#SM3569, JOINT# 3969
STA. 1880+06, ELEV. 2189.20', XR#SM3570, JOINT# 3970
STA. 1880+56, ELEV. 2189.90', XR#SM3571, JOINT# 3971
STA. 1881+06, ELEV. 2189.80', XR#SMT459, JOINT# 3972
STA. 1881+51, ELEV. 2189.90', XR#SMT454, JOINT# 3973
STA. 1881+90, ELEV. 2185.24', XR#SMB352, JOINT# 3984BR
STA. 1882+32, ELEV. 2180.93', XR#SMB354, JOINT# 3985BR
STA. 1882+73, ELEV. 2177.14', XR#SMB356, JOINT# 3986BR
STA. 1883+14, ELEV. 2173.88', XR#SMB358, JOINT# 3987BR
STA. 1883+55, ELEV. 2171.15', XR#SMB360, JOINT# 3988BR
STA. 1883+96, ELEV. 2168.95', XR#SMB362, JOINT# 3989BR
STA. 1884+38, ELEV. 2167.27', XR#SMB364, JOINT# 3990BR
STA. 1884+79, ELEV. 2166.13', XR#SMB366, JOINT# 3991BR

PROFILE 1 = 100' / 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,427 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	823 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 158	SHEET No. 58 OF 149 (1)

OWNERSHIP			
1885+00	08035 CHRISTOPHERSON, WALTER N 12551 65TH ST NW EPPING ND 58843 1423.96 FT 86.30 RODS	1899+24	29890 LOWDERMILK, LEON M & KATHRYN M 6704 125TH AVE NW EPPING ND 58843 1392.97 FT 84.42 RODS
1913+17	08035 CHRISTOPHERSON, WALTER N 12551 65TH ST NW EPPING ND 58843 433.07 FT 26.25 RODS	1917+50	

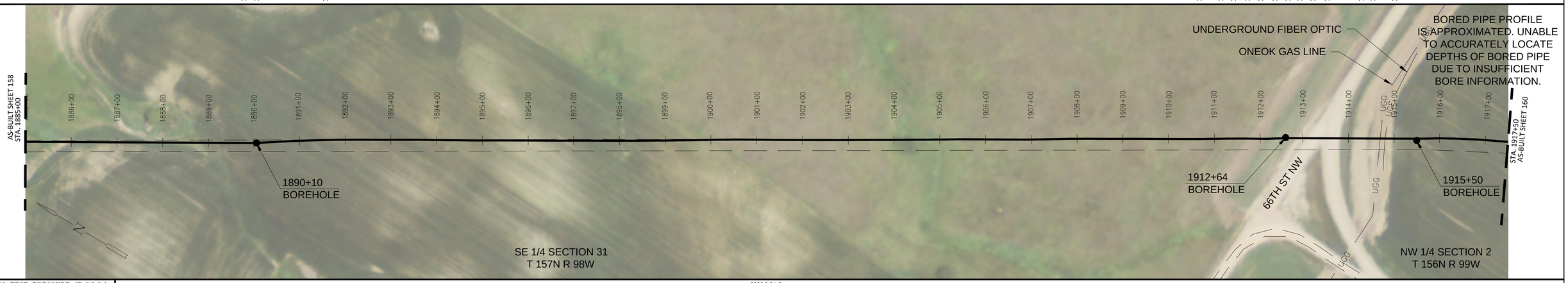
STATIONING

1890+10 BOREHOLE
1890+10 P.I. < 6°19'20" LT.
1890+16 P.I. < 3°04'38" RT.
1912+30 TEST STATION
1912+36 P.I. < 2°26'21" RT.
1912+38 P.I. < 3°02'05" LT.
1912+40 VALVE
1912+41 VALVE
1912+41 P.I. < 2°49'09" RT.
1912+45 P.I. < 2°19'44" LT.
1912+61 P.I. < 2°34'49" RT.
1912+61 TEST STATION
1912+64 BOREHOLE
1914+70 ONEOK GAS LINE
1914+80 UNDERGROUND FIBER OPTIC
1915+50 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

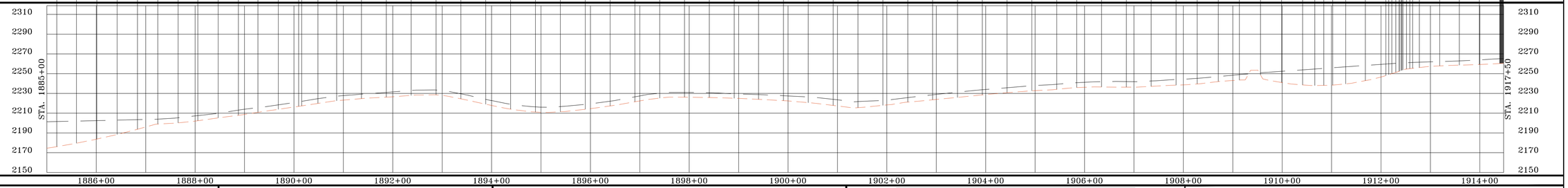


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1885+20, ELEV. 2165.51', XR#SMB368, JOINT# 3992BR
STA. 1885+60, ELEV. 2165.42', XR#SMB370, JOINT# 3993BR
STA. 1886+01, ELEV. 2165.85', XR#SMT442, JOINT# 3994BR
STA. 1886+42, ELEV. 2166.81', XR#SMB353, JOINT# 3974BR
STA. 1886+83, ELEV. 2168.29', XR#SMB355, JOINT# 3975BR
STA. 1887+24, ELEV. 2170.30', XR#SMB357, JOINT# 3976BR
STA. 1887+66, ELEV. 2172.84', XR#SMB359, JOINT# 3977BR
STA. 1888+05, ELEV. 2175.80', XR#SMB361, JOINT# 3978BR
STA. 1888+47, ELEV. 2179.38', XR#SMB363, JOINT# 3979BR
STA. 1888+88, ELEV. 2183.46', XR#SMB365, JOINT# 3980BR
STA. 1889+27, ELEV. 2187.90', XR#SMB367, JOINT# 3981BR
STA. 1889+68, ELEV. 2193.04', XR#SMB369, JOINT# 3982BR
STA. 1890+10, ELEV. 2196.70', XR#SMT455, JOINT# 3983BR
STA. 1890+16, ELEV. 2199.00', XR#SMT456, JOINT# 3923
STA. 1890+49, ELEV. 2199.90', XR#SM3573, JOINT# 3997
STA. 1890+87, ELEV. 2201.70', XR#SM3586, JOINT# 3998
STA. 1891+37, ELEV. 2205.20', XR#SM3574, JOINT# 3999
STA. 1891+87, ELEV. 2208.50', XR#SM3575, JOINT# 4000
STA. 1892+37, ELEV. 2212.30', XR#SM3576, JOINT# 4001
STA. 1892+88, ELEV. 2216.00', XR#SM3577, JOINT# 4002
STA. 1893+38, ELEV. 2219.80', XR#SM3578, JOINT# 4003
STA. 1893+88, ELEV. 2223.10', XR#SM3579, JOINT# 4004
STA. 1894+38, ELEV. 2225.20', XR#SM3580, JOINT# 4005
STA. 1894+89, ELEV. 2226.50', XR#SM3581, JOINT# 4006
STA. 1895+39, ELEV. 2228.40', XR#SM3582, JOINT# 4007
STA. 1895+90, ELEV. 2228.20', XR#SM3583, JOINT# 4008
STA. 1896+40, ELEV. 2223.40', XR#SM3584, JOINT# 4009
STA. 1896+90, ELEV. 2218.00', XR#SM3585, JOINT# 4010
STA. 1897+40, ELEV. 2213.30', XR#SM3587, JOINT# 4011
STA. 1897+90, ELEV. 2210.90', XR#SM3588, JOINT# 4012
STA. 1898+41, ELEV. 2211.70', XR#SM3589, JOINT# 4013
STA. 1898+91, ELEV. 2214.50', XR#SM3590, JOINT# 4014
STA. 1899+40, ELEV. 2217.90', XR#SM3591, JOINT# 4015
STA. 1899+91, ELEV. 2222.30', XR#SM3592, JOINT# 4016
STA. 1900+41, ELEV. 2225.80', XR#SM3593, JOINT# 4017
STA. 1900+91, ELEV. 2226.20', XR#SM3594, JOINT# 4018
STA. 1901+42, ELEV. 2225.80', XR#SM3595, JOINT# 4019
STA. 1901+92, ELEV. 2225.00', XR#SM3596, JOINT# 4020
STA. 1902+42, ELEV. 2223.80', XR#SM3597, JOINT# 4021
STA. 1902+93, ELEV. 2222.40', XR#SM3598, JOINT# 4022
STA. 1903+43, ELEV. 2220.30', XR#SM3599, JOINT# 4023
STA. 1903+93, ELEV. 2217.30', XR#SM3600, JOINT# 4024
STA. 1904+43, ELEV. 2215.90', XR#SM3601, JOINT# 4025
STA. 1904+93, ELEV. 2218.40', XR#SM3602, JOINT# 4026
STA. 1905+44, ELEV. 2221.50', XR#SM3603, JOINT# 4027
STA. 1905+84, ELEV. 2223.50', XR#SM3604, JOINT# 4028
STA. 1906+34, ELEV. 2225.90', XR#SM3605, JOINT# 4029
STA. 1906+85, ELEV. 2228.50', XR#SM3606, JOINT# 4030
STA. 1907+35, ELEV. 2230.70', XR#SM3607, JOINT# 4031
STA. 1907+85, ELEV. 2232.60', XR#SM3608, JOINT# 4032
STA. 1908+28, ELEV. 2233.70', XR#SM3609, JOINT# 4033
STA. 1908+71, ELEV. 2235.80', XR#SM3610, JOINT# 4034
STA. 1909+13, ELEV. 2236.60', XR#SM3611, JOINT# 4035
STA. 1909+56, ELEV. 2236.40', XR#SM3612, JOINT# 4036
STA. 1909+99, ELEV. 2236.40', XR#SM3613, JOINT# 4037
STA. 1910+41, ELEV. 2237.50', XR#SM3614, JOINT# 4038
STA. 1910+66, ELEV. 2238.20', XR#SM3615, JOINT# 2109A
STA. 1910+84, ELEV. 2238.50', XR#SM3616, JOINT# 2627A
STA. 1911+02, ELEV. 2238.90', XR#SM3617, JOINT# 700B
STA. 1911+29, ELEV. 2239.90', XR#SM3618, JOINT# 3340A
STA. 1911+68, ELEV. 2242.30', XR#SM3619, JOINT# 2616A
STA. 1912+10, ELEV. 2243.60', XR#SMT712, JOINT# 4039
STA. 1912+16, ELEV. 2243.60', XR#SMT713, JOINT# V3-1
STA. 1912+22, ELEV. 2245.90', XR#SMT714, JOINT# V3-F1
STA. 1912+30, ELEV. 2251.40', XR#SMT715, JOINT# V3-2
STA. 1912+36, ELEV. 2253.50', XR#SMF75, JOINT# V3F2
STA. 1912+38, ELEV. 2253.50', XR#SMF16, JOINT# V2-3
STA. 1912+41, ELEV. 2253.50', XR#SMF15, JOINT# VALVE
STA. 1912+42, ELEV. 2253.50', XR#SMF13, JOINT# V2-T2
STA. 1912+45, ELEV. 2253.50', XR#SMF74, JOINT# V2-6
STA. 1912+52, ELEV. 2251.20', XR#SMT716, JOINT# V3-F3
STA. 1912+58, ELEV. 2246.60', XR#SMT717, JOINT# V3-5
STA. 1912+64, ELEV. 2244.40', XR#SMT718, JOINT# V3-F4
STA. 1912+78, ELEV. 2242.87', XR#SMB380, JOINT# 4040BR
STA. 1913+19, ELEV. 2239.51', XR#SMB381, JOINT# 4041BR
STA. 1913+59, ELEV. 2238.00', XR#SMB382, JOINT# 4042BR
STA. 1913+99, ELEV. 2238.21', XR#SMB383, JOINT# 4043BR
STA. 1914+40, ELEV. 2240.23', XR#SMB384, JOINT# 4044BR
STA. 1914+81, ELEV. 2244.07', XR#SMB385, JOINT# 4045BR
STA. 1915+03, ELEV. 2246.77', XR#SMB386, JOINT# 2618BRA
STA. 1915+33, ELEV. 2251.52', XR#SMB387, JOINT# 861BR
STA. 1915+50, ELEV. 2254.50', XR#SMT440, JOINT# 2742BR
STA. 1915+93, ELEV. 2257.00', XR#SM3620, JOINT# 4046
STA. 1915+99, ELEV. 2257.30', XR#SMT441, JOINT# 4047
STA. 1916+36, ELEV. 2256.30', XR#SM3621, JOINT# 4048
STA. 1916+79, ELEV. 2256.90', XR#SM3622, JOINT# 4049
STA. 1917+22, ELEV. 2259.70', XR#SM3623, JOINT# 4050

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,454 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	796 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 159	SHEET No. 59 OF 149 (1)

OWNERSHIP

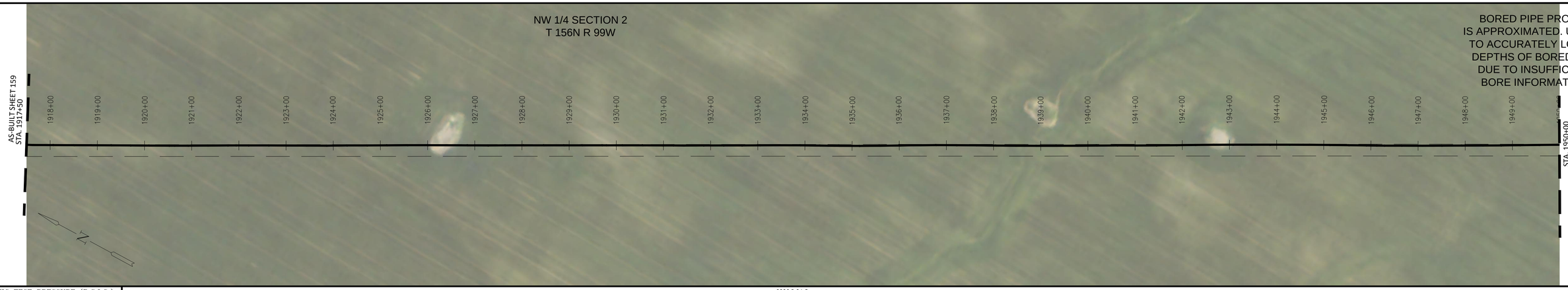
1917+50	1933+24	1950+00
08035 CHRISTOPHERSON, WALTER N 12551 65TH ST NW EPPING ND 58843 1574.47 FT 95.42 RODS		08035 CHRISTOPHERSON ETUX, WALTER N 12551 65TH ST NW EPPING ND 58843 1675.53 FT 101.55 RODS

STATIONING

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

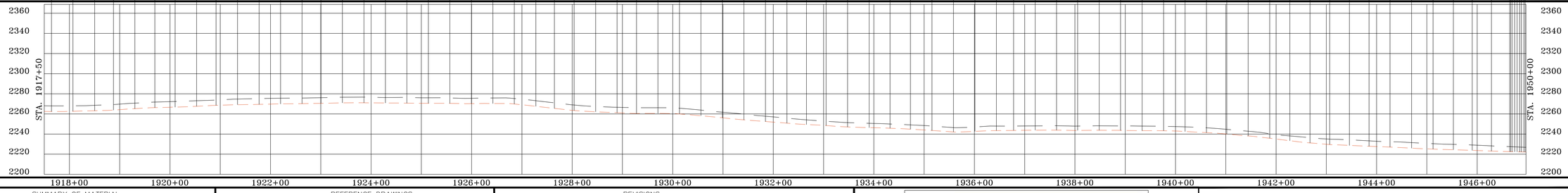


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1917+64, ELEV. 2261.00', XR#SM3624, JOINT# 4051
STA. 1918+07, ELEV. 2261.10', XR#SM3625, JOINT# 4052
STA. 1918+50, ELEV. 2261.80', XR#SM3626, JOINT# 4053
STA. 1918+88, ELEV. 2262.40', XR#SM3627, JOINT# 4054
STA. 1919+30, ELEV. 2262.60', XR#SM3628, JOINT# 4055
STA. 1919+70, ELEV. 2263.10', XR#SM3629, JOINT# 4056
STA. 1920+10, ELEV. 2263.00', XR#SM3630, JOINT# 4057
STA. 1920+53, ELEV. 2262.50', XR#SM3631, JOINT# 4058
STA. 1920+92, ELEV. 2262.40', XR#SM3632, JOINT# 4059
STA. 1921+34, ELEV. 2263.00', XR#SM3633, JOINT# 4060
STA. 1921+77, ELEV. 2263.50', XR#SM3634, JOINT# 4061
STA. 1922+20, ELEV. 2264.90', XR#SM3635, JOINT# 4062
STA. 1922+63, ELEV. 2266.20', XR#SM3636, JOINT# 4063
STA. 1923+00, ELEV. 2266.60', XR#SM3637, JOINT# 4064
STA. 1923+43, ELEV. 2267.30', XR#SM3638, JOINT# 4065
STA. 1923+86, ELEV. 2268.40', XR#SM3639, JOINT# 4066
STA. 1924+29, ELEV. 2269.10', XR#SM3640, JOINT# 4067
STA. 1924+71, ELEV. 2269.40', XR#SM3641, JOINT# 4068
STA. 1925+14, ELEV. 2269.90', XR#SM3642, JOINT# 4069
STA. 1925+57, ELEV. 2270.20', XR#SM3643, JOINT# 4070
STA. 1926+00, ELEV. 2270.50', XR#SM3644, JOINT# 4071
STA. 1926+42, ELEV. 2271.00', XR#SM3645, JOINT# 4072
STA. 1926+85, ELEV. 2271.10', XR#SM3646, JOINT# 4073
STA. 1927+28, ELEV. 2270.90', XR#SM3647, JOINT# 4074
STA. 1927+65, ELEV. 2270.80', XR#SM3648, JOINT# 4075
STA. 1928+04, ELEV. 2270.60', XR#SM3649, JOINT# 4076
STA. 1928+47, ELEV. 2270.60', XR#SM3650, JOINT# 4077
STA. 1928+89, ELEV. 2270.20', XR#SM3651, JOINT# 4078
STA. 1929+28, ELEV. 2270.40', XR#SM3652, JOINT# 4079
STA. 1929+71, ELEV. 2270.30', XR#SM3653, JOINT# 4080
STA. 1930+13, ELEV. 2268.50', XR#SM3654, JOINT# 4081
STA. 1930+56, ELEV. 2266.10', XR#SM3655, JOINT# 4082
STA. 1930+99, ELEV. 2263.70', XR#SM3656, JOINT# 4083
STA. 1931+42, ELEV. 2262.30', XR#SM3657, JOINT# 4084
STA. 1931+84, ELEV. 2261.30', XR#SM3658, JOINT# 4085
STA. 1932+27, ELEV. 2260.50', XR#SM3659, JOINT# 4086
STA. 1932+66, ELEV. 2260.60', XR#SM3660, JOINT# 4087
STA. 1933+05, ELEV. 2260.40', XR#SM3661, JOINT# 4088
STA. 1933+48, ELEV. 2258.70', XR#SM3662, JOINT# 4089
STA. 1933+91, ELEV. 2256.70', XR#SM3663, JOINT# 4090
STA. 1934+32, ELEV. 2254.60', XR#SM3664, JOINT# 4091
STA. 1934+73, ELEV. 2253.00', XR#SM3665, JOINT# 4092
STA. 1935+16, ELEV. 2251.40', XR#SM3666, JOINT# 4093
STA. 1935+58, ELEV. 2249.70', XR#SM3667, JOINT# 4094
STA. 1936+01, ELEV. 2248.80', XR#SM3668, JOINT# 4095
STA. 1936+44, ELEV. 2247.20', XR#SM3669, JOINT# 4096
STA. 1936+78, ELEV. 2246.60', XR#SM3670, JOINT# 4097
STA. 1937+21, ELEV. 2246.10', XR#SM3671, JOINT# 4098
STA. 1937+63, ELEV. 2245.20', XR#SM3672, JOINT# 4099
STA. 1938+05, ELEV. 2244.00', XR#SM3673, JOINT# 4100
STA. 1938+48, ELEV. 2242.60', XR#SM3674, JOINT# 4101
STA. 1938+91, ELEV. 2242.40', XR#SM3675, JOINT# 4102
STA. 1939+34, ELEV. 2243.40', XR#SM3676, JOINT# 4103
STA. 1939+76, ELEV. 2243.60', XR#SM3677, JOINT# 4104
STA. 1940+19, ELEV. 2243.80', XR#SM3678, JOINT# 4105
STA. 1940+62, ELEV. 2243.90', XR#SM3679, JOINT# 4106
STA. 1941+02, ELEV. 2243.60', XR#SM3680, JOINT# 4107
STA. 1941+45, ELEV. 2243.80', XR#SM3681, JOINT# 4108
STA. 1941+87, ELEV. 2243.70', XR#SM3682, JOINT# 4109
STA. 1942+27, ELEV. 2243.40', XR#SM3683, JOINT# 4110
STA. 1942+68, ELEV. 2243.40', XR#SM3684, JOINT# 4111
STA. 1943+07, ELEV. 2243.00', XR#SM3685, JOINT# 4112
STA. 1943+46, ELEV. 2241.90', XR#SM3686, JOINT# 4113
STA. 1943+85, ELEV. 2240.90', XR#SM3687, JOINT# 4114
STA. 1944+27, ELEV. 2239.00', XR#SM3688, JOINT# 4115
STA. 1944+70, ELEV. 2237.10', XR#SM3689, JOINT# 4116
STA. 1945+12, ELEV. 2234.50', XR#SM3690, JOINT# 4117
STA. 1945+53, ELEV. 2232.00', XR#SM3691, JOINT# 4118
STA. 1945+90, ELEV. 2230.40', XR#SM3692, JOINT# 4119
STA. 1946+28, ELEV. 2229.20', XR#SM3693, JOINT# 4120
STA. 1946+65, ELEV. 2228.40', XR#SM3694, JOINT# 4121
STA. 1947+07, ELEV. 2227.50', XR#SM3695, JOINT# 4122
STA. 1947+50, ELEV. 2226.60', XR#SM3696, JOINT# 4123
STA. 1947+93, ELEV. 2225.50', XR#SM3697, JOINT# 4124
STA. 1948+36, ELEV. 2224.70', XR#SM3698, JOINT# 4125
STA. 1948+76, ELEV. 2224.10', XR#SM3699, JOINT# 4126
STA. 1949+16, ELEV. 2223.40', XR#SM3700, JOINT# 4127
STA. 1949+56, ELEV. 2222.70', XR#SM3701, JOINT# 4128
STA. 1949+97, ELEV. 2222.20', XR#SM3702, JOINT# 4129

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

– – – – – TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 160	SHEET No. 60 OF 149 △1

OWNERSHIP

1950+00	08035 CHRISTOPHERSON ETUX, WALTER N 12551 65TH ST NW EPPING ND 58843 1113.68 FT 67.50 RODS	1961+14	27685 LANINI, DANIEL T & DAVID W 12401 65TH ST NW EPPING ND 58843 285.45 FT 17.30 RODS	1963+99	27685 LANINI, DANIEL T & DAVID W 12401 65TH ST NW EPPING ND 58843 1850.87 FT 112.17 RODS	1982+50

STATIONING

1961+12 BOREHOLE

1964+94 BOREHOLE

1977+27 P.I. < 24°09'25" LT.

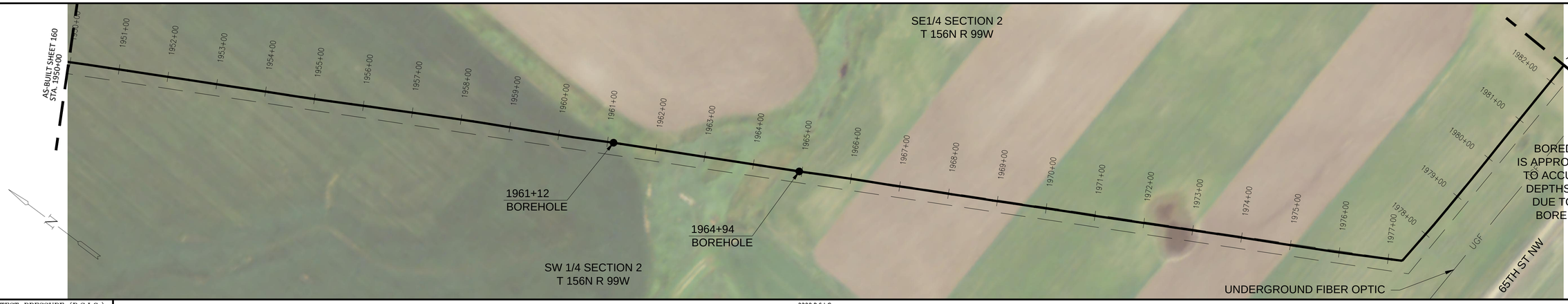
1977+30 P.I. < 27°14'51" LT.

1977+32 P.I. < 4°51'51" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



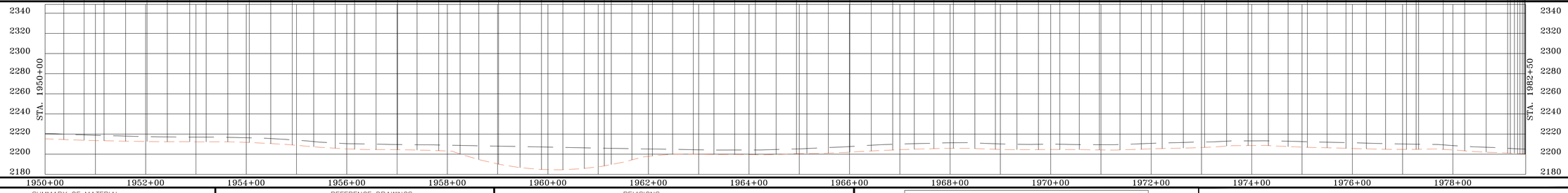
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1950+37, ELEV. 2221.30', XR#SM3703, JOINT# 4130
STA. 1950+78, ELEV. 2220.10', XR#SM3704, JOINT# 4131
STA. 1951+17, ELEV. 2219.20', XR#SM3705, JOINT# 4132
STA. 1951+60, ELEV. 2218.10', XR#SM3706, JOINT# 4133
STA. 1952+03, ELEV. 2217.20', XR#SM3707, JOINT# 4134
STA. 1952+43, ELEV. 2216.20', XR#SM3708, JOINT# 4135
STA. 1952+88, ELEV. 2215.50', XR#SM3709, JOINT# 4136
STA. 1953+20, ELEV. 2215.00', XR#SM3710, JOINT# 4137
STA. 1953+63, ELEV. 2214.10', XR#SM3711, JOINT# 4138
STA. 1954+06, ELEV. 2213.50', XR#SM3712, JOINT# 4139
STA. 1954+49, ELEV. 2213.10', XR#SM3713, JOINT# 4140
STA. 1954+91, ELEV. 2212.70', XR#SM3714, JOINT# 4141
STA. 1955+34, ELEV. 2212.40', XR#SM3715, JOINT# 4142
STA. 1955+77, ELEV. 2212.50', XR#SM3716, JOINT# 4143
STA. 1956+16, ELEV. 2212.20', XR#SM3717, JOINT# 4144
STA. 1956+58, ELEV. 2212.40', XR#SM3718, JOINT# 4145
STA. 1957+01, ELEV. 2211.80', XR#SM3719, JOINT# 4146
STA. 1957+40, ELEV. 2210.90', XR#SM3720, JOINT# 4147
STA. 1957+83, ELEV. 2209.70', XR#SM3721, JOINT# 4148
STA. 1958+25, ELEV. 2207.90', XR#SM3722, JOINT# 4149
STA. 1958+63, ELEV. 2206.50', XR#SM3723, JOINT# 4150
STA. 1959+02, ELEV. 2205.20', XR#SM3724, JOINT# 4151
STA. 1959+44, ELEV. 2204.60', XR#SM3725, JOINT# 4152
STA. 1959+87, ELEV. 2204.60', XR#SM3726, JOINT# 4154
STA. 1960+30, ELEV. 2204.30', XR#SMT450, JOINT# 4155
STA. 1960+73, ELEV. 2203.80', XR#SM3727, JOINT# 4153
STA. 1961+12, ELEV. 2203.00', XR#SMT453R, JOINT# 4156
STA. 1961+26, ELEV. 2200.63', XR#SMB371, JOINT# 4157BR
STA. 1961+67, ELEV. 2194.54', XR#SMB372, JOINT# 4158BR
STA. 1962+08, ELEV. 2189.92', XR#SMB373, JOINT# 4159BR
STA. 1962+48, ELEV. 2186.73', XR#SMB374, JOINT# 4160BR
STA. 1962+89, ELEV. 2184.89', XR#SMB375, JOINT# 4161BR
STA. 1963+30, ELEV. 2184.50', XR#SMB376, JOINT# 4162BR
STA. 1963+72, ELEV. 2185.56', XR#SMB377, JOINT# 4163BR
STA. 1964+13, ELEV. 2188.06', XR#SMB378, JOINT# 4164BR
STA. 1964+54, ELEV. 2192.01', XR#SMB379, JOINT# 4165BR
STA. 1964+94, ELEV. 2197.30', XR#SMT460, JOINT# 4166BR
STA. 1965+15, ELEV. 2198.50', XR#SMT458, JOINT# 4196
STA. 1965+58, ELEV. 2200.10', XR#SMT457, JOINT# 4167
STA. 1966+01, ELEV. 2200.10', XR#SM3728, JOINT# 4169
STA. 1966+43, ELEV. 2199.70', XR#SM3729, JOINT# 4169
STA. 1966+86, ELEV. 2199.80', XR#SM3730, JOINT# 4170
STA. 1967+29, ELEV. 2199.30', XR#SM3731, JOINT# 4171
STA. 1967+68, ELEV. 2199.90', XR#SM3732, JOINT# 4172
STA. 1968+07, ELEV. 2200.70', XR#SM3733, JOINT# 4173
STA. 1968+49, ELEV. 2200.80', XR#SM3734, JOINT# 4174
STA. 1968+90, ELEV. 2201.60', XR#SM3735, JOINT# 4175
STA. 1969+33, ELEV. 2202.80', XR#SM3736, JOINT# 4176
STA. 1969+76, ELEV. 2203.90', XR#SM3737, JOINT# 4177
STA. 1970+18, ELEV. 2204.70', XR#SM3738, JOINT# 4178
STA. 1970+57, ELEV. 2205.30', XR#SM3739, JOINT# 4179
STA. 1970+97, ELEV. 2205.90', XR#SM3740, JOINT# 4180
STA. 1971+38, ELEV. 2205.90', XR#SM3741, JOINT# 4181
STA. 1971+80, ELEV. 2205.10', XR#SM3742, JOINT# 4182
STA. 1972+22, ELEV. 2204.50', XR#SM3743, JOINT# 4183
STA. 1972+64, ELEV. 2204.50', XR#SM3744, JOINT# 4184
STA. 1973+06, ELEV. 2204.60', XR#SM3745, JOINT# 4185
STA. 1973+50, ELEV. 2204.60', XR#SM3746, JOINT# 4186
STA. 1973+93, ELEV. 2204.30', XR#SM3747, JOINT# 4187
STA. 1974+33, ELEV. 2204.10', XR#SM3748, JOINT# 4188
STA. 1974+72, ELEV. 2204.70', XR#SM3749, JOINT# 4189
STA. 1975+11, ELEV. 2205.40', XR#SM3750, JOINT# 4190
STA. 1975+50, ELEV. 2205.90', XR#SM3751, JOINT# 4191
STA. 1975+87, ELEV. 2206.30', XR#SM3752, JOINT# 4192
STA. 1976+28, ELEV. 2207.10', XR#SM3753, JOINT# 4193
STA. 1976+66, ELEV. 2208.50', XR#SM3754, JOINT# 4194
STA. 1977+08, ELEV. 2206.60', XR#SMT445, JOINT# 4195
STA. 1977+27, ELEV. 2208.70', XR#SMT446, JOINT# 3938A
STA. 1977+32, ELEV. 2208.70', XR#SMT447, JOINT# F52
STA. 1977+81, ELEV. 2207.50', XR#SM3755, JOINT# 4197
STA. 1978+23, ELEV. 2206.70', XR#SM3756, JOINT# 4198
STA. 1978+66, ELEV. 2206.30', XR#SM3757, JOINT# 4199
STA. 1979+09, ELEV. 2205.60', XR#SM3758, JOINT# 4200
STA. 1979+46, ELEV. 2205.10', XR#SM3759, JOINT# 4201
STA. 1979+88, ELEV. 2204.80', XR#SM3760, JOINT# 4202
STA. 1980+31, ELEV. 2204.80', XR#SM3761, JOINT# 4203
STA. 1980+74, ELEV. 2205.20', XR#SM3762, JOINT# 4204
STA. 1981+49, ELEV. 2202.50', XR#SMT448, JOINT# 4206
STA. 1981+88, ELEV. 2201.70', XR#SM3764, JOINT# 4207
STA. 1981+11, ELEV. 2204.10', XR#SM3763, JOINT# 4205
STA. 1982+31, ELEV. 2200.70', XR#SMT449, JOINT# 4208

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,868 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	382 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 161	SHEET No. 61 OF 149 (1)

OWNERSHIP

1982+50

27685
LANINI, DANIEL T & DAVID W
12401 65TH ST NW
EPPING ND 58843
1310.81 FT
79.44 RODS

1995+61

28950
LEVERENZ, SHANE LEE
4975 CLEARWATER DR
LOVELAND CO 80538
408.57 FT
24.76 RODS

1999+69

28950
LEVERENZ, HARLEY D
4975 CLEARWATER DR
LOVELAND CO 80538
1530.61 FT
92.76 RODS

2015+00

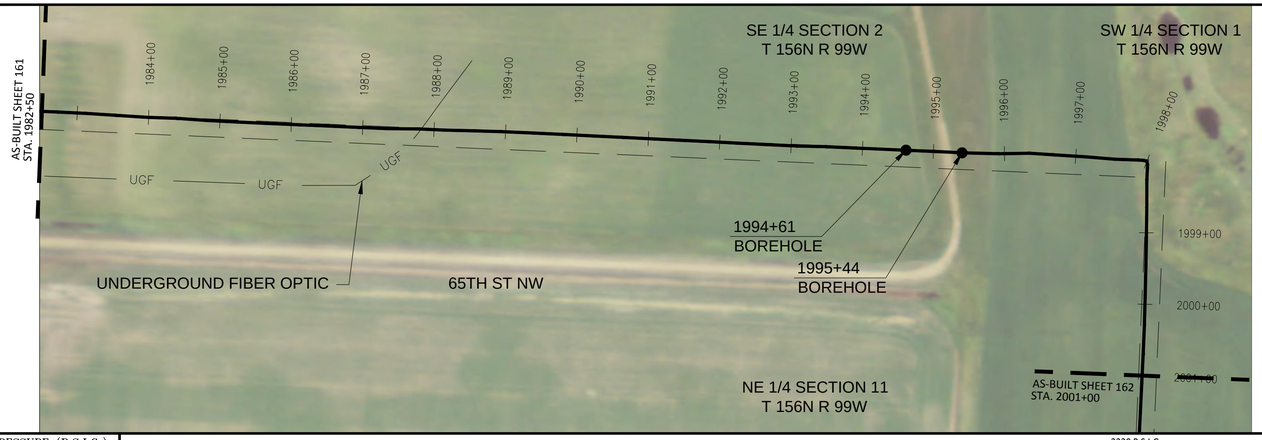
STATIONING

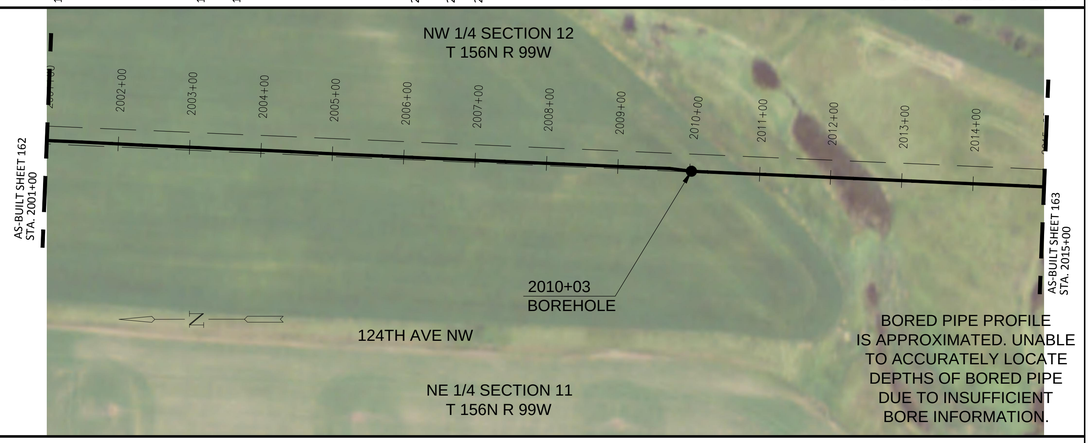
1984+39 P.I. < 2°11'55" RT.
1987+79 P.I. < 2°13'33" RT.
1987+82 UNDERGROUND FIBER OPTIC
1994+61 BOREHOLE
1995+44 BOREHOLE
1995+93 P.I. < 2°20'46" LT.
1996+35 P.I. < 4°30'03" RT.
1997+55 P.I. < 2°42'41" LT.
1997+88 P.I. < 2°35'43" RT.
1997+96 P.I. < 16°56'44" RT.
1998+00 P.I. < 61°22'45" RT.
1998+05 P.I. < 10°13'27" RT.
1998+25 P.I. < 2°58'56" LT.
2009+73 P.I. < 5°06'41" RT.
2010+03 P.I. < 4°43'36" LT.
2010+03 BOREHOLE

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'





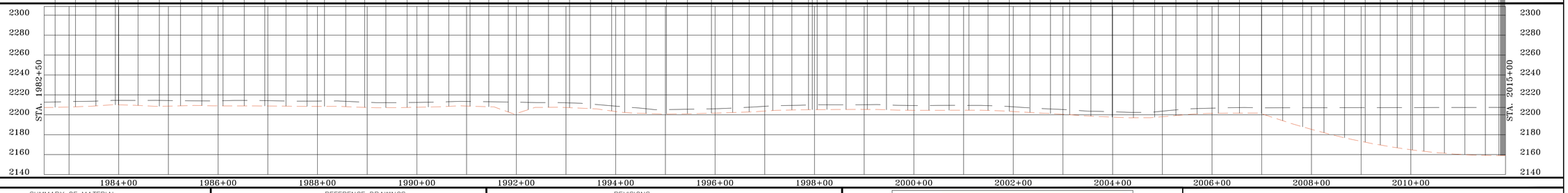
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 1982+72, ELEV. 2200.00', XR#SMB388, JOINT# 4209BR
STA. 1983+13, ELEV. 2200.30', XR#SMB389, JOINT# 4210BR
STA. 1983+54, ELEV. 2201.50', XR#SMB390, JOINT# 4211BR
STA. 1983+93, ELEV. 2203.20', XR#SMT466, JOINT# 4212BR
STA. 1983+99, ELEV. 2203.50', XR#SMT467, JOINT# 4223A
STA. 1984+39, ELEV. 2204.80', XR#SM3765, JOINT# 4214
STA. 1984+82, ELEV. 2206.20', XR#SM3766, JOINT# 4215
STA. 1985+24, ELEV. 2207.10', XR#SM3767, JOINT# 4216
STA. 1985+67, ELEV. 2207.40', XR#SM3768, JOINT# 4217
STA. 1986+10, ELEV. 2207.80', XR#SM3769, JOINT# 4218
STA. 1986+53, ELEV. 2208.70', XR#SM3770, JOINT# 4219
STA. 1986+94, ELEV. 2210.10', XR#SM3771, JOINT# 4220
STA. 1987+37, ELEV. 2209.60', XR#SMT443, JOINT# 4221
STA. 1987+79, ELEV. 2208.50', XR#SM3772, JOINT# 4222
STA. 1988+14, ELEV. 2208.80', XR#SMT444, JOINT# 4223
STA. 1988+57, ELEV. 2209.40', XR#SM3773, JOINT# 4224
STA. 1988+95, ELEV. 2209.00', XR#SM3774, JOINT# 4225
STA. 1989+38, ELEV. 2208.90', XR#SM3775, JOINT# 4226
STA. 1989+80, ELEV. 2208.90', XR#SM3776, JOINT# 4227
STA. 1990+23, ELEV. 2208.80', XR#SM3777, JOINT# 4228
STA. 1990+64, ELEV. 2208.50', XR#SM3778, JOINT# 4229
STA. 1991+07, ELEV. 2208.40', XR#SM3779, JOINT# 4230
STA. 1991+45, ELEV. 2208.50', XR#SM3780, JOINT# 4231
STA. 1991+84, ELEV. 2207.70', XR#SM3781, JOINT# 4232
STA. 1992+24, ELEV. 2207.10', XR#SM3782, JOINT# 4233
STA. 1992+65, ELEV. 2207.20', XR#SM3783, JOINT# 4234
STA. 1993+07, ELEV. 2207.60', XR#SM3784, JOINT# 4235
STA. 1993+49, ELEV. 2208.00', XR#SM3785, JOINT# 4236
STA. 1993+92, ELEV. 2209.00', XR#SMT464, JOINT# 4237
STA. 1994+18, ELEV. 2208.50', XR#SM3786, JOINT# 4238
STA. 1994+61, ELEV. 2207.90', XR#SMT465, JOINT# 4239
STA. 1995+02, ELEV. 2200.59', XR#SMB391, JOINT# 4250BR
STA. 1995+44, ELEV. 2207.40', XR#SMT469, JOINT# 4251BR
STA. 1995+93, ELEV. 2207.60', XR#SM3787, JOINT# 4252
STA. 1996+35, ELEV. 2206.70', XR#SM3789, JOINT# 4253
STA. 1996+69, ELEV. 2205.90', XR#SMT470, JOINT# 4254
STA. 1997+16, ELEV. 2202.60', XR#SM3788, JOINT# 4255
STA. 1997+55, ELEV. 2201.40', XR#SM3790, JOINT# 4256
STA. 1997+88, ELEV. 2201.00', XR#SMT471, JOINT# 4257
STA. 1997+96, ELEV. 2200.90', XR#SMT472, JOINT# 4196A
STA. 1998+05, ELEV. 2200.70', XR#SMT473, JOINT# F53
STA. 1998+25, ELEV. 2200.90', XR#SMT474, JOINT# 4258
STA. 1998+64, ELEV. 2201.00', XR#SM3792, JOINT# 4259
STA. 1999+06, ELEV. 2201.70', XR#SM3793, JOINT# 4260
STA. 1999+45, ELEV. 2202.30', XR#SM3794, JOINT# 4261
STA. 1999+88, ELEV. 2203.10', XR#SMT451, JOINT# 4262
STA. 2000+30, ELEV. 2204.50', XR#SM3794, JOINT# 4288
STA. 2000+71, ELEV. 2204.90', XR#SM3797, JOINT# 4289
STA. 2001+11, ELEV. 2205.20', XR#SMT452, JOINT# 4290
STA. 2001+49, ELEV. 2205.30', XR#SM3795, JOINT# 4291
STA. 2001+92, ELEV. 2205.40', XR#SM3796, JOINT# 4292
STA. 2002+34, ELEV. 2205.30', XR#SM3798, JOINT# 4293
STA. 2002+75, ELEV. 2204.70', XR#SM3799, JOINT# 4294
STA. 2003+14, ELEV. 2204.50', XR#SM3800, JOINT# 4295
STA. 2003+56, ELEV. 2204.50', XR#SM3801, JOINT# 4296
STA. 2003+99, ELEV. 2204.60', XR#SM3802, JOINT# 4297
STA. 2004+42, ELEV. 2204.50', XR#SM3803, JOINT# 4298
STA. 2004+85, ELEV. 2203.90', XR#SM3804, JOINT# 4299
STA. 2005+27, ELEV. 2202.70', XR#SM3805, JOINT# 4300
STA. 2005+70, ELEV. 2201.50', XR#SM3806, JOINT# 4301
STA. 2006+13, ELEV. 2200.40', XR#SM3807, JOINT# 4302
STA. 2006+55, ELEV. 2198.80', XR#SM3808, JOINT# 4303
STA. 2006+99, ELEV. 2197.80', XR#SM3809, JOINT# 4304
STA. 2007+42, ELEV. 2197.00', XR#SM3810, JOINT# 4305
STA. 2007+82, ELEV. 2197.10', XR#SM3811, JOINT# 4306
STA. 2008+25, ELEV. 2198.80', XR#SM3812, JOINT# 4307
STA. 2008+67, ELEV. 2200.70', XR#SM3813, JOINT# 4308
STA. 2009+08, ELEV. 2201.40', XR#SM3814, JOINT# 4309
STA. 2009+39, ELEV. 2201.70', XR#SM3815, JOINT# 4310
STA. 2009+73, ELEV. 2201.70', XR#SM3816, JOINT# 4311
STA. 2010+03, ELEV. 2201.80', XR#SMT475, JOINT# 4312
STA. 2010+26, ELEV. 2197.84', XR#SMB413, JOINT# 4264BR
STA. 2010+67, ELEV. 2191.26', XR#SMB412, JOINT# 4265BR
STA. 2011+09, ELEV. 2185.28', XR#SMB411, JOINT# 4266BR
STA. 2011+50, ELEV. 2179.91', XR#SMB410, JOINT# 4267BR
STA. 2011+91, ELEV. 2175.15', XR#SMB409, JOINT# 4268BR
STA. 2012+32, ELEV. 2171.01', XR#SMB408, JOINT# 4269BR
STA. 2012+73, ELEV. 2167.51', XR#SMB407, JOINT# 4270BR
STA. 2013+14, ELEV. 2164.58', XR#SMB406, JOINT# 4271BR
STA. 2013+55, ELEV. 2162.27', XR#SMB405, JOINT# 4272BR
STA. 2013+97, ELEV. 2160.57', XR#SMB415, JOINT# 4273BR
STA. 2014+38, ELEV. 2159.48', XR#SMB404, JOINT# 4274BR
STA. 2014+79, ELEV. 2159.01', XR#SMB403, JOINT# 4275BR

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,670 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	580 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 162	SHEET No. 62 OF 149 (1)

OWNERSHIP

2015+00

28950
LEVERENZ, HARLEY D
4975 CLEARWATER DR
LOVELAND CO 80538
1111.80 FT
67.38 RODS

2026+12

08000
CHRISTOPHERSON ETUX, DOUGLAS
12551 65TH ST NW
EPPING ND 58843
2138.20 FT
129.59 RODS

2047+50

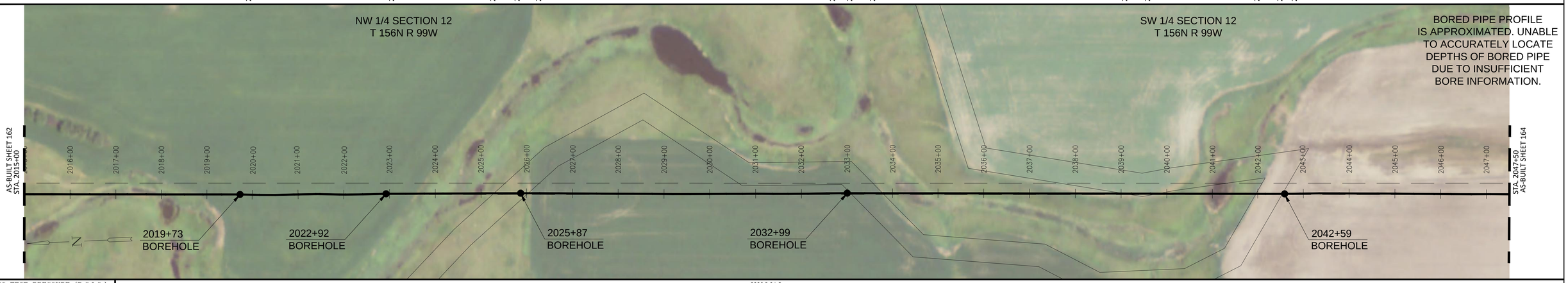
STATIONING

2019+73 BOREHOLE
2022+92 BOREHOLE
2025+28 EDGE OF WATER
2025+87 BOREHOLE
2026+03 EDGE OF WATER
2032+99 BOREHOLE
2033+07 EDGE OF WATER
2033+78 EDGE OF WATER
2039+07 EDGE OF WATER
2039+80 EDGE OF WATER
2041+96 EDGE OF WATER
2042+54 EDGE OF WATER
2042+59 BOREHOLE

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



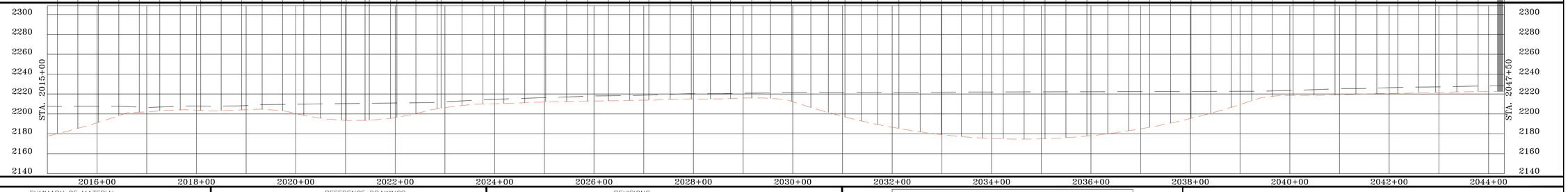
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 2015+20, ELEV. 2159.15' , XR#SMB402, JOINT# 4276BR
STA. 2015+61, ELEV. 2159.91' , XR#SMB401, JOINT# 4277BR
STA. 2016+03, ELEV. 2161.29' , XR#SMB400, JOINT# 4278BR
STA. 2016+44, ELEV. 2163.27' , XR#SMB399, JOINT# 4279BR
STA. 2016+85, ELEV. 2165.88' , XR#SMB398, JOINT# 4280BR
STA. 2017+26, ELEV. 2169.09' , XR#SMB397, JOINT# 4281BR
STA. 2017+67, ELEV. 2172.92' , XR#SMB396, JOINT# 4282BR
STA. 2018+09, ELEV. 2177.36' , XR#SMB395, JOINT# 4283BR
STA. 2018+50, ELEV. 2182.41' , XR#SMB394, JOINT# 4284BR
STA. 2018+91, ELEV. 2188.07' , XR#SMB393, JOINT# 4285BR
STA. 2019+32, ELEV. 2194.34' , XR#SMB392, JOINT# 4286BR
STA. 2019+73, ELEV. 2201.20' , XR#SMT48, JOINT# 4267BR
STA. 2020+16, ELEV. 2202.10' , XR#SM3851, JOINT# 4313
STA. 2020+49, ELEV. 2203.60' , XR#SMT479, JOINT# 4314
STA. 2020+92, ELEV. 2204.20' , XR#SMT480, JOINT# 4315
STA. 2021+01, ELEV. 2204.00' , XR#SM3852, JOINT# 3069A
STA. 2021+39, ELEV. 2202.90' , XR#SM3853, JOINT# 4316
STA. 2021+48, ELEV. 2202.80' , XR#SM3854, JOINT# 3010A
STA. 2021+91, ELEV. 2203.70' , XR#SM3855, JOINT# 4317
STA. 2022+03, ELEV. 2204.00' , XR#SM3856, JOINT# 2899C
STA. 2022+42, ELEV. 2204.80' , XR#SM3857, JOINT# 4318
STA. 2022+84, ELEV. 2203.20' , XR#SM3859, JOINT# 4319
STA. 2022+92, ELEV. 2202.70' , XR#SMT481, JOINT# 2994A
STA. 2023+34, ELEV. 2197.88' , XR#SMB441, JOINT# 4322BR
STA. 2023+76, ELEV. 2194.75' , XR#SMB438, JOINT# 4323BR
STA. 2024+19, ELEV. 2193.30' , XR#SMB435, JOINT# 4324BR
STA. 2024+61, ELEV. 2193.55' , XR#SMB432, JOINT# 4325BR
STA. 2025+03, ELEV. 2195.48' , XR#SMB429, JOINT# 4326BR
STA. 2025+45, ELEV. 2199.10' , XR#SMB426, JOINT# 4327BR
STA. 2025+87, ELEV. 2204.40' , XR#SMT482, JOINT# 4328BR
STA. 2026+29, ELEV. 2207.40' , XR#SM3817, JOINT# 4329
STA. 2026+72, ELEV. 2209.70' , XR#SMT483, JOINT# 4330
STA. 2027+10, ELEV. 2210.10' , XR#SM3818, JOINT# 4331
STA. 2027+53, ELEV. 2210.80' , XR#SM3819, JOINT# 4332
STA. 2027+96, ELEV. 2211.70' , XR#SM3820, JOINT# 4333
STA. 2028+34, ELEV. 2212.30' , XR#SM3821, JOINT# 4334
STA. 2028+75, ELEV. 2212.60' , XR#SM3822, JOINT# 4335
STA. 2029+17, ELEV. 2213.00' , XR#SM3823, JOINT# 4336
STA. 2029+55, ELEV. 2213.30' , XR#SM3824, JOINT# 4337
STA. 2029+98, ELEV. 2213.70' , XR#SM3825, JOINT# 4338
STA. 2030+36, ELEV. 2213.90' , XR#SM3826, JOINT# 4339
STA. 2030+71, ELEV. 2214.60' , XR#SM3828, JOINT# 4340
STA. 2031+05, ELEV. 2215.00' , XR#SM3828, JOINT# 4341
STA. 2031+38, ELEV. 2214.90' , XR#SM3829, JOINT# 4342
STA. 2031+71, ELEV. 2215.20' , XR#SM3830, JOINT# 4343
STA. 2032+14, ELEV. 2216.00' , XR#SM3831, JOINT# 4344
STA. 2032+56, ELEV. 2216.00' , XR#SM3832, JOINT# 4345
STA. 2032+99, ELEV. 2214.60' , XR#SMT484, JOINT# 4346
STA. 2033+39, ELEV. 2208.15' , XR#SMB437, JOINT# 4360BR
STA. 2033+81, ELEV. 2201.98' , XR#SMB434, JOINT# 4361BR
STA. 2034+23, ELEV. 2196.43' , XR#SMB431, JOINT# 4362BR
STA. 2034+65, ELEV. 2191.51' , XR#SMB428, JOINT# 4363BR
STA. 2035+08, ELEV. 2187.21' , XR#SMB425, JOINT# 4364BR
STA. 2035+50, ELEV. 2183.54' , XR#SMB423, JOINT# 4365BR
STA. 2035+92, ELEV. 2180.50' , XR#SMB421, JOINT# 4366BR
STA. 2036+34, ELEV. 2178.09' , XR#SMB419, JOINT# 4367BR
STA. 2036+76, ELEV. 2176.30' , XR#SMB417, JOINT# 4368BR
STA. 2037+18, ELEV. 2175.14' , XR#SMB415, JOINT# 4369BR
STA. 2037+60, ELEV. 2174.61' , XR#SMT476R, JOINT# 4370BR
STA. 2038+01, ELEV. 2174.70' , XR#SMB442, JOINT# 4347BR
STA. 2038+41, ELEV. 2175.36' , XR#SMB439, JOINT# 4348BR
STA. 2038+82, ELEV. 2176.64' , XR#SMB436, JOINT# 4349BR
STA. 2039+23, ELEV. 2178.51' , XR#SMB433, JOINT# 4350BR
STA. 2039+65, ELEV. 2180.99' , XR#SMB430, JOINT# 4351BR
STA. 2040+07, ELEV. 2184.14' , XR#SMB427, JOINT# 4352BR
STA. 2040+49, ELEV. 2187.93' , XR#SMB424, JOINT# 4353BR
STA. 2040+91, ELEV. 2192.33' , XR#SMB422, JOINT# 4354BR
STA. 2041+33, ELEV. 2197.36' , XR#SMB420, JOINT# 4355BR
STA. 2041+75, ELEV. 2203.02' , XR#SMB418, JOINT# 4356BR
STA. 2042+17, ELEV. 2209.30' , XR#SMB416, JOINT# 4357BR
STA. 2042+59, ELEV. 2216.20' , XR#SMT485, JOINT# 4356BR
STA. 2043+00, ELEV. 2218.30' , XR#SM3833, JOINT# 4371
STA. 2043+36, ELEV. 2218.80' , XR#SMT477, JOINT# 4372
STA. 2043+79, ELEV. 2218.80' , XR#SM3834, JOINT# 4373
STA. 2044+22, ELEV. 2219.30' , XR#SM3835, JOINT# 4374
STA. 2044+64, ELEV. 2220.00' , XR#SM3836, JOINT# 4375
STA. 2045+03, ELEV. 2220.40' , XR#SM3837, JOINT# 4376
STA. 2045+42, ELEV. 2220.80' , XR#SM3838, JOINT# 4377
STA. 2045+85, ELEV. 2221.40' , XR#SM3839, JOINT# 4378
STA. 2046+23, ELEV. 2221.70' , XR#SM3840, JOINT# 4379
STA. 2046+66, ELEV. 2222.30' , XR#SM3841, JOINT# 4380
STA. 2047+08, ELEV. 2222.40' , XR#SM3842, JOINT# 4381
STA. 2047+48, ELEV. 2222.70' , XR#SM3843, JOINT# 4382

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	1,522 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	1,728 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 163	SHEET No. 63 OF 149 1

OWNERSHIP

2047+50	2051+49	2052+61	2054+82	2079+01	2080+00
08000 CHRISTOPHERSON ETUX, DOUGLAS 12551 65TH ST NW EPPING ND 58843 398.55 FT 24.15 RODS	46455 STATE OF NORTH DAKOTA STATE CAPITOL BISMARCK ND 58505 112.27 FT 6.80 RODS	46455 STATE OF NORTH DAKOTA STATE CAPITOL BISMARCK ND 58505 221.29 FT 13.41 RODS	18450 HAUG, RONALD D & CAROLE A PO BOX 126 EPPING ND 58843 2418.79 FT 146.59 RODS	18450 HAUG, RONALD D & CAROLE A PO BOX 126 EPPING ND 58843 99.10 FT 6.01 RODS	

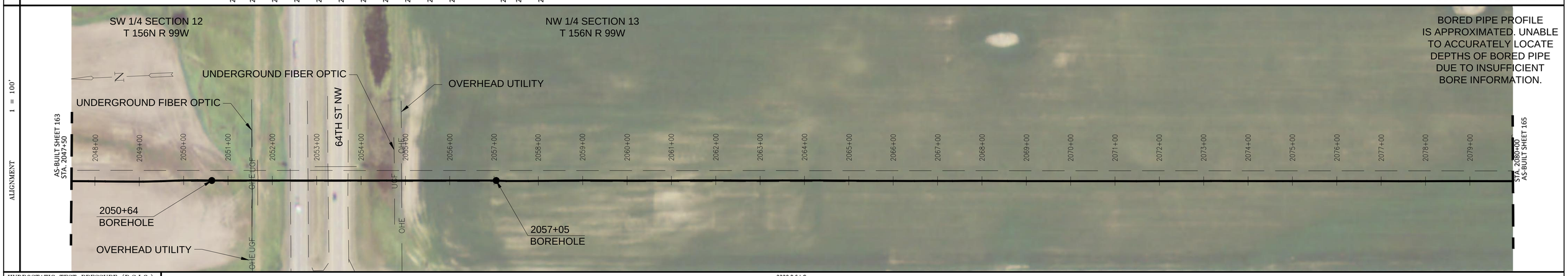
STATIONING

2050+64 BOREHOLE
2051+53 UNDERGROUND FIBER OPTIC
2051+54 OVERHEAD ELECTRIC
2051+55 UNDERGROUND FIBER OPTIC
2051+67 UNDERGROUND FIBER OPTIC
2052+40 EDGE OF ASPHALT
2052+81 EDGE OF ASPHALT
2053+26 EDGE OF ASPHALT
2053+71 EDGE OF ASPHALT
2054+75 UNDERGROUND FIBER OPTIC
2054+91 OVERHEAD ELECTRIC
2057+05 BOREHOLE
2057+05 P.I. < 2°43'37" RT.
2057+27 P.I. < 2°44'39" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



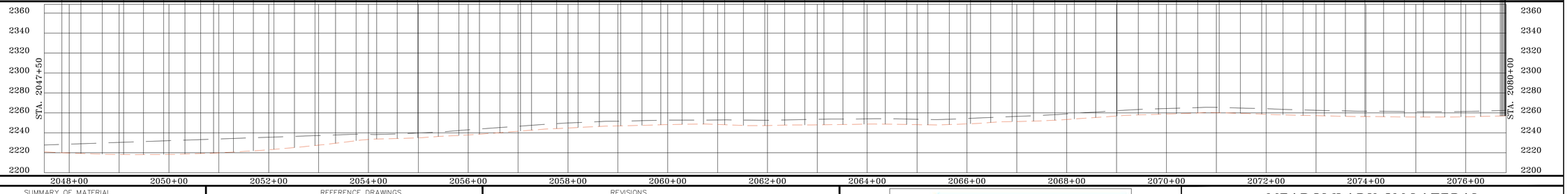
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 2047+85, ELEV. 2222.90', XR#SMB444, JOINT# 4383
STA. 2048+24, ELEV. 2223.10', XR#SMB445, JOINT# 4384
STA. 2048+66, ELEV. 2223.00', XR#SMB446, JOINT# 4385
STA. 2049+09, ELEV. 2223.30', XR#SMB447, JOINT# 4389
STA. 2049+49, ELEV. 2223.10', XR#SMB448, JOINT# 4390
STA. 2049+89, ELEV. 2222.70', XR#SMB449, JOINT# 4391
STA. 2050+32, ELEV. 2221.70', XR#SMB450, JOINT# 4386
STA. 2050+64, ELEV. 2221.10', XR#SMT495, JOINT# 4387
STA. 2050+89, ELEV. 2220.38', XR#SMB444, JOINT# 3153BRA
STA. 2051+29, ELEV. 2219.46', XR#SMB445, JOINT# 3179BR
STA. 2051+69, ELEV. 2218.78', XR#SMB446, JOINT# 3128BR
STA. 2052+10, ELEV. 2218.33', XR#SMB447, JOINT# 5000BR
STA. 2052+52, ELEV. 2218.14', XR#SMB448, JOINT# 4392BR
STA. 2052+93, ELEV. 2218.20', XR#SMB449, JOINT# 4393BR
STA. 2053+34, ELEV. 2218.51', XR#SMB450, JOINT# 4394BR
STA. 2053+75, ELEV. 2219.08', XR#SMB451, JOINT# 4395BR
STA. 2054+16, ELEV. 2219.90', XR#SMB452, JOINT# 4396BR
STA. 2054+58, ELEV. 2220.98', XR#SMB453, JOINT# 4397BR
STA. 2054+99, ELEV. 2222.31', XR#SMB454, JOINT# 4398BR
STA. 2055+40, ELEV. 2223.90', XR#SMB455, JOINT# 4399BR
STA. 2055+81, ELEV. 2225.74', XR#SMB456, JOINT# 4400BR
STA. 2056+22, ELEV. 2227.84', XR#SMB457, JOINT# 4401BR
STA. 2056+64, ELEV. 2230.19', XR#SMB458, JOINT# 4402BR
STA. 2057+05, ELEV. 2232.80', XR#SMT502, JOINT# 4403BR
STA. 2057+27, ELEV. 2233.70', XR#SMT503, JOINT# 4404
STA. 2057+77, ELEV. 2234.30', XR#SMB461, JOINT# 2794
STA. 2058+20, ELEV. 2235.00', XR#SMB462, JOINT# 4406
STA. 2058+63, ELEV. 2236.50', XR#SMB463, JOINT# 4407
STA. 2059+06, ELEV. 2237.50', XR#SMB464, JOINT# 4408
STA. 2059+48, ELEV. 2238.90', XR#SMB465, JOINT# 4409
STA. 2059+86, ELEV. 2240.30', XR#SMB466, JOINT# 4410
STA. 2060+29, ELEV. 2242.00', XR#SMB467, JOINT# 4411
STA. 2060+72, ELEV. 2243.70', XR#SMB468, JOINT# 4412
STA. 2061+14, ELEV. 2245.00', XR#SMB469, JOINT# 4413
STA. 2061+52, ELEV. 2245.70', XR#SMB470, JOINT# 4414
STA. 2061+95, ELEV. 2246.70', XR#SMB471, JOINT# 4415
STA. 2062+34, ELEV. 2247.10', XR#SMB472, JOINT# 4416
STA. 2062+75, ELEV. 2247.60', XR#SMB473, JOINT# 4417
STA. 2063+13, ELEV. 2248.20', XR#SMB474, JOINT# 4418
STA. 2063+51, ELEV. 2248.60', XR#SMB475, JOINT# 4419
STA. 2063+94, ELEV. 2248.80', XR#SMB476, JOINT# 4420
STA. 2064+36, ELEV. 2248.10', XR#SMB477, JOINT# 4421
STA. 2064+79, ELEV. 2247.20', XR#SMB478, JOINT# 4422
STA. 2065+22, ELEV. 2247.30', XR#SMB479, JOINT# 4423
STA. 2065+65, ELEV. 2247.90', XR#SMB480, JOINT# 4424
STA. 2066+07, ELEV. 2247.90', XR#SMB481, JOINT# 4425
STA. 2066+48, ELEV. 2248.20', XR#SMB482, JOINT# 4426
STA. 2066+91, ELEV. 2248.50', XR#SMB483, JOINT# 4427
STA. 2067+34, ELEV. 2248.80', XR#SMB484, JOINT# 4428
STA. 2067+76, ELEV. 2248.60', XR#SMB485, JOINT# 4429
STA. 2068+15, ELEV. 2248.20', XR#SMB486, JOINT# 4430
STA. 2068+58, ELEV. 2247.90', XR#SMB487, JOINT# 4431
STA. 2069+01, ELEV. 2248.60', XR#SMB488, JOINT# 4432
STA. 2069+44, ELEV. 2249.50', XR#SMB489, JOINT# 4433
STA. 2069+84, ELEV. 2251.00', XR#SMB490, JOINT# 4434
STA. 2070+20, ELEV. 2251.30', XR#SMB491, JOINT# 4435
STA. 2070+63, ELEV. 2251.90', XR#SMB492, JOINT# 4436
STA. 2071+06, ELEV. 2252.90', XR#SMB493, JOINT# 4437
STA. 2071+48, ELEV. 2254.40', XR#SMB494, JOINT# 4438
STA. 2071+91, ELEV. 2255.80', XR#SMB495, JOINT# 4439
STA. 2072+34, ELEV. 2257.40', XR#SMB496, JOINT# 4440
STA. 2072+74, ELEV. 2258.20', XR#SMB497, JOINT# 4441
STA. 2073+17, ELEV. 2258.80', XR#SMB498, JOINT# 4442
STA. 2073+59, ELEV. 2259.40', XR#SMB499, JOINT# 4443
STA. 2073+98, ELEV. 2260.30', XR#SMB500, JOINT# 4444
STA. 2074+35, ELEV. 2260.00', XR#SMB501, JOINT# 4445
STA. 2074+77, ELEV. 2259.40', XR#SMB502, JOINT# 4446
STA. 2075+15, ELEV. 2258.60', XR#SMB503, JOINT# 4447
STA. 2075+58, ELEV. 2257.90', XR#SMB504, JOINT# 4448
STA. 2075+91, ELEV. 2257.50', XR#SMB505, JOINT# 4449
STA. 2076+30, ELEV. 2257.10', XR#SMB506, JOINT# 4450
STA. 2076+69, ELEV. 2256.60', XR#SMB507, JOINT# 4451
STA. 2077+04, ELEV. 2256.30', XR#SMB508, JOINT# 4452
STA. 2077+40, ELEV. 2256.30', XR#SMB509, JOINT# 4453
STA. 2077+90, ELEV. 2255.90', XR#SMB510, JOINT# 4454
STA. 2078+40, ELEV. 2255.80', XR#SMB511, JOINT# 4455
STA. 2078+90, ELEV. 2255.80', XR#SMB512, JOINT# 4456
STA. 2079+40, ELEV. 2256.30', XR#SMB513, JOINT# 4457
STA. 2079+90, ELEV. 2256.90', XR#SMB514, JOINT# 4458

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,609 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	641 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM
PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL
AS-BUILT SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 164	SHEET No. 64 OF 149 1

OWNERSHIP

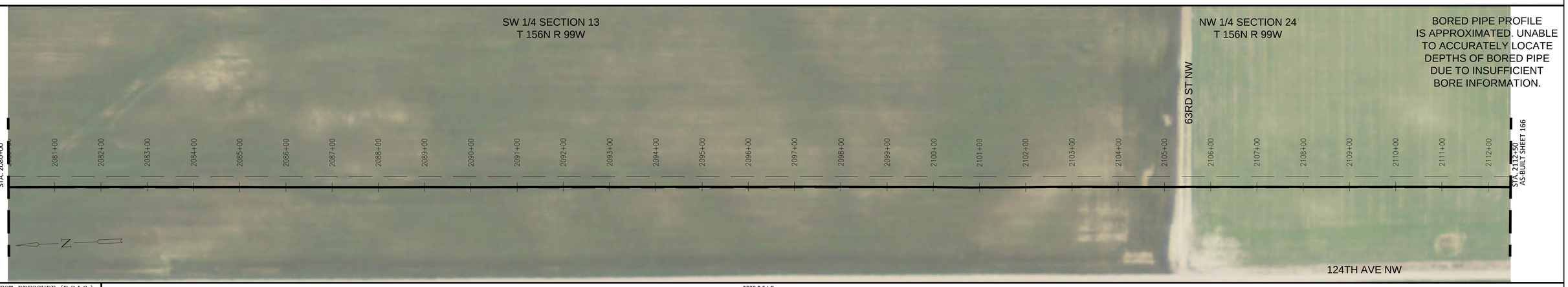
2080+00		2105+41		2112+50
	18450 HAUG, RONALD D & CAROLE A PO BOX 126 EPPING ND 58843 2541.30 FT 154.02 RODS		14430 GARAAS, DANIEL A & CINDY 2114 22ND ST W WILLISTON ND 58801 708.70 FT 42.95 RODS	

STATIONING

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



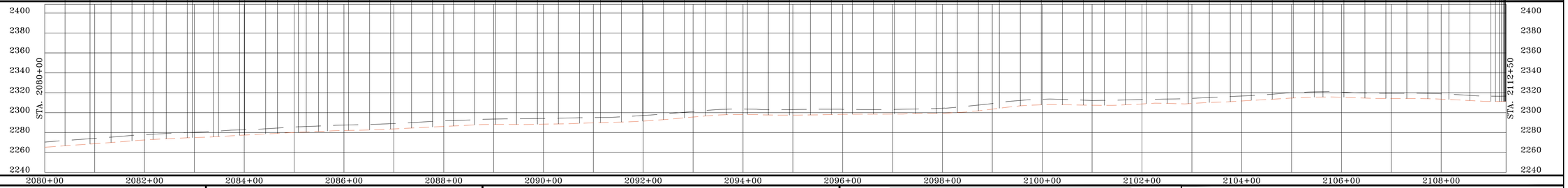
BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 2080+41, ELEV. 2257.90', XR#SM3915, JOINT# 4459
STA. 2080+91, ELEV. 2258.80', XR#SM3916, JOINT# 4460
STA. 2081+33, ELEV. 2259.50', XR#SM3917, JOINT# 4461
STA. 2081+75, ELEV. 2260.50', XR#SM3918, JOINT# 4462
STA. 2082+17, ELEV. 2261.50', XR#SM3919, JOINT# 4463
STA. 2082+44, ELEV. 2262.30', XR#SM3920, JOINT# 3456B
STA. 2082+86, ELEV. 2263.80', XR#SM4118, JOINT# 4465
STA. 2082+96, ELEV. 2264.30', XR#SM4119, JOINT# 3196A
STA. 2083+38, ELEV. 2265.90', XR#SM3921R, JOINT# 4466
STA. 2083+49, ELEV. 2266.30', XR#SM3922, JOINT# 3175A
STA. 2083+91, ELEV. 2267.80', XR#SM3923, JOINT# 4467
STA. 2084+01, ELEV. 2268.10', XR#SM3924, JOINT# 3183A
STA. 2084+43, ELEV. 2269.60', XR#SM3925, JOINT# 4468
STA. 2084+67, ELEV. 2270.50', XR#SM3926, JOINT# 3339A
STA. 2085+09, ELEV. 2272.20', XR#SM3927, JOINT# 4469
STA. 2085+24, ELEV. 2272.70', XR#SM3928, JOINT# 3390B
STA. 2085+49, ELEV. 2273.40', XR#SM3929, JOINT# 3509A
STA. 2085+67, ELEV. 2273.80', XR#SM3930, JOINT# 3285A
STA. 2086+09, ELEV. 2274.80', XR#SM3931, JOINT# 4470
STA. 2086+51, ELEV. 2275.50', XR#SM3932, JOINT# 4471
STA. 2086+93, ELEV. 2276.70', XR#SM3933, JOINT# 4472
STA. 2087+35, ELEV. 2277.90', XR#SM3934, JOINT# 4473
STA. 2087+78, ELEV. 2279.00', XR#SM3935, JOINT# 4474
STA. 2088+20, ELEV. 2280.10', XR#SM3936, JOINT# 4475
STA. 2088+62, ELEV. 2280.90', XR#SM3937, JOINT# 4476
STA. 2089+04, ELEV. 2281.90', XR#SM3938, JOINT# 4477
STA. 2089+46, ELEV. 2282.30', XR#SM3939, JOINT# 4478
STA. 2089+88, ELEV. 2282.80', XR#SM3940, JOINT# 4479
STA. 2090+30, ELEV. 2283.90', XR#SM3941, JOINT# 4480
STA. 2090+72, ELEV. 2284.90', XR#SM3942, JOINT# 4481
STA. 2091+14, ELEV. 2286.00', XR#SM3943, JOINT# 4482
STA. 2091+56, ELEV. 2287.00', XR#SM3944, JOINT# 4483
STA. 2091+98, ELEV. 2288.10', XR#SM3945, JOINT# 4484
STA. 2092+41, ELEV. 2288.20', XR#SM3946, JOINT# 4485
STA. 2092+83, ELEV. 2288.10', XR#SM3947, JOINT# 4486
STA. 2093+25, ELEV. 2288.50', XR#SM3948, JOINT# 4487
STA. 2093+67, ELEV. 2288.80', XR#SM3949, JOINT# 4488
STA. 2094+09, ELEV. 2289.60', XR#SM3950, JOINT# 4489
STA. 2094+51, ELEV. 2290.20', XR#SM3951, JOINT# 4490
STA. 2094+93, ELEV. 2290.80', XR#SM3952, JOINT# 4491
STA. 2095+35, ELEV. 2292.00', XR#SM3953, JOINT# 4492
STA. 2095+77, ELEV. 2293.60', XR#SM3954, JOINT# 4493
STA. 2096+19, ELEV. 2295.60', XR#SM3955, JOINT# 4494
STA. 2096+61, ELEV. 2297.30', XR#SM3956, JOINT# 4495
STA. 2097+04, ELEV. 2298.20', XR#SM3957, JOINT# 4496
STA. 2097+46, ELEV. 2298.10', XR#SM3958, JOINT# 4497
STA. 2097+88, ELEV. 2297.50', XR#SM3959, JOINT# 4498
STA. 2098+30, ELEV. 2297.50', XR#SM3960, JOINT# 4499
STA. 2098+72, ELEV. 2297.80', XR#SM3961, JOINT# 4500
STA. 2099+14, ELEV. 2298.30', XR#SM3962, JOINT# 4501
STA. 2099+56, ELEV. 2298.50', XR#SM3963, JOINT# 4502
STA. 2099+98, ELEV. 2298.50', XR#SM3964, JOINT# 4503
STA. 2100+40, ELEV. 2298.60', XR#SM3965, JOINT# 4504
STA. 2100+83, ELEV. 2299.50', XR#SM3966, JOINT# 4505
STA. 2101+25, ELEV. 2299.50', XR#SM3967, JOINT# 4506
STA. 2101+67, ELEV. 2300.70', XR#SM3968, JOINT# 4507
STA. 2102+09, ELEV. 2302.80', XR#SM3969, JOINT# 4508
STA. 2102+51, ELEV. 2305.50', XR#SM3970, JOINT# 4509
STA. 2102+93, ELEV. 2307.40', XR#SM3971, JOINT# 4510
STA. 2103+35, ELEV. 2308.10', XR#SM3972, JOINT# 4511
STA. 2103+77, ELEV. 2307.80', XR#SM3973, JOINT# 4512
STA. 2104+19, ELEV. 2307.40', XR#SM3974, JOINT# 4513
STA. 2104+61, ELEV. 2307.30', XR#SM3975, JOINT# 4514
STA. 2105+03, ELEV. 2308.20', XR#SMT461, JOINT# 4515
STA. 2105+45, ELEV. 2309.50', XR#SMT462, JOINT# 4516
STA. 2105+63, ELEV. 2309.40', XR#SMT463, JOINT# 4575
STA. 2106+05, ELEV. 2308.80', XR#SM3976, JOINT# 4517
STA. 2106+47, ELEV. 2310.00', XR#SM3977, JOINT# 4518
STA. 2106+89, ELEV. 2310.80', XR#SM3978, JOINT# 4519
STA. 2107+31, ELEV. 2312.10', XR#SM3979, JOINT# 4520
STA. 2107+73, ELEV. 2313.20', XR#SM3980, JOINT# 4521
STA. 2108+15, ELEV. 2314.50', XR#SM3981, JOINT# 4522
STA. 2108+57, ELEV. 2315.50', XR#SM3982, JOINT# 4523
STA. 2109+00, ELEV. 2315.80', XR#SM3983, JOINT# 4524
STA. 2109+42, ELEV. 2315.10', XR#SM3984, JOINT# 4525
STA. 2109+84, ELEV. 2314.30', XR#SM3985, JOINT# 4526
STA. 2110+26, ELEV. 2314.20', XR#SM3986, JOINT# 4527
STA. 2110+68, ELEV. 2314.20', XR#SM3987, JOINT# 4528
STA. 2111+10, ELEV. 2313.80', XR#SM3988, JOINT# 4529
STA. 2111+52, ELEV. 2312.80', XR#SM3989, JOINT# 4530
STA. 2111+94, ELEV. 2311.70', XR#SM3990, JOINT# 4531
STA. 2112+36, ELEV. 2311.20', XR#SM3991, JOINT# 4532

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 165	SHEET No. 65 OF 149

1

OWNERSHIP

2112+50

14430
GARAAS, DANIEL A & CINDY
2114 22ND ST W
WILLISTON ND 58801
3250.00 FT
196.97 RODS

2145+00

STATIONING

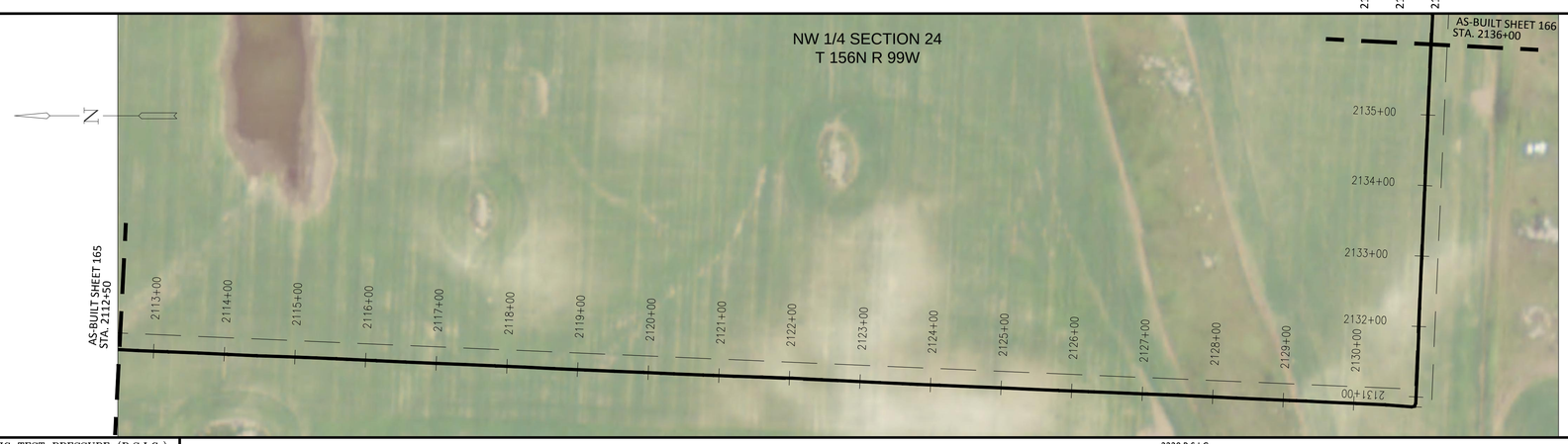
2130+82 P.I. < 14°50'31" LT.
2130+86 P.I. < 58°38'46" LT.
2130+91 P.I. < 17°46'00" LT.

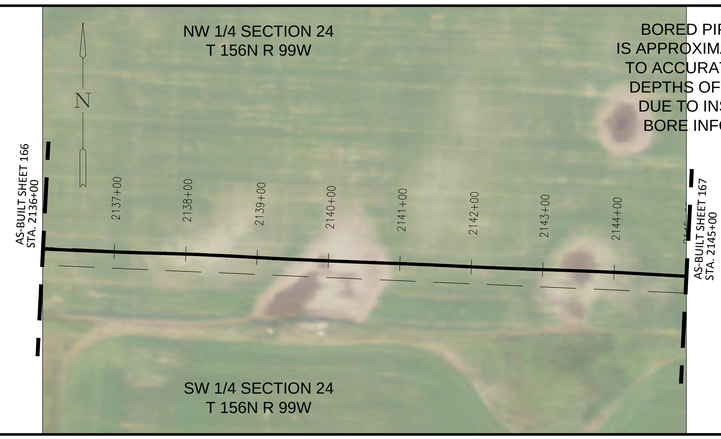
VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

ALIGNMENT 1 = 100'



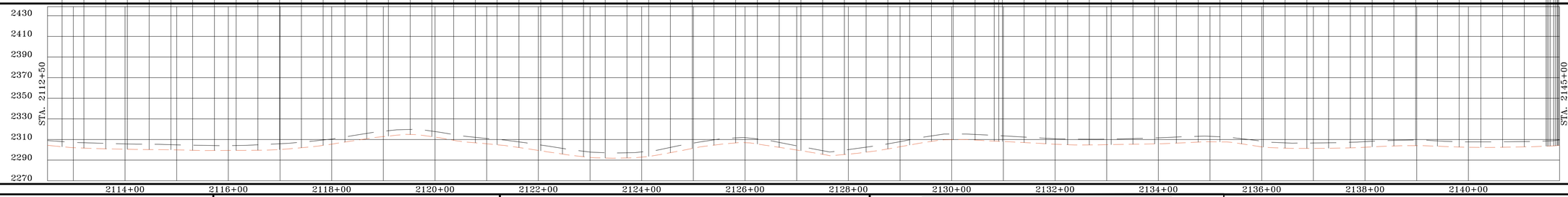


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 2112+78, ELEV. 2311.60', XR#SM3992, JOINT# 4533
STA. 2113+20, ELEV. 2312.50', XR#SM3993, JOINT# 4534
STA. 2113+63, ELEV. 2312.00', XR#SM3994, JOINT# 4535
STA. 2114+05, ELEV. 2311.20', XR#SM3995, JOINT# 4536
STA. 2114+47, ELEV. 2310.10', XR#SM3996, JOINT# 4537
STA. 2114+89, ELEV. 2307.90', XR#SM3997, JOINT# 4538
STA. 2115+31, ELEV. 2306.20', XR#SM3998, JOINT# 4539
STA. 2115+73, ELEV. 2304.20', XR#SM3999, JOINT# 4540
STA. 2116+15, ELEV. 2302.20', XR#SM4000, JOINT# 4541
STA. 2116+57, ELEV. 2301.30', XR#SM4001, JOINT# 4542
STA. 2116+99, ELEV. 2300.80', XR#SM4002, JOINT# 4543
STA. 2117+41, ELEV. 2300.40', XR#SM4003, JOINT# 4544
STA. 2117+84, ELEV. 2300.20', XR#SM4004, JOINT# 4545
STA. 2118+26, ELEV. 2299.90', XR#SM4005, JOINT# 4546
STA. 2118+68, ELEV. 2299.30', XR#SM4006, JOINT# 4547
STA. 2119+10, ELEV. 2299.40', XR#SM4007, JOINT# 4548
STA. 2119+52, ELEV. 2299.50', XR#SM4008, JOINT# 4549
STA. 2119+94, ELEV. 2299.70', XR#SM4009, JOINT# 4464
STA. 2120+36, ELEV. 2300.90', XR#SM4010, JOINT# 4550
STA. 2120+78, ELEV. 2302.80', XR#SM4011, JOINT# 4551
STA. 2121+20, ELEV. 2305.50', XR#SM4012, JOINT# 4552
STA. 2121+62, ELEV. 2308.80', XR#SM4013, JOINT# 4553
STA. 2122+05, ELEV. 2312.00', XR#SM4014, JOINT# 4554
STA. 2122+47, ELEV. 2314.20', XR#SM4015, JOINT# 4555
STA. 2122+87, ELEV. 2314.70', XR#SM4016, JOINT# 4556
STA. 2123+29, ELEV. 2311.70', XR#SM4017, JOINT# 4557
STA. 2123+71, ELEV. 2308.10', XR#SM4018, JOINT# 4558
STA. 2124+14, ELEV. 2306.20', XR#SM4019, JOINT# 4559
STA. 2124+56, ELEV. 2304.20', XR#SM4020, JOINT# 4560
STA. 2124+98, ELEV. 2301.20', XR#SM4021, JOINT# 4561
STA. 2125+40, ELEV. 2298.00', XR#SM4022, JOINT# 4562
STA. 2125+82, ELEV. 2294.80', XR#SM4023, JOINT# 4563
STA. 2126+24, ELEV. 2292.50', XR#SM4024, JOINT# 4564
STA. 2126+66, ELEV. 2291.90', XR#SM4025, JOINT# 4565
STA. 2127+08, ELEV. 2292.30', XR#SM4026, JOINT# 4566
STA. 2127+50, ELEV. 2294.80', XR#SM4027, JOINT# 4567
STA. 2127+92, ELEV. 2298.60', XR#SM4028, JOINT# 4568
STA. 2128+34, ELEV. 2302.80', XR#SM4029, JOINT# 4569
STA. 2128+76, ELEV. 2305.50', XR#SM4030, JOINT# 4570
STA. 2129+19, ELEV. 2307.00', XR#SM4031, JOINT# 4571
STA. 2129+61, ELEV. 2304.50', XR#SM4032, JOINT# 4572
STA. 2130+03, ELEV. 2301.30', XR#SM4033, JOINT# 4573
STA. 2130+45, ELEV. 2298.00', XR#SMT486, JOINT# 4574
STA. 2130+82, ELEV. 2294.80', XR#SMT487, JOINT# 4405
STA. 2130+91, ELEV. 2294.40', XR#SMT48, JOINT# F54
STA. 2130+98, ELEV. 2294.70', XR#SMT489, JOINT# 4404A
STA. 2131+40, ELEV. 2296.60', XR#SM4034, JOINT# 4576
STA. 2131+82, ELEV. 2299.40', XR#SM4035, JOINT# 4577
STA. 2132+24, ELEV. 2303.10', XR#SM4036, JOINT# 4578
STA. 2132+66, ELEV. 2306.90', XR#SM4037, JOINT# 4579
STA. 2133+09, ELEV. 2309.70', XR#SM4038, JOINT# 4580
STA. 2133+51, ELEV. 2310.00', XR#SM4039, JOINT# 4581
STA. 2133+93, ELEV. 2308.80', XR#SM4040, JOINT# 4582
STA. 2134+35, ELEV. 2307.80', XR#SM4041, JOINT# 4583
STA. 2134+77, ELEV. 2306.70', XR#SM4042, JOINT# 4584
STA. 2135+19, ELEV. 2305.50', XR#SM4043, JOINT# 4585
STA. 2135+61, ELEV. 2304.70', XR#SM4044, JOINT# 4586
STA. 2136+03, ELEV. 2304.80', XR#SM4045, JOINT# 4587
STA. 2136+45, ELEV. 2305.20', XR#SM4046, JOINT# 4588
STA. 2136+87, ELEV. 2305.50', XR#SM4047, JOINT# 4589
STA. 2137+30, ELEV. 2305.90', XR#SM4048, JOINT# 4590
STA. 2137+72, ELEV. 2306.80', XR#SM4049, JOINT# 4591
STA. 2138+14, ELEV. 2307.80', XR#SM4050, JOINT# 4592
STA. 2138+56, ELEV. 2307.60', XR#SM4051, JOINT# 4593
STA. 2138+98, ELEV. 2304.80', XR#SM4052, JOINT# 4594
STA. 2139+40, ELEV. 2302.10', XR#SM4053, JOINT# 4595
STA. 2139+82, ELEV. 2301.40', XR#SM4054, JOINT# 4596
STA. 2140+24, ELEV. 2301.40', XR#SM4055, JOINT# 4597
STA. 2140+66, ELEV. 2301.60', XR#SM4056, JOINT# 4598
STA. 2141+08, ELEV. 2302.10', XR#SM4057, JOINT# 4600
STA. 2141+50, ELEV. 2303.20', XR#SM4058, JOINT# 4601
STA. 2141+93, ELEV. 2304.00', XR#SM4059, JOINT# 4602
STA. 2142+35, ELEV. 2304.10', XR#SM4060, JOINT# 4603
STA. 2142+77, ELEV. 2303.20', XR#SM4061, JOINT# 4604
STA. 2143+19, ELEV. 2302.50', XR#SM4062, JOINT# 4605
STA. 2143+61, ELEV. 2302.30', XR#SM4063, JOINT# 4606
STA. 2144+03, ELEV. 2302.60', XR#SM4064, JOINT# 4607
STA. 2144+45, ELEV. 2303.00', XR#SM4065, JOINT# 4608
STA. 2144+87, ELEV. 2303.80', XR#SM4066, JOINT# 4609

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

— — — EXISTING GROUND

- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 166	SHEET No. 66 OF 149 1

OWNERSHIP

2145+00	2154+71	2156+26	2177+50
14430 GARAAS, DANIEL A & CINDY 2114 22ND ST W WILLISTON ND 58801 971.24 FT 58.86 RODS	50825 VANDEBERG, EUGENE C PO BOX 76 EPPING ND 58843 154.81 FT 9.38 RODS	24210 JOHNSRUD, DENNIS L & MAVIS 6121 125TH AVE NW EPPING ND 58843 2123.95 FT 128.72 RODS	

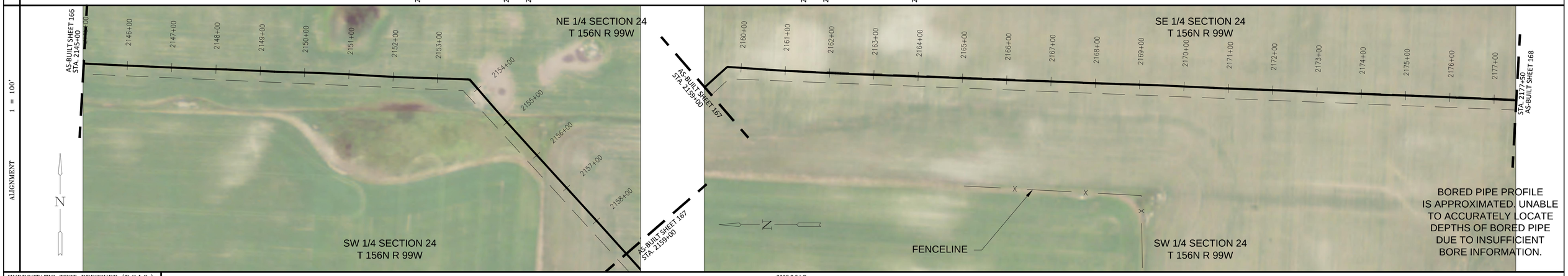
STATIONING

2153+69 P.I. < 5°21'37" RT.
2153+73 P.I. < 36°39'44" RT.
2153+76 P.I. < 5°33'58" RT.
2159+65 P.I. < 7°59'35" RT.
2159+69 P.I. < 35°25'50" RT.
2159+72 P.I. < 2°51'02" RT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



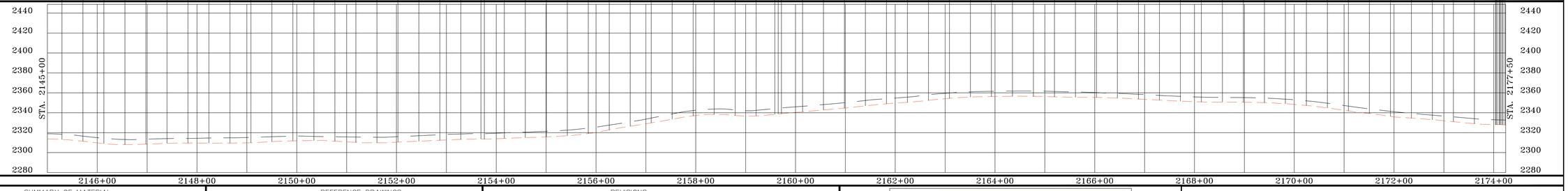
BORED PIPE PROFILE IS APPROXIMATED, UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 2145+29, ELEV. 2305.90', XR#SM4067, JOINT# 4610
STA. 2145+71, ELEV. 2309.10', XR#SM4068, JOINT# 4611
STA. 2146+13, ELEV. 2312.20', XR#SM4069, JOINT# 4612
STA. 2146+56, ELEV. 2313.60', XR#SM4070, JOINT# 4613
STA. 2146+98, ELEV. 2313.60', XR#SM4071, JOINT# 4614
STA. 2147+40, ELEV. 2313.80', XR#SM4072, JOINT# 4615
STA. 2147+82, ELEV. 2313.70', XR#SM4073, JOINT# 4616
STA. 2148+24, ELEV. 2313.70', XR#SM4074, JOINT# 4617
STA. 2148+66, ELEV. 2312.80', XR#SM4075, JOINT# 4618
STA. 2149+08, ELEV. 2310.70', XR#SM4076, JOINT# 4619
STA. 2149+50, ELEV. 2308.40', XR#SM4077, JOINT# 4620
STA. 2149+92, ELEV. 2308.00', XR#SM4078, JOINT# 4621
STA. 2150+34, ELEV. 2308.70', XR#SM4079, JOINT# 4622
STA. 2150+76, ELEV. 2309.50', XR#SM4080, JOINT# 4623
STA. 2151+19, ELEV. 2309.60', XR#SM4081, JOINT# 4624
STA. 2151+61, ELEV. 2309.50', XR#SM4082, JOINT# 4625
STA. 2152+03, ELEV. 2309.60', XR#SM4083, JOINT# 4626
STA. 2152+45, ELEV. 2310.10', XR#SM4084, JOINT# 4627
STA. 2152+87, ELEV. 2311.40', XR#SM4085, JOINT# 4628
STA. 2153+29, ELEV. 2311.90', XR#SM4086, JOINT# 4629
STA. 2153+69, ELEV. 2312.20', XR#SMT490, JOINT# 4630
STA. 2153+76, ELEV. 2312.20', XR#SMT491, JOINT# F55
STA. 2154+16, ELEV. 2311.00', XR#SM4087, JOINT# 4631
STA. 2154+58, ELEV. 2309.90', XR#SM4088, JOINT# 4599
STA. 2155+00, ELEV. 2309.90', XR#SM4089, JOINT# 4632
STA. 2155+42, ELEV. 2310.90', XR#SM4090, JOINT# 4633
STA. 2155+85, ELEV. 2311.80', XR#SM4091, JOINT# 4634
STA. 2156+27, ELEV. 2312.80', XR#SM4092, JOINT# 4635
STA. 2156+69, ELEV. 2313.50', XR#SM4093, JOINT# 4636
STA. 2157+11, ELEV. 2313.60', XR#SM4120, JOINT# 4637
STA. 2157+53, ELEV. 2314.50', XR#SM4094, JOINT# 4638
STA. 2157+95, ELEV. 2315.20', XR#SM4095, JOINT# 4639
STA. 2158+37, ELEV. 2316.00', XR#SM4096, JOINT# 4640
STA. 2158+79, ELEV. 2317.30', XR#SM4097, JOINT# 4641
STA. 2159+21, ELEV. 2319.90', XR#SM4098, JOINT# 4642
STA. 2159+58, ELEV. 2323.60', XR#SMT492, JOINT# 4643
STA. 2159+65, ELEV. 2324.20', XR#SMT493, JOINT# 3938A
STA. 2159+72, ELEV. 2324.80', XR#SMT494, JOINT# F56
STA. 2160+14, ELEV. 2328.10', XR#SM4099, JOINT# 4644
STA. 2160+56, ELEV. 2331.60', XR#SM4100, JOINT# 4645
STA. 2160+98, ELEV. 2335.40', XR#SM4101, JOINT# 4646
STA. 2161+40, ELEV. 2338.00', XR#SM4102, JOINT# 4647
STA. 2161+82, ELEV. 2338.20', XR#SM4103, JOINT# 4648
STA. 2162+24, ELEV. 2336.70', XR#SM4104, JOINT# 4649
STA. 2162+67, ELEV. 2337.50', XR#SM4105, JOINT# 4650
STA. 2163+09, ELEV. 2339.70', XR#SM4106, JOINT# 4651
STA. 2163+51, ELEV. 2341.50', XR#SM4107, JOINT# 4652
STA. 2163+93, ELEV. 2343.30', XR#SM4108, JOINT# 4653
STA. 2164+35, ELEV. 2345.20', XR#SM4109, JOINT# 4654
STA. 2164+77, ELEV. 2347.60', XR#SM4110, JOINT# 4655
STA. 2165+19, ELEV. 2349.50', XR#SM4111, JOINT# 4656
STA. 2165+61, ELEV. 2350.90', XR#SM4112, JOINT# 4657
STA. 2166+03, ELEV. 2353.10', XR#SM4113, JOINT# 4658
STA. 2166+46, ELEV. 2355.00', XR#SM4114, JOINT# 4659
STA. 2166+88, ELEV. 2356.00', XR#SM4115, JOINT# 4660
STA. 2167+30, ELEV. 2356.40', XR#SM4116, JOINT# 4661
STA. 2167+72, ELEV. 2356.60', XR#SM4117, JOINT# 4662
STA. 2168+14, ELEV. 2356.40', XR#SM4121, JOINT# 4663
STA. 2168+56, ELEV. 2355.80', XR#SM4122, JOINT# 4664
STA. 2168+98, ELEV. 2355.50', XR#SM4123, JOINT# 4665
STA. 2169+40, ELEV. 2355.30', XR#SM4124, JOINT# 4666
STA. 2169+82, ELEV. 2354.60', XR#SM4125, JOINT# 4667
STA. 2170+24, ELEV. 2353.50', XR#SM4126, JOINT# 4668
STA. 2170+66, ELEV. 2352.40', XR#SM4127, JOINT# 4669
STA. 2171+09, ELEV. 2351.40', XR#SM4128, JOINT# 4670
STA. 2171+51, ELEV. 2350.70', XR#SM4129, JOINT# 4671
STA. 2171+93, ELEV. 2350.70', XR#SM4130, JOINT# 4672
STA. 2172+35, ELEV. 2350.50', XR#SM4131, JOINT# 4673
STA. 2172+77, ELEV. 2350.00', XR#SM4132, JOINT# 4674
STA. 2173+19, ELEV. 2348.70', XR#SM4133, JOINT# 4675
STA. 2173+61, ELEV. 2346.80', XR#SM4134, JOINT# 4676
STA. 2174+03, ELEV. 2344.10', XR#SM4135, JOINT# 4677
STA. 2174+45, ELEV. 2341.00', XR#SM4136, JOINT# 4678
STA. 2174+88, ELEV. 2336.60', XR#SM4137, JOINT# 4679
STA. 2175+30, ELEV. 2335.70', XR#SM4138, JOINT# 4680
STA. 2175+72, ELEV. 2334.30', XR#SM4139, JOINT# 4681
STA. 2176+14, ELEV. 2332.60', XR#SM4140, JOINT# 4682
STA. 2176+56, ELEV. 2330.50', XR#SM4141, JOINT# 4683
STA. 2176+98, ELEV. 2328.60', XR#SM4142, JOINT# 4684
STA. 2177+40, ELEV. 2328.10', XR#SM4143, JOINT# 4685

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
— — — EXISTING GROUND
- - - - - TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 167	SHEET No. 67 OF 149 1

OWNERSHIP

2177+50	2182+67	2197+13	2210+00
24210 JOHNSRUD, DENNIS L & MAVIS 6121 125TH AVE NW EPPING ND 58843 520.55 FT 31.55 RODS	18425 HAUG, LARRY J & DORINNE J 1106 E 4TH AVE WILLISTON ND 58801 1442.92 FT 87.45 RODS	50825 VANDEBERG, EUGENE C PO BOX 76 EPPING ND 58843 1286.53 FT 77.97 RODS	

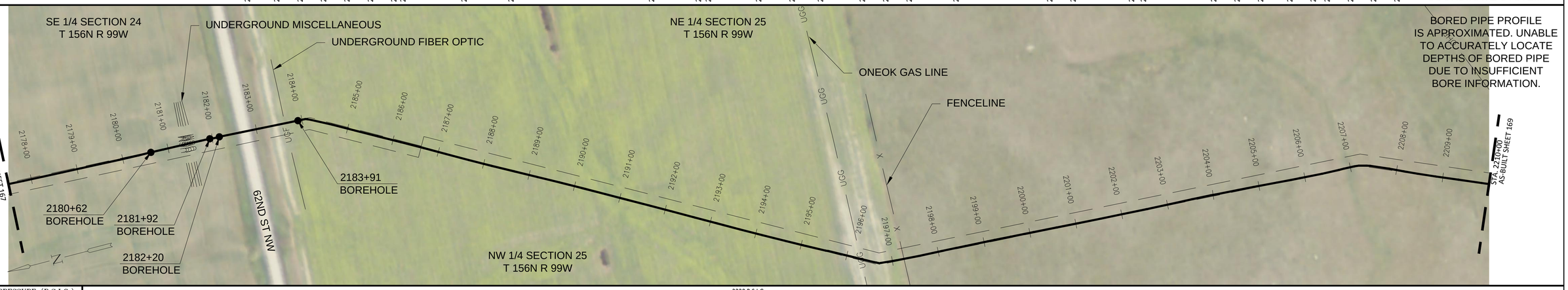
STATIONING

2180+62 BOREHOLE
2181+32 UNDERGROUND MISC
2181+37 UNDERGROUND MISC
2181+42 UNDERGROUND MISC
2181+48 UNDERGROUND MISC
2181+53 UNDERGROUND MISC
2181+92 P.I. < 4°49'08" RT.
2181+92 BOREHOLE
2182+02 VALVE
2182+08 P.I. < 6°48'45" LT.
2182+18 P.I. < 2°46'00" RT.
2182+19 VALVE
2182+20 BOREHOLE
2183+04 TEST STATION
2183+62 UNDERGROUND FIBER OPTIC
2183+91 BOREHOLE
2184+06 P.I. < 7°25'06" RT.
2184+09 P.I. < 11°04'16" RT.
2184+11 P.I. < 2°42'12" RT.
2184+18 P.I. < 3°32'03" RT.
2195+54 P.I. < 6°01'44" LT.
2195+59 P.I. < 6°16'59" RT.
2196+31 ONEOK GAS LINE
2196+59 P.I. < 3°35'14" LT.
2196+69 P.I. < 3°42'01" RT.
2196+72 P.I. < 28°55'15" LT.
2196+74 P.I. < 3°49'00" RT.
2203+96 P.I. < 3°11'40" RT.
2204+05 P.I. < 2°33'50" LT.
2206+85 P.I. < 2°05'58" RT.
2207+09 P.I. < 4°49'19" RT.
2207+18 P.I. < 7°30'02" RT.
2207+35 P.I. < 2°58'09" RT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

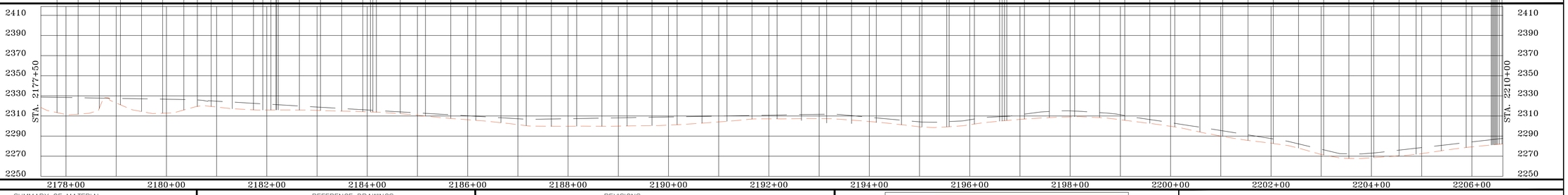


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 2177+82, ELEV. 2326.90', XR#SM4144, JOINT# 4686
STA. 2178+24, ELEV. 2326.00', XR#SM4145, JOINT# 4687
STA. 2178+66, ELEV. 2326.10', XR#SM4146, JOINT# 4688
STA. 2179+08, ELEV. 2326.10', XR#SM4147, JOINT# 4689
STA. 2179+51, ELEV. 2325.80', XR#SM4148, JOINT# 4690
STA. 2179+93, ELEV. 2325.30', XR#SM4149, JOINT# 4691
STA. 2180+35, ELEV. 2324.00', XR#SMT496, JOINT# 4692
STA. 2180+62, ELEV. 2321.80', XR#SMT493, JOINT# 4693
STA. 2180+89, ELEV. 2315.51', XR#SMB465, JOINT# 4694BR
STA. 2181+31, ELEV. 2311.00', XR#SMB464, JOINT# 4695BR
STA. 2181+73, ELEV. 2312.69', XR#SMB463, JOINT# 4696BR
STA. 2181+92, ELEV. 2315.40', XR#NONE, JOINT# NONE
STA. 2182+08, ELEV. 2327.50', XR#NONE, JOINT# NONE
STA. 2182+16, ELEV. 2326.00', XR#NONE, JOINT# V1-5
STA. 2182+20, ELEV. 2325.90', XR#NONE, JOINT# V4-T1
STA. 2182+23, ELEV. 2325.07', XR#NONE, JOINT# NONE
STA. 2182+65, ELEV. 2316.30', XR#SMB461, JOINT# 4698BR
STA. 2183+07, ELEV. 2312.34', XR#SMB460, JOINT# 4699BR
STA. 2183+49, ELEV. 2313.25', XR#SMB459, JOINT# 4700BR
STA. 2183+91, ELEV. 2319.00', XR#SMT498, JOINT# 4701BR
STA. 2184+06, ELEV. 2320.40', XR#SMT499, JOINT# 4693
STA. 2184+11, ELEV. 2320.30', XR#SMT500, JOINT# F57
STA. 2184+18, ELEV. 2319.80', XR#SMT501, JOINT# 4575A
STA. 2184+66, ELEV. 2318.97', XR#SM-1, JOINT# M501
STA. 2185+16, ELEV. 2316.75', XR#SM-2, JOINT# M368
STA. 2185+66, ELEV. 2316.00', XR#SM-3, JOINT# M369
STA. 2186+16, ELEV. 2315.90', XR#SM-4, JOINT# M445
STA. 2186+66, ELEV. 2315.00', XR#SM-5, JOINT# M395
STA. 2187+17, ELEV. 2314.50', XR#SM-6, JOINT# M728
STA. 2187+67, ELEV. 2313.50', XR#SM-7, JOINT# M482
STA. 2188+17, ELEV. 2311.70', XR#SM-8, JOINT# M175
STA. 2188+67, ELEV. 2309.00', XR#SM-9, JOINT# M451
STA. 2189+18, ELEV. 2306.90', XR#SM-10, JOINT# M415
STA. 2189+67, ELEV. 2305.10', XR#SM-11, JOINT# M333
STA. 2190+17, ELEV. 2302.50', XR#SM-12, JOINT# M372
STA. 2190+67, ELEV. 2299.90', XR#SM-13, JOINT# M441
STA. 2191+17, ELEV. 2299.70', XR#SM-14, JOINT# M243
STA. 2191+66, ELEV. 2299.90', XR#SM-15, JOINT# M393
STA. 2192+16, ELEV. 2299.70', XR#SM-16, JOINT# M160
STA. 2192+65, ELEV. 2300.20', XR#SM 17, JOINT# M489
STA. 2193+15, ELEV. 2300.50', XR#SM 18, JOINT# M066
STA. 2193+65, ELEV. 2301.60', XR#SM 19, JOINT# M058
STA. 2194+14, ELEV. 2303.30', XR#SM 20, JOINT# M506
STA. 2194+64, ELEV. 2305.20', XR#SM 21, JOINT# M512
STA. 2195+05, ELEV. 2307.10', XR#SM 22, JOINT# M412
STA. 2195+54, ELEV. 2307.20', XR#SMT-5, JOINT# M464
STA. 2195+59, ELEV. 2307.10', XR#SMT-5, JOINT# M440
STA. 2196+09, ELEV. 2305.10', XR#SM-23, JOINT# M399
STA. 2196+59, ELEV. 2305.07', XR#SM-24, JOINT# M464
STA. 2196+64, ELEV. 2303.48', XR#SMT-4, JOINT# M464
STA. 2196+69, ELEV. 2303.46', XR#SMT-3, JOINT# 86575
STA. 2196+74, ELEV. 2303.43', XR#SMT-2, JOINT# M464
STA. 2197+09, ELEV. 2302.90', XR#SMT-1, JOINT# M467
STA. 2197+59, ELEV. 2303.60', XR#SM-25, JOINT# M278
STA. 2198+09, ELEV. 2303.40', XR#SM-26, JOINT# M330
STA. 2198+59, ELEV. 2298.60', XR#SM-27, JOINT# M402
STA. 2199+09, ELEV. 2299.80', XR#SM-28, JOINT# M353
STA. 2199+59, ELEV. 2303.00', XR#SM-29, JOINT# M244
STA. 2200+08, ELEV. 2305.50', XR#SM-30, JOINT# M187
STA. 2200+58, ELEV. 2307.40', XR#SM-31, JOINT# M127
STA. 2201+04, ELEV. 2308.70', XR#SM-32, JOINT# M444
STA. 2201+54, ELEV. 2309.30', XR#SM-33, JOINT# M389
STA. 2202+05, ELEV. 2308.20', XR#SM-34, JOINT# M473
STA. 2202+55, ELEV. 2305.10', XR#SM-35, JOINT# M457
STA. 2203+05, ELEV. 2302.00', XR#SM-36, JOINT# M422
STA. 2203+55, ELEV. 2298.40', XR#SM-37, JOINT# M471
STA. 2204+05, ELEV. 2293.00', XR#SM-38, JOINT# M250
STA. 2204+55, ELEV. 2288.40', XR#SM-39, JOINT# M021
STA. 2204+89, ELEV. 2285.80', XR#SM-40, JOINT# M031
STA. 2205+39, ELEV. 2282.80', XR#SM-41, JOINT# M177
STA. 2205+89, ELEV. 2278.50', XR#SM-42, JOINT# M090
STA. 2206+38, ELEV. 2274.44', XR#SM-43, JOINT# M368
STA. 2206+85, ELEV. 2267.90', XR#SM-44, JOINT# M051
STA. 2207+35, ELEV. 2268.30', XR#SM-45, JOINT# M276
STA. 2209+34, ELEV. 2279.10', XR#SM-50, JOINT# M340
STA. 2209+84, ELEV. 2281.50', XR#SM-51, JOINT# M107

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	2,948 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	302 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 168	SHEET No. 68 OF 149

OWNERSHIP

2210+00	50825 VANDEBERG, EUGENE C PO BOX 76 EPPING ND 58843 1402.06 FT 84.97 RODS	2224+02	50825 VANDEBERG, EUGENE C PO BOX 76 EPPING ND 58843 1363.03 FT 82.61 RODS	2237+65	46455 STATE OF NORTH DAKOTA STATE CAPITOL BUILDING BISMARCK ND 58505 485.23 FT 29.41 RODS	2242+50

STATIONING

2211+77 OVERHEAD ELECTRIC
2211+85 P.I. < 2°08'53" LT.
2212+86 P.I. < 2°50'52" LT.
2213+04 P.I. < 17°10'03" LT.
2213+35 P.I. < 4°16'07" LT.
2218+31 P.I. < 2°09'40" LT.
2218+37 P.I. < 2°40'27" RT.
2220+60 P.I. < 13°29'26" LT.
2223+29 P.I. < 2°33'26" LT.
2223+35 P.I. < 2°15'18" RT.
2225+49 P.I. < 5°05'08" RT.
2225+61 P.I. < 5°11'29" RT.
2225+74 P.I. < 10°12'08" RT.
2226+10 P.I. < 2°51'59" RT.
2237+83 TEST STATION
2238+36 P.I. < 5°38'41" RT.
2238+78 P.I. < 4°29'11" RT.
2239+62 P.I. < 3°53'48" LT.

VERTICAL DATUM IS BASED ON THE NAD 83 (2011)

BEARINGS SHOWN HEREON ARE CORRELATED TO THE NORTH DAKOTA NORTH STATE PLANE COORDINATE SYSTEM.

ALIGNMENT 1 = 100'



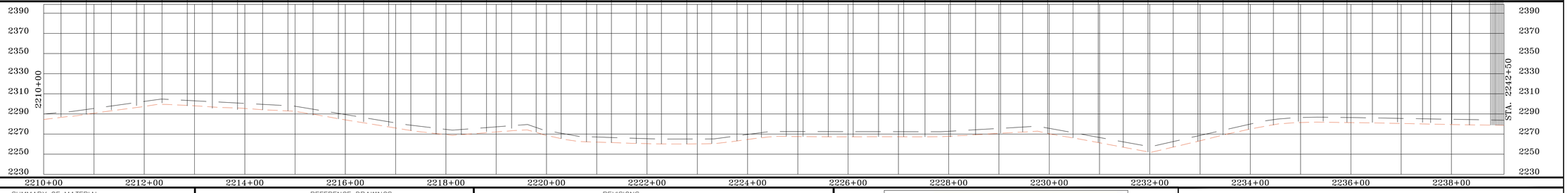
BORED PIPE PROFILE IS APPROXIMATED. UNABLE TO ACCURATELY LOCATE DEPTHS OF BORED PIPE DUE TO INSUFFICIENT BORE INFORMATION.

HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 2210+35, ELEV. 2284.00', XR#SM-52, JOINT#, M236
STA. 2210+85, ELEV. 2286.80', XR#SM-53, JOINT#, M346
STA. 2211+35, ELEV. 2290.60', XR#SM-54, JOINT#, M044
STA. 2211+85, ELEV. 2294.00', XR#SM-55, JOINT#, M152
STA. 2212+35, ELEV. 2293.40', XR#SM-56, JOINT#, M355
STA. 2212+86, ELEV. 2289.60', XR#SM-57, JOINT#, M636
STA. 2213+35, ELEV. 2286.80', XR#SM-58, JOINT#, M312
STA. 2213+85, ELEV. 2287.30', XR#SM-59, JOINT#, M055
STA. 2214+35, ELEV. 2292.99', XR#SM-60, JOINT#, M095
STA. 2214+86, ELEV. 2295.10', XR#SM-61, JOINT#, M094
STA. 2215+36, ELEV. 2299.20', XR#SM-62, JOINT#, M159
STA. 2215+86, ELEV. 2300.50', XR#SM-63, JOINT#, M088
STA. 2216+36, ELEV. 2297.30', XR#SM-64, JOINT#, M1759
STA. 2216+86, ELEV. 2295.10', XR#SM-65, JOINT#, M272
STA. 2217+30, ELEV. 2294.10', XR#SM-66, JOINT#, M344
STA. 2217+80, ELEV. 2294.00', XR#SM-67, JOINT#, M356
STA. 2218+31, ELEV. 2292.90', XR#SM-68, JOINT#, M217
STA. 2218+81, ELEV. 2291.70', XR#SM-69, JOINT#, M376
STA. 2219+31, ELEV. 2284.80', XR#SM-70, JOINT#, M201
STA. 2219+80, ELEV. 2282.00', XR#SM-71, JOINT#, M166
STA. 2220+29, ELEV. 2277.70', XR#SM-72, JOINT#, M282
STA. 2220+80, ELEV. 2272.80', XR#SM-73, JOINT#, M347
STA. 2221+29, ELEV. 2269.30', XR#SM-74, JOINT#, M247
STA. 2221+79, ELEV. 2269.70', XR#SM-75, JOINT#, M379
STA. 2222+29, ELEV. 2276.27', XR#SM-76, JOINT#, M159
STA. 2222+79, ELEV. 2276.10', XR#SM-77, JOINT#, M349
STA. 2223+29, ELEV. 2270.60', XR#SM-78, JOINT#, M316
STA. 2223+79, ELEV. 2264.60', XR#SM-79, JOINT#, M225
STA. 2224+28, ELEV. 2262.20', XR#SM-80, JOINT#, M152
STA. 2224+77, ELEV. 2261.50', XR#SM-81, JOINT#, M008
STA. 2225+10, ELEV. 2260.80', XR#SM-82, JOINT#, M384
STA. 2225+61, ELEV. 2260.30', XR#SM-83, JOINT#, M083
STA. 2226+10, ELEV. 2260.10', XR#SM-84, JOINT#, M188
STA. 2226+60, ELEV. 2260.40', XR#SM-85, JOINT#, M232
STA. 2227+11, ELEV. 2265.60', XR#SM-86, JOINT#, M226
STA. 2227+53, ELEV. 2268.17', XR#SM-87, JOINT#, M2947
STA. 2228+03, ELEV. 2268.40', XR#SM-88, JOINT#, M410
STA. 2228+53, ELEV. 2266.50', XR#SM-89, JOINT#, M034
STA. 2229+03, ELEV. 2266.44', XR#SM-90, JOINT#, M006
STA. 2229+47, ELEV. 2266.38', XR#SM-91, JOINT#, M334
STA. 2229+97, ELEV. 2266.32', XR#SM-92, JOINT#, M339
STA. 2230+47, ELEV. 2266.06', XR#SM-93, JOINT#, M373
STA. 2230+98, ELEV. 2266.00', XR#SM-94, JOINT#, M096
STA. 2231+47, ELEV. 2267.10', XR#SM-95, JOINT#, M047
STA. 2231+96, ELEV. 2269.30', XR#SM-96, JOINT#, M210
STA. 2232+47, ELEV. 2272.32', XR#SM-97, JOINT#, M296
STA. 2232+96, ELEV. 2272.10', XR#SM-98, JOINT#, M332
STA. 2233+46, ELEV. 2272.12', XR#SM099, JOINT#, M039
STA. 2233+96, ELEV. 2266.14', XR#SM 100, JOINT#, M358
STA. 2234+46, ELEV. 2261.99', XR#SM 101, JOINT#, M308
STA. 2234+96, ELEV. 2257.67', XR#SM-102, JOINT#, M285
STA. 2235+45, ELEV. 2251.80', XR#SM-103, JOINT#, M015
STA. 2235+92, ELEV. 2251.80', XR#SM104, JOINT#, M496
STA. 2236+43, ELEV. 2261.50', XR#SM106, JOINT#, M025
STA. 2236+93, ELEV. 2270.11', XR#SM107, JOINT#, M311
STA. 2237+43, ELEV. 2274.32', XR#SM105, JOINT#, M413
STA. 2237+59, ELEV. 2275.30', XR#SMT504, JOINT#, 110
STA. 2238+01, ELEV. 2280.10', XR#SMT505, JOINT#, 4702
STA. 2238+36, ELEV. 2282.50', XR#SM4150, JOINT#, 4703
STA. 2238+78, ELEV. 2283.10', XR#SM4151, JOINT#, 4704
STA. 2239+20, ELEV. 2281.90', XR#SM4152, JOINT#, 4705
STA. 2239+62, ELEV. 2281.30', XR#SM4153, JOINT#, 4706
STA. 2240+04, ELEV. 2281.80', XR#SM4154, JOINT#, 4707
STA. 2240+46, ELEV. 2281.90', XR#SM4155, JOINT#, 4708
STA. 2240+88, ELEV. 2281.60', XR#SM4156, JOINT#, 4709
STA. 2241+30, ELEV. 2280.60', XR#SM4157, JOINT#, 4710
STA. 2241+73, ELEV. 2279.20', XR#SM4158, JOINT#, 4711
STA. 2242+15, ELEV. 2278.00', XR#SM4159, JOINT#, 4712

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND
EXISTING GROUND
TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 169	SHEET No. 69 OF 149 (1)

OWNERSHIP

2242+50 — 2264+04

46455
STATE OF NORTH DAKOTA
STATE CAPITOL BUILDING
BISMARCK ND 58505
2154.25 FT
130.56 RODS

2264+04 — 2275+00

46455
STATE OF NORTH DAKOTA
STATE CAPITOL BUILDING
BISMARCK ND 58505
1095.75 FT
66.41 RODS

STATIONING

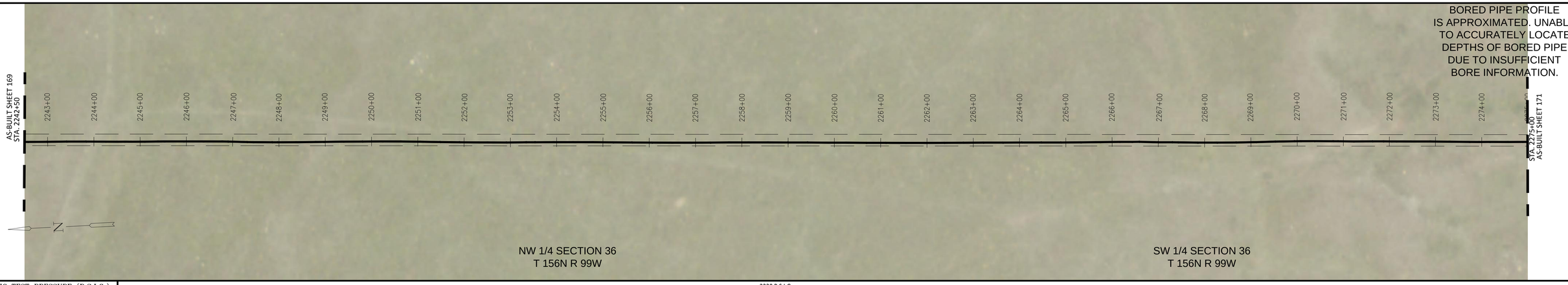
2266+58 P.I. < 2°17'51" RT.

VERTICAL DATUM
IS BASED ON THE
NAD 83 (2011)

BEARINGS SHOWN HEREON
ARE CORRELATED TO
THE NORTH DAKOTA
NORTH STATE PLANE
COORDINATE SYSTEM.

ALIGNMENT 1 = 100'

BORED PIPE PROFILE
IS APPROXIMATED. UNABLE
TO ACCURATELY LOCATE
DEPTHS OF BORED PIPE
DUE TO INSUFFICIENT
BORE INFORMATION.

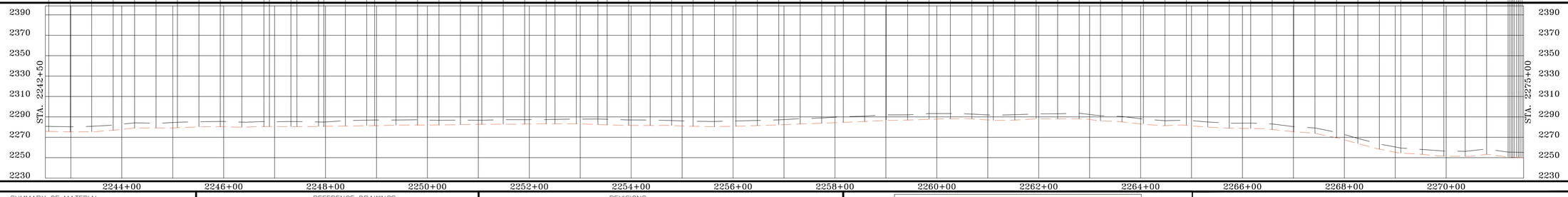


HYDROSTATIC TEST PRESSURE (P.S.I.G.)	2220 P.S.I.G.
M.A.O.P. (P.S.I.G.)	1440 P.S.I.G. @125°F
PNEUMATIC/NITROGEN TEST PRESSURE (P.S.I.G.)	1628 P.S.I.G.

AS-BUILT DATA

STA. 2242+57, ELEV. 2277.10', XR#SM4160, JOINT# 4713
STA. 2242+99, ELEV. 2277.10', XR#SM4161, JOINT# 4714
STA. 2243+41, ELEV. 2276.20', XR#SM4162, JOINT# 4715
STA. 2243+83, ELEV. 2274.60', XR#SM4163, JOINT# 4716
STA. 2244+25, ELEV. 2272.30', XR#SM4164, JOINT# 4717
STA. 2244+67, ELEV. 2270.80', XR#SM4165, JOINT# 4718
STA. 2245+09, ELEV. 2272.30', XR#SM4166, JOINT# 4719
STA. 2245+51, ELEV. 2275.00', XR#SM4167, JOINT# 4720
STA. 2245+93, ELEV. 2276.80', XR#SM4168, JOINT# 4721
STA. 2246+35, ELEV. 2277.60', XR#SM4169R, JOINT# 4722
STA. 2246+79, ELEV. 2278.20', XR#SM4170, JOINT# 3550A
STA. 2246+90, ELEV. 2278.20', XR#SM4171, JOINT# 3568A
STA. 2247+32, ELEV. 2278.50', XR#SM4172, JOINT# 4724
STA. 2247+44, ELEV. 2278.70', XR#SM4173, JOINT# 3573A
STA. 2247+86, ELEV. 2279.00', XR#SM4174, JOINT# 4725
STA. 2247+97, ELEV. 2279.10', XR#SM4175, JOINT# 3597A
STA. 2248+39, ELEV. 2280.20', XR#SM4176, JOINT# 4726
STA. 2248+81, ELEV. 2281.20', XR#SM4177, JOINT# 4727
STA. 2248+96, ELEV. 2281.30', XR#SM4178, JOINT# 3580A
STA. 2249+38, ELEV. 2281.30', XR#SM4179, JOINT# 4728
STA. 2249+81, ELEV. 2280.90', XR#SM4180, JOINT# 4729
STA. 2250+23, ELEV. 2280.60', XR#SM4181, JOINT# 4730
STA. 2250+65, ELEV. 2280.40', XR#SM4182, JOINT# 4731
STA. 2251+07, ELEV. 2280.50', XR#SM4183, JOINT# 4732
STA. 2251+49, ELEV. 2280.80', XR#SM4184, JOINT# 4733
STA. 2251+91, ELEV. 2281.10', XR#SM4185, JOINT# 4734
STA. 2252+33, ELEV. 2281.40', XR#SM4186, JOINT# 4735
STA. 2252+50, ELEV. 2281.40', XR#SM4187, JOINT# 3516A
STA. 2252+92, ELEV. 2282.00', XR#SM4188, JOINT# 4723
STA. 2253+35, ELEV. 2282.00', XR#SM4189, JOINT# 4736
STA. 2253+53, ELEV. 2282.00', XR#SM4190, JOINT# 3556A
STA. 2253+95, ELEV. 2282.20', XR#SM4191, JOINT# 4737
STA. 2254+37, ELEV. 2282.70', XR#SM4192, JOINT# 4738
STA. 2254+79, ELEV. 2282.80', XR#SM4193, JOINT# 4739
STA. 2255+21, ELEV. 2282.80', XR#SM4194, JOINT# 4740
STA. 2255+64, ELEV. 2283.20', XR#SM4195, JOINT# 4741
STA. 2256+06, ELEV. 2283.20', XR#SM4196, JOINT# 4742
STA. 2256+48, ELEV. 2283.20', XR#SM4197, JOINT# 4743
STA. 2256+90, ELEV. 2283.30', XR#SM4198, JOINT# 4744
STA. 2257+32, ELEV. 2283.40', XR#SM4199, JOINT# 4745
STA. 2257+74, ELEV. 2283.10', XR#SM4200, JOINT# 4746
STA. 2258+16, ELEV. 2282.90', XR#SM4201, JOINT# 4747
STA. 2258+58, ELEV. 2282.80', XR#SM4202, JOINT# 4748
STA. 2259+00, ELEV. 2282.30', XR#SM4203, JOINT# 4749
STA. 2259+43, ELEV. 2282.10', XR#SM4204, JOINT# 4750
STA. 2259+85, ELEV. 2282.40', XR#SM4205, JOINT# 4751
STA. 2260+27, ELEV. 2283.20', XR#SM4206, JOINT# 4752
STA. 2260+69, ELEV. 2284.01', XR#SM4207, JOINT# 4753
STA. 2261+11, ELEV. 2285.10', XR#SM4208, JOINT# 4754
STA. 2261+53, ELEV. 2285.70', XR#SM4209, JOINT# 4755
STA. 2261+95, ELEV. 2286.50', XR#SM4210, JOINT# 4756
STA. 2262+37, ELEV. 2287.10', XR#SM4211, JOINT# 4757
STA. 2262+79, ELEV. 2287.50', XR#SM4212, JOINT# 4758
STA. 2263+21, ELEV. 2287.90', XR#SM4213, JOINT# 4759
STA. 2263+64, ELEV. 2288.20', XR#SM4214, JOINT# 4760
STA. 2264+06, ELEV. 2288.30', XR#SM4215, JOINT# 4761
STA. 2264+48, ELEV. 2287.70', XR#SM4216, JOINT# 4762
STA. 2264+90, ELEV. 2288.00', XR#SM4217, JOINT# 4763
STA. 2265+32, ELEV. 2288.40', XR#SM4218, JOINT# 4764
STA. 2265+74, ELEV. 2289.10', XR#SM4219, JOINT# 4765
STA. 2266+16, ELEV. 2289.30', XR#SM4220, JOINT# 4766
STA. 2266+58, ELEV. 2287.80', XR#SM4221, JOINT# 4767
STA. 2267+01, ELEV. 2285.60', XR#SM4222, JOINT# 4768
STA. 2267+42, ELEV. 2283.40', XR#SM4223, JOINT# 4769
STA. 2267+85, ELEV. 2282.40', XR#SM4224, JOINT# 4770
STA. 2268+27, ELEV. 2282.10', XR#SM4225, JOINT# 4771
STA. 2268+69, ELEV. 2281.60', XR#SM4226, JOINT# 4772
STA. 2269+11, ELEV. 2280.80', XR#SM4227, JOINT# 4773
STA. 2269+53, ELEV. 2280.60', XR#SM4228, JOINT# 4774
STA. 2269+95, ELEV. 2280.10', XR#SM4229, JOINT# 4775
STA. 2270+37, ELEV. 2278.30', XR#SM4230, JOINT# 4776
STA. 2270+79, ELEV. 2275.80', XR#SM4231, JOINT# 4777
STA. 2271+22, ELEV. 2271.70', XR#SM4232, JOINT# 4778
STA. 2271+64, ELEV. 2267.00', XR#SM4233, JOINT# 4779
STA. 2272+06, ELEV. 2263.90', XR#SM4234, JOINT# 4780
STA. 2272+48, ELEV. 2262.30', XR#SM4235, JOINT# 4781
STA. 2272+90, ELEV. 2259.31', XR#SM4236, JOINT# 4782
STA. 2273+32, ELEV. 2256.45', XR#SM4237, JOINT# 4783
STA. 2273+74, ELEV. 2252.00', XR#SM4248, JOINT# 4784
STA. 2274+16, ELEV. 2253.10', XR#SM4249, JOINT# 4785
STA. 2274+58, ELEV. 2247.90', XR#SM4250, JOINT# 4786

PROFILE 1 = 100' 1 = 50'



PROFILE LEGEND

EXISTING GROUND

TOP OF PIPE

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
1	8" ERW API 5L X-56 PSL1 FBE	3,250 FT
2	8" ERW API 5L X-56 PSL1 FBE & ARO*	0 FT*
TOTAL		3,250 FT

REFERENCE DRAWINGS

DWG. NO.	TITLE
	*CALCULATED BORE

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

SUMMIT MIDSTREAM

PETROLEUM FIELD SERVICES

MEADOWLARK SM LATERAL

AS-BUILT SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JWJ	CREATION DATE: 3/1/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 3/18/14	
SCALE: 1 = 100'	DWG. No.: 170	SHEET No. 70 OF 149 (1)

| | | |

As-Built Centerline

Created By	Date Created	Pipe Name	Diameter	Wall Thickness SDR	Grade/Resin	Material	Commodity	3D Length (Ft)	3D Length (Mi)
SNC	3/4/2014	SM LATERAL	8"	0.322	X56	STEEL	OIL	230843.05	43.72

As-Built Valves

Type	Function	Manufacturer	Size	ANSI	Valve #	Serial #	Latitude	Longitude	Comment
BALL	ISOLATION	BALON	8"	600	8F-T63CN-RF	034W1	48.663227	103.601719	86TH ST VALVE
BALL	ISOLATION	BALON	8"	600	8F-T63CN-RF	034W7	48.663221	103.601727	86TH ST FUTURE VALVE
BALL	ISOLATION	BALON	8"	600	8F-T63CN-RF	034WB	48.575644	103.501336	HWY 50 VALVE
BALL	ISOLATION	BALON	8"	600	8F-T63CN-RF	034W4	48.575640	103.501325	HWY 50 FUTURE VALVE
BALL	ISOLATION	BALON	8"	600	8F-T63CN-RF	034W5	48.372823	103.387765	66TH ST VALVE
BALL	ISOLATION	BALON	8"	600	8F-T63CN-RF	034W3	48.372821	103.387753	66TH ST FUTURE VALVE
BALL	ISOLATION	BALON	8"	600	8F-T63CN-RF	03CPT	48.313775	103.354876	62ND ST FUTURE VALVE

As-Built Launchers/Receivers

L/R	Size	Serial #	Latitude	Longitude
96TH ST PIG LAUNCHER	12"	N/A	48.805514	103.617944
96TH ST PIG VALVE	8"	1204139-423	48.805495	103.617944
96TH ST PIG VALVE	8"	03CPR	48.805479	103.617944
96TH ST PIG VALVE	8"	1204139-411	48.805489	103.617954
96TH ST PIG VALVE	8"	03CP0	48.805489	103.617971
96TH ST PIG VALVE	4"	N/A	48.805511	103.617951
73RD ST PIG LAUNCHER	12"	N/A	48.475436	103.460937
73RD ST PIG RECEIVER	18"	N/A	48.475472	103.460936
73RD ST PIG RECEIVER	18"	N/A	48.475515	103.460932
73RD ST PIG VALVE	8"	6130544	48.475516	103.461002
73RD ST PIG VALVE	8"	033KN	48.475517	103.461015
73RD ST PIG VALVE	8"	6130522	48.475526	103.461005
73RD ST PIG VALVE	8"	034WT	48.475543	103.460997
73RD ST PIG VALVE	4"	6130176	48.475528	103.460937
73RD ST PIG VALVE	4"	6130153	48.475526	103.460938
73RD ST PIG VALVE	8"	3130321	48.475474	103.461007
73RD ST PIG VALVE	8"	042AA	48.475475	103.461020
73RD ST PIG VALVE	8"	3130324	48.475484	103.461008
73RD ST PIG VALVE	8"	1163694	48.475500	103.461001
73RD ST PIG VALVE	4"	3130205	48.475486	103.460942
73RD ST PIG VALVE	4"	3130204	48.475484	103.460941
73RD ST PIG VALVE	8"	034WU	48.475455	103.460973
73RD ST PIG VALVE	8"	6130535	48.475443	103.460974
73RD ST PIG VALVE	4"	6130161	48.475441	103.460940
73RD ST PIG VALVE	8"	6130536	48.475437	103.460965
73RD ST PIG VALVE	8"	033KP	48.475437	103.460993
EPPING PIG RECEIVER	18"	N/A	48.282196	103.354015
EPPING PIG VALVE	8"	1205191-0033	48.282244	103.354017
EPPING PIG VALVE	8"	1204139-410	48.282246	103.354002
EPPING PIG VALVE	4"	N/A	48.282200	103.353999
EPPING PIG VALVE	8"	034W6	48.282241	103.353976

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 172	SHEET No. 72 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	257	NC0746-12		SM283	0.322		0+00.0			8 IN	X56	XR	48.805280	103.617948	2296.90	2290.40	6.50	FBE	49.8		NC0743-23			
3/4/2014	256	NC0743-23	49.8	SM284	0.322		0+49.8		49.8	8 IN	X56	XR	48.805144	103.617951	2297.50	2292.40	5.10	FBE	50.1		SC1207-5	NC0746-12		
3/4/2014	255	SC1207-5	50.1	SMT724	0.322		0+99.9		99.9	8 IN	X56	XR	48.805006	103.617956	2298.20	2293.10	5.10	FBE	41.3	49.8	D48765	NC0743-23		
3/4/2014	258BR	D48765	41.3	SMB52	0.322	NOT BORE, BUT USED IN OPEN TRENCH	1+41.2		141.2	8 IN	X56	XR	48.804893	103.617963	2298.50	2292.30	6.20	ARO	17.1	50.1	D48765	SC1207-5		
3/4/2014	259BRA	D48765	17.1	SMT726	0.322	NOT BORE, BUT USED IN OPEN TRENCH	1+58.3	P.I. < 13°12'57" RT.	158.3	8 IN	X56	XR	48.804846	103.617966	2298.50	2292.00	6.50	ARO	9.4	41.3	C26266	D48765		
3/4/2014	F70	C26266	9.4	SMT725	0.322		1+67.7	P.I. < 14°01'09" RT.	167.7	8 IN	X56	XR	48.804831	103.617990	2298.50	2291.20	7.30	FBE	24.0	17.1	D48765	D48765		
3/4/2014	259BR	D48765	24.0	SMB50		CALCULATED BORE	1+91.7		191.7		X56	XR	48.804832	103.618088	2297.83	2287.41	10.42	ARO	41.1	9.4	D48765	C26266		NOTE 1
3/4/2014	260BR	D48765	41.1	SMB48		CALCULATED BORE	2+32.8		232.8		X56	XR	48.804832	103.618258	2290.66	2282.12	8.54	ARO	41.2	24.0	D48765	D48765		NOTE 1
3/4/2014	261BR	D48765	41.2	SMB116		CALCULATED BORE	2+74.0		274.0		X56	XR	48.804832	103.618428	2296.26	2278.39	17.87	ARO	41.3	41.1	D48765	D48765		NOTE 1
3/4/2014	262BR	D48765	41.3	SMB54		CALCULATED BORE	3+15.3		315.3		X56	XR	48.804833	103.618599	2296.40	2276.21	20.19	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	263BR	D48765	41.2	SMB53		CALCULATED BORE	3+56.5		356.5		X56	XR	48.804833	103.618770	2294.30	2275.60	18.70	ARO	41.2	41.3	D48765	D48765		NOTE 1
3/4/2014	264BR	D48765	41.2	SMB51		CALCULATED BORE	3+97.7		397.7		X56	XR	48.804834	103.618941	2289.20	2276.55	12.65	ARO	39.1	41.2	D48763	D48765		NOTE 1
3/4/2014	265BR	D48763	39.1	SMB49		CALCULATED BORE	4+36.8		436.8		X56	XR	48.804834	103.619103	2288.70	2278.90	9.80	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	266BR	D48765	41.2	SMT 13	0.322		4+78.0		478.0	8 IN	X56	XR	48.804835	103.619273	2290.10	2282.90	7.20	ARO	43.4	39.1	NC0746-18	D48763		
3/4/2014	267	NC0746-18	43.4	SMT 14	0.322		5+21.4	P.I. < 7°07'49" LT.	521.4	8 IN	X56	XR	48.804837	103.619453	2290.10	2280.60	9.50	FBE	8.9	41.2	C34174	D48765		
3/4/2014	F-3	C34174	8.9	SMT 15	0.322	FACTORY BEND	5+30.3	P.I. < 21°10'24" LT.	530.3	8 IN	X56	XR	48.804823	103.619477	2286.60	2279.70	6.90	FBE	6.0	43.4	SC1208-17	NC0746-18		
3/4/2014	291B	SC1208-17	6.0	SMT16	0.322		5+36.3		536.3	8 IN	X56	XR	48.804806	103.619478	2283.40	2279.00	4.40	FBE	41.2	8.9	D48765	C34174		
3/4/2014	268BR	D48765	41.2	SMB67		CALCULATED BORE	5+77.5		577.5		X56	XR	48.804695	103.619477	2283.40	2273.61	9.79	ARO	41.2	6.0	D48765	SC1208-17		NOTE 1
3/4/2014	269BR	D48765	41.2	SMB71		CALCULATED BORE	6+18.7		618.7		X56	XR	48.804582	103.619476	2281.90	2268.94	12.96	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	270BR	D48765	41.2	SMB75		CALCULATED BORE	6+59.9		659.9		X56	XR	48.804470	103.619476	2280.88	2265.01	15.87	ARO	41.2	41.2	D48767	D48765		NOTE 1
3/4/2014	271BR	D48767	41.2	SMB79		CALCULATED BORE	7+01.1		701.1		X56	XR	48.804357	103.619475	2280.99	2261.80	19.19	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	272BR	D48763	41.2	SMB83		CALCULATED BORE	7+42.3		742.3		X56	XR	48.804245	103.619475	2280.74	2259.33	21.41	ARO	41.2	41.2	D48763	D48767		NOTE 1
3/4/2014	273BR	D48763	41.2	SMB87		CALCULATED BORE	7+83.5		783.5		X56	XR	48.804132	103.619474	2280.74	2257.58	23.16	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	274BR	D48763	41.2	SMB107		CALCULATED BORE	8+24.7		824.7		X56	XR	48.804019	103.619473	2280.72	2256.57	24.15	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	282BR	D48765	41.2	SMB110		CALCULATED BORE	8+65.9		865.9		X56	XR	48.803906	103.619473	2280.70	2256.29	24.41	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	275BR	D48765	41.2	SMB68		CALCULATED BORE	9+07.1		907.1		X56	XR	48.803793	103.619472	2280.70	2256.75	23.95	ARO	39.1	41.2	D48765	D48765		NOTE 1
3/4/2014	276BR	D48765	39.1	SMB72		CALCULATED BORE	9+46.2		946.2		X56	XR	48.803686	103.619472	2280.73	2257.86	22.87	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	277BR	D48765	41.2	SMB76		CALCULATED BORE	9+87.4		987.4		X56	XR	48.803573	103.619471	2280.80	2259.74	21.06	ARO	41.2	39.1	D48765	D48765		NOTE 1
3/4/2014	278BR	D48765	41.2	SMB80		CALCULATED BORE	10+28.6		1028.6		X56	XR	48.803460	103.619471	2280.85	2262.35	18.50	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	279BR	D48765	41.2	SMB84		CALCULATED BORE	10+69.8		1069.8		X56	XR	48.803348	103.619470	2280.85	2265.69	15.16	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	280BR	D48765	41.2	SMB88		CALCULATED BORE	11+11.0		1111.0		X56	XR	48.803236	103.619469	2280.85	2269.77	11.08	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	281BR	D48765	41.2	SMB108		CALCULATED BORE	11+52.2		1152.2		X56	XR	48.803123	103.619469	2283.40	2274.57	8.83	ARO	27.0	41.2	D48765	D48765		NOTE 1
3/4/2014	283BR	D48765	27.0	SMB144	0.322		11+79.2		1179.2	8 IN	X56	XR	48.803050	103.619468	2284.60	2278.10	6.50	ARO	17.3	41.2	D48765	D48765		
3/4/2014	284BR	D48765	17.3	SMB143	0.322		11+96.5		1196.5	8 IN	X56	XR	48.803003	103.619468	2284.80	2279.20	5.60	ARO	49.9	27.0	SC1208-3	D48765		
3/4/2014	285	SC1208-3	49.9	SM221	0.322		12+46.4		1246.4	8 IN	X56	XR	48.802866	103.619469	2284.70	2279.40	5.30	FBE	50.5	17.3	SC1208-7	D48765		
3/4/2014	286	SC1208-7	50.5	SM223	0.322		12+96.9		1296.9	8 IN	X56	XR	48.802728	103.619470	2283.90	2278.70	5.20	FBE	50.1	49.9	NC0742-19	SC1208-3		
3/4/2014	287	NC0742-19	50.1	SM225	0.322		13+47.0		1347.0	8 IN	X56	XR	48.802590	103.619473	2284.30	2278.30	6.00	FBE	49.8	50.5	SC1208-17	SC1208-7		
3/4/2014	288	SC1208-17	49.8	SM227	0.322		13+96.8		1396.8	8 IN	X56	XR	48.802454	103.619474	2282.00	2275.90	6.10	FBE	49.5	50.1	NC0744-160	NC0742-19		
3/4/2014	289	NC0744-160	49.5	SM229	0.322		14+46.3		1446.3	8 IN	X56	XR	48.802318	103.619476	2282.00	2276.30	5.70	FBE	50.2	49.8	SC1208-7	SC1208-7		
3/4/2014	290	SC1208-7	50.2	SMB150	0.322		14+96.5		1496.5	8 IN	X56	XR	48.802181	103.619478	2284.50	2279.00	5.50	FBE	9.0	49.5	SC1208-17	NC0744-160		
3/4/2014	291	SC1208-17	9.0	SMB148	0.322		15+05.5	P.I. < 4°28'51" LT.	1505.5	8 IN	X56	XR	48.802156	103.619479	2285.30	2279.50	5.80	FBE	6.2	50.2	C30174	SC1208-7		
3/4/2014	F1	C30174	6.2	SMB149	0.322	FACTORY BEND	15+11.7	P.I. < 5°20'37" LT.	1511.7	8 IN	X56	XR	48.802141	103.619469	2285.30	2279.70	5.60	FBE	49.6	9.0	SC1212-155	SC1208-17		
3/4/2014	292	SC1212-155	49.6	SMB142	0.322		15+61.3		1561.3	8 IN	X56	XR	48.802042	103.619328	2287.00	2281.30	5.70	FBE	46.8	6.2	NC0743-10	C30174		
3/4/2014	293	NC0743-10	46.8	SMB151	0.322		16+08.1	P.I. < 8°08'23" RT.	1608.1	8 IN	X56	XR	48.801950	103.619195	2291.20	2286.10	5.10	FBE	6.1	49.6	C30174	SC1212-155		
3/4/2014	F2	C30174	6.1	SMB152	0.322	FACTORY BEND	16+14.2	P.I. < 3°48'13" RT.	1614.2	8 IN	X56	XR	48.801935	103.619186	2291.50	2286.70	4.80	FBE	6.0	46.8	SC1208-17	NC0743-10		
3/4/2014	291A	SC1208-17	6.0	SMB153	0.322		16+20.2		1620.2	8 IN	X56	XR	48.801919	103.619187	2291.50	2287.20	4.30	FBE	50.3	6.1	SC1210-168	C30174		
3/4/2014	294	SC1210-168	50.3	SM231	0.322		16+70.5	P.I. < 2°48'37" LT.	1670.5	8 IN	X56	XR	48.801781	103.619195	2295.30	2290.10	5.20	FBE	50.2	6.0	SC1208-16	SC1208-17		
3/4/2014	295	SC1208-16	50.2	SM233	0.322		17+20.7		1720.7	8 IN	X56	XR	48.801644	103.619192	2298.60	2293.40	5.20	FBE	49.0	50.3	SC1207-14	SC1210-168		
3/4/2014	296	SC1207-14	49.0	SM235	0.322		17+69.7		1769.7	8 IN	X56	XR	48.801510	103.619189	2299.70	2293.80	5.90	FBE	49.8	50.2	NC0745-2	SC1208-16		
3/4/2014	297	NC0745-2	49.8	SM237	0.322		18+19.5		1819.5	8 IN	X56	XR	48.801373	103.619192	2297.60	2292.20	5.40	FBE	49.6	49.0	SC1207-4	SC1207-14		
3/4/2014	298	SC1207-4	49.6	SM239	0.322		18+69.1		1869.1	8 IN	X56	XR	48.801238	103.619192	2294.40	2289.30	5.10	FBE	49.0	49.8	NC0742-20	NC0745-2		
3/4/2014	299	NC0742-20	49.0	SM240	0.322		19+18.1		1918.1	8 IN	X56	XR	48.801104	103.619190	2291.90	2286.30	5.60	FBE	50.5	49.6	SC1213-101	SC1207-4		
3/4/2014	300	SC1213-101	50.5	SM242	0.322		19+68.6		1968.6	8 IN	X56	XR	48.800966	103.619190	2288.00	2281.90	6.10	FBE	48.9	49.0	NC0741-76	NC0742-20		
3/4/2014	301	NC0741-76	48.9	SM244	0.322		20+17.5		2017.5	8 IN	X56	XR	48.800832	103.619189	2285.00	2278.80	6.20	FBE	50.1	50.5	NC0745-52	SC1213-101		
3/4/2014	302	NC0745-52	50.1	SM246	0.322		20+67.6		2067.6	8 IN	X56	XR	48.800695	103.619186	2282.90	2277.40	5.50	FBE	50.1	48.9	NC0741-176	NC0741-76		
3/4/2014	303	NC0741-176	50.1	SM248	0.322		21+17.7		2117.7	8 IN	X56	XR	48.800557	103.619184	2281.90	2276.20	5.70	FBE	50.0	50.1	1213-119	NC0745-52		
3/4/2014	304	1213-119	50.0	SMT8	0.322		21+67.7		2167.7	8 IN	X56	XR	48.800421	103.619184	2281.70	2276.60	5.10	FBE	51.0	50.1	SC1207-86	NC0741-176		
3/4/2014	305	SC1207-86	51.0	SM250	0.322		22+18.7		2218.7	8 IN	X56	XR	48.800281	103.619187	2282.50	2278.10	4.40	FBE	49.7	50.0	NC0749-124	1213-119		
3/4/2014	306	NC0749-124	49.7	SM252	0.322		22+68.4		2268.4	8 IN	X56	XR	48.800145	103.619186	2283.00	2278.30	4.70	FBE	50.3	51.0	NC0743-23	SC1207-86		
3/4/2014	307	NC0743-23	50.3	SMT9	0.322		23+18.7		2318.7	8 IN	X56	XR	48.800007	103.619187	2282.50	2277.50	5.00	FBE	48.5	49.7	SC1209-97	NC0749-124		
3/4/2014	308	SC1209-97	48.5	SM254	0.322		23+67.2		2367.2	8 IN	X56	XR	48.799874	103.619187	2282.00	2277.00	5.00	FBE	48.9	50.3	NC0742-19	NC0743-23		
3/4/2014	309	NC0742-19	48.9	SM257	0.322		24+16.1		2416.1	8 IN	X56	XR	48.799740	103.619187	2282.10	2277.00	5.10	FBE	30.1	48.5	NC0744-1	SC1209-97		
3/4/2014	310	NC0744-1	30.1	SM259	0.322		24+46.2		2446.2	8 IN	X56	XR	48.799657	103.619187	2281.70	2276.80	4.90	FBE	44.6	48.9	NC0744-1	NC0742-19		
3/4/2014	311	NC0744-1	44.6	SM261	0.322		24+90.8		2490.8	8 IN	X56	XR	48.799535	103.619187	2281.00	2276.20	4.80	FBE	35.7	30.1	SC1209-46	NC0744-1		
3/4/2014	312	SC1209-46	35.7	SM263	0.322		25+26.5		2526.5	8 IN	X56	XR	48.799437	103.619185	2281.30	2275.70	5.60	FBE	35.6	44.6	SC1208-8	NC0744-1		
3/4/2014	313	SC1208-8	35.6	SM265	0.322		25+62.1		2562.1	8 IN	X56	XR	48.799340	103.619184	2280.60	2275.20	5.40	FBE	50.2	35.7	NC0742-20	SC1209-46		
3/4/2014	314	NC0742-20	50.2	SM267	0.322		26+12.3		2612.3	8 IN	X56	XR	48.799202	103.619183	2278.80	2274.00	4.80	FBE	50.4	35.6	SC1212-26	SC1208-8		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 173	SHEET No. 73 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	315	SC1212-26	50.4	SM269	0.322		26+62.7		2662.7	8 IN	X56	XR	48.799064	103.619185	2277.70	2272.60	5.10	FBE	49.3	50.2	SC1208-24	NC0742-20		
3/4/2014	316	SC1208-24	49.3	SM271	0.322		27+11.9		2711.9	8 IN	X56	XR	48.798929	103.619187	2277.40	2272.00	5.40	FBE	50.5	50.4	NC0741-175	SC1212-26		
3/4/2014	317	NC0741-175	50.5	SM273	0.322		27+62.4		2762.4	8 IN	X56	XR	48.798791	103.619187	2276.90	2271.90	5.00	FBE	50.4	49.3	SC121173	SC1208-24		
3/4/2014	318	SC121173	50.4	SM275	0.322		28+12.8		2812.8	8 IN	X56	XR	48.798653	103.619188	2276.50	2271.40	5.10	FBE	49.8	50.5	SC1209-97	NC0741-175		
3/4/2014	319	SC1209-97	49.8	SM277	0.322		28+62.6		2862.6	8 IN	X56	XR	48.798516	103.619190	2274.60	2269.90	4.70	FBE	50.4	50.4	NC0745-52	SC121173		
3/4/2014	320	NC0745-52	50.4	SM279	0.322		29+12.9		2912.9	8 IN	X56	XR	48.798378	103.619193	2272.20	2267.70	4.50	FBE	49.9	49.8	NC0747-52	SC1209-97		
3/4/2014	321	NC0747-52	49.9	SM281	0.322		29+62.9	P.I. < 2°03'42" LT.	2962.9	8 IN	X56	XR	48.798242	103.619195	2269.50	2265.30	4.20	FBE	50.2	50.4	NC0748-136	NC0745-52		
3/4/2014	322	NC0748-136	50.2	SMT19	0.322		30+13.0		3013.0	8 IN	X56	XR	48.798105	103.619190	2267.43	2262.10	5.33	FBE	20.3	49.9	SC1208-17	NC0747-52		
3/4/2014	291B	SC1208-17	20.3	SMT18	0.322		30+33.3		3033.3	8 IN	X56	XR	48.798049	103.619190	2265.53	2260.80	4.73	FBE	13.7	50.2	D48765	NC0748-136		
3/4/2014	324BR	D48765	13.7	SMB63		CALCULATED BORE	30+47.0		3047.0		X56	XR	48.798013	103.619190	2264.30	2257.57	6.73	ARO	41.2	20.3	D48765	SC1208-17		NOTE 1
3/4/2014	325BR	D48765	41.2	SMB62		CALCULATED BORE	30+88.2		3088.2		X56	XR	48.797902	103.619190	2263.05	2249.02	14.03	ARO	41.2	13.7	D48765	D48765		NOTE 1
3/4/2014	326BR	D48765	41.2	SMB61		CALCULATED BORE	31+29.4		3129.4		X56	XR	48.797791	103.619190	2262.45	2242.20	20.25	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	327BR	D48763	41.2	SMB60		CALCULATED BORE	31+70.6		3170.6		X56	XR	48.797679	103.619189	2262.30	2237.12	25.18	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	328BR	D48765	41.2	SMB59		CALCULATED BORE	32+11.8		3211.8		X56	XR	48.797566	103.619189	2262.20	2233.80	28.40	ARO	39.8	41.2	D48765	D48763		NOTE 1
3/4/2014	329BR	D48765	39.8	SMB58		CALCULATED BORE	32+51.6		3251.6		X56	XR	48.797457	103.619189	2262.35	2232.26	30.09	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	330BR	D48765	41.2	SMB57		CALCULATED BORE	32+92.8		3292.8		X56	XR	48.797344	103.619189	2262.51	2232.40	30.11	ARO	41.2	39.8	D48765	D48765		NOTE 1
3/4/2014	331BR	D48765	41.2	SMB56		CALCULATED BORE	33+34.0		3334.0		X56	XR	48.797232	103.619189	2262.10	2234.30	27.80	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	332BR	D48763	41.2	SMB55		CALCULATED BORE	33+75.2		3375.2		X56	XR	48.797119	103.619188	2261.90	2237.97	23.93	ARO	128.8	41.2	D48765	D48765		NOTE 1
3/4/2014	333BR	D48765	128.8	SMT22	0.322		35+04.0		3504.0	8 IN	X56	XR	48.796772	103.619188	2264.70	2260.70	4.00	ARO	43.6	41.2	NC0747-158	D48763		
3/4/2014	336	NC0747-158	43.6	SMT23	0.322		35+47.5		3547.5	8 IN	X56	XR	48.796653	103.619187	2269.10	2264.90	4.20	FBE	50.0	128.8	SC1210-123	D48765		
3/4/2014	337	SC1210-123	50.0	SM285	0.322		35+97.6		3597.6	8 IN	X56	XR	48.796516	103.619186	2272.00	2267.00	5.00	FBE	50.2	43.6	NC0742-19	NC0747-158		
3/4/2014	338	NC0742-19	50.2	SM287	0.322		36+47.7		3647.7	8 IN	X56	XR	48.796378	103.619185	2273.50	2267.90	5.60	FBE	49.9	50.0	SC1207-13	SC1210-123		
3/4/2014	112	SC1207-13	49.9	SM289	0.322		36+97.6		3697.6	8 IN	X56	XR	48.796242	103.619185	2274.60	2268.90	5.70	FBE	50.2	50.2	SC1215-122	NC0742-19		
3/4/2014	339	SC1215-122	50.2	SM291	0.322		37+47.9		3747.9	8 IN	X56	XR	48.796104	103.619185	2275.00	2269.70	5.30	FBE	50.3	49.9	NC0747-172	SC1207-13		
3/4/2014	340	NC0747-172	50.3	SM293	0.322		37+98.1		3798.1	8 IN	X56	XR	48.795966	103.619185	2275.10	2269.70	5.40	FBE	50.3	50.2	NC0743-10	SC1215-122		
3/4/2014	341	NC0743-10	50.3	SM295	0.322		38+48.4		3848.4	8 IN	X56	XR	48.795828	103.619186	2275.20	2270.10	5.10	FBE	50.3	50.3	NC0743-23	NC0747-172		
3/4/2014	342	NC0743-23	50.3	SM297	0.322		38+98.7		3898.7	8 IN	X56	XR	48.795690	103.619186	2275.70	2270.30	5.40	FBE	50.3	50.3	SC1208-15	NC0743-10		
3/4/2014	343	SC1208-15	50.3	SM299	0.322		39+49.0		3949.0	8 IN	X56	XR	48.795553	103.619186	2275.10	2269.90	5.20	FBE	50.1	50.3	NC0746-12	NC0743-23		
3/4/2014	344	NC0746-12	50.1	SM301	0.322		39+99.1		3999.1	8 IN	X56	XR	48.795415	103.619187	2273.70	2269.20	4.50	FBE	50.1	50.3	SC1208-24	SC1208-15		
3/4/2014	345	SC1208-24	50.1	SM303	0.322		40+49.2		4049.2	8 IN	X56	XR	48.795278	103.619187	2272.10	2267.00	5.10	FBE	37.7	50.1	SC1209-49	NC0746-12		
3/4/2014	346	SC1209-49	37.7	SMT29	0.322		40+86.9		4086.9	8 IN	X56	XR	48.795175	103.619190	2270.80	2265.60	5.20	FBE	38.1	50.1	SC1213-65	SC1208-24		
3/4/2014	347	SC1213-65	38.1	SMT30	0.322		41+25.0		4125.0	8 IN	X56	XR	48.795071	103.619192	2269.10	2263.00	6.10	FBE	40.1	37.7	D48763	SC1209-49		
3/4/2014	348BR	D48763	40.1	SMB47		CALCULATED BORE	41+65.1		4165.1		X56	XR	48.794962	103.619191	2266.95	2257.89	9.06	ARO	41.2	38.1	D48763	SC1213-65		NOTE 1
3/4/2014	349BR	D48763	41.2	SMB46		CALCULATED BORE	42+06.3		4206.3		X56	XR	48.794849	103.619190	2265.70	2254.18	11.52	ARO	41.2	40.1	D48765	D48763		NOTE 1
3/4/2014	350BR	D48765	41.2	SMB45		CALCULATED BORE	42+47.5		4247.5		X56	XR	48.794736	103.619189	2265.95	2252.05	13.90	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	351BR	D48765	41.2	SMB44		CALCULATED BORE	42+88.7		4288.7		X56	XR	48.794624	103.619188	2266.16	2251.49	14.67	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	352BR	D48765	41.2	SMB43		CALCULATED BORE	43+29.9		4329.9		X56	XR	48.794511	103.619188	2266.08	2252.50	13.58	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	353BR	D48763	41.2	SMB42		CALCULATED BORE	43+71.1		4371.1		X56	XR	48.794398	103.619187	2265.69	2255.09	10.60	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	354BR	D48765	41.2	SMB41		CALCULATED BORE	44+12.3		4412.3		X56	XR	48.794286	103.619186	2269.10	2259.26	9.84	ARO	43.8	41.2	D48765	D48763		NOTE 1
3/4/2014	355	D48765	43.8	SMT50	0.322		44+56.1		4456.1	8 IN	X56	XR	48.794167	103.619185	2275.30	2265.40	9.90	ARO	15.2	41.2	SC1208-7	D48765		
3/4/2014	356	SC1208-7	15.2	SMT49	0.322		44+71.4		4471.4	8 IN	X56	XR	48.794125	103.619183	2275.30	2267.00	8.30	FBE	29.1	43.8	SC1214-89	D48765		
3/4/2014	357	SC1214-89	29.1	SM317	0.322		45+00.5		4500.5	8 IN	X56	XR	48.794046	103.619179	2275.30	2269.20	6.10	FBE	35.9	15.2	NC0749-67	SC1208-7		
3/4/2014	358	NC0749-67	35.9	SM316	0.322		45+36.4		4536.4	8 IN	X56	XR	48.793948	103.619177	2277.40	2271.70	5.70	FBE	43.9	29.1	NC0741-176	SC1214-89		
3/4/2014	359	NC0741-176	43.9	SM315	0.322		45+80.2		4580.2	8 IN	X56	XR	48.793828	103.619176	2279.70	2275.00	4.70	FBE	49.9	35.9	NC0742-132	NC0749-67		
3/4/2014	360	NC0742-132	49.9	SM314	0.322		46+30.1		4630.1	8 IN	X56	XR	48.793691	103.619175	2281.60	2276.60	5.00	FBE	50.2	43.9	NC0748-142	NC0741-176		
3/4/2014	361	NC0748-142	50.2	SM313	0.322		46+80.3		4680.3	8 IN	X56	XR	48.793553	103.619173	2282.70	2277.50	5.20	FBE	49.4	49.9	SC1208-15	NC0742-132		
3/4/2014	362	SC1208-15	49.4	SM312	0.322		47+29.7		4729.7	8 IN	X56	XR	48.793418	103.619171	2282.10	2277.00	5.10	FBE	33.3	50.2	NC0743-23	NC0748-142		
3/4/2014	363	NC0743-23	33.3	SM311	0.322		47+63.0		4763.0	8 IN	X56	XR	48.793327	103.619171	2281.20	2276.60	4.60	FBE	50.1	49.4	NC0742-19	SC1208-15		
3/4/2014	364	NC0742-19	50.1	SMT35	0.322		48+13.1		4813.1	8 IN	X56	XR	48.793189	103.619171	2280.30	2275.70	4.60	FBE	30.0	33.3	NC0742-20	NC0743-23		
3/4/2014	110A	NC0742-20	30.0	SM328	0.322		48+43.2		4843.2	8 IN	X56	XR	48.793107	103.619172	2279.70	2274.70	5.00	FBE	50.3	50.1	SC1212-11	NC0742-19		
3/4/2014	365	SC1212-11	50.3	SMT33	0.322		48+93.5		4893.5	8 IN	X56	XR	48.792969	103.619173	2279.40	2273.90	5.50	FBE	50.3	30.0	NC0748-149	NC0742-20		
3/4/2014	366	NC0748-149	50.3	SM318	0.322		49+43.8		4943.8	8 IN	X56	XR	48.792831	103.619176	2279.40	2273.80	5.60	FBE	48.4	50.3	SC1208-15	SC1212-11		
3/4/2014	367	SC1208-15	48.4	SM319	0.322		49+92.2		4992.2	8 IN	X56	XR	48.792699	103.619179	2279.20	2274.10	5.10	FBE	50.0	50.3	SC1207-5	NC0748-149		
3/4/2014	368	SC1207-5	50.0	SM320	0.322		50+42.1		5042.1	8 IN	X56	XR	48.792562	103.619180	2279.40	2274.00	5.40	FBE	46.0	48.4	NC0742-112	SC1208-15		
3/4/2014	369	NC0742-112	46.0	SM321	0.322		50+88.1		5088.1	8 IN	X56	XR	48.792436	103.619181	2279.20	2273.80	5.40	FBE	50.2	50.0	SC1208-15	SC1207-5		
3/4/2014	370	SC1208-15	50.2	SM322	0.322		51+38.3		5138.3	8 IN	X56	XR	48.792298	103.619182	2280.20	2274.30	5.90	FBE	49.6	46.0	NC0742-22	NC0742-112		
3/4/2014	371	NC0742-22	49.6	SM323	0.322		51+87.9		5187.9	8 IN	X56	XR	48.792163	103.619183	2281.90	2276.60	5.30	FBE	50.3	50.2	SC1208-15	SC1208-15		
3/4/2014	372	SC1208-15	50.3	SM324	0.322		52+38.2		5238.2	8 IN	X56	XR	48.792025	103.619185	2284.10	2278.70	5.40	FBE	50.1	49.6	NC0745-2	NC0742-22		
3/4/2014	373	NC0745-2	50.1	SM325	0.322		52+88.3		5288.3	8 IN	X56	XR	48.791888	103.619187	2285.20	2280.00	5.20	FBE	50.5	50.3	SC1207-84	SC1208-15		
3/4/2014	374	SC1207-84	50.5	SM326	0.322		53+38.8		5338.8	8 IN	X56	XR	48.791749	103.619186	2287.40	2282.20	5.20	FBE	50.0	50.1	NC0744-110	NC0745-2		
3/4/2014	375	NC0744-110	50.0	SM327	0.322		53+88.8		5388.8	8 IN	X56	XR	48.791613	103.619187	2292.30	2286.30	6.00	FBE	50.1	50.5	TC1211-153	SC1207-84		
3/4/2014	376	TC1211-153	50.1	SM329	0.322		54+39.0		5439.0	8 IN	X56	XR	48.791476	103.619187	2295.70	2290.50	5.20	FBE	50.4	50.0	SC1212-155	NC0744-110		
3/4/2014	377	SC1212-155	50.4	SM330	0.322		54+89.3		5489.3	8 IN	X56	XR	48.791338	103.619187	2297.20	2292.10	5.10	FBE	50.4	50.1	SC1207-15	TC1211-153		
3/4/2014	378	SC1207-15	50.4	SM331	0.322		55+39.7		5539.7	8 IN	X56	XR	48.791200	103.619185	2297.40	2292.10	5.30	FBE	50.3	50.4	NC0746-12	SC1212-155		
3/4/2014	379	NC0746-12	50.3	SM332	0.322		55+89.9		5589.9	8 IN	X56	XR	48.791062	103.619183	2296.70	2291.70	5.00	FBE	50.4	50.4	SC1207-14	SC1207-15		
3/4/2014	380	SC1207-14	50.4	SM333	0.322		56+40.3		5640.3	8 IN	X56	XR	48.790924	103.619184	2295.50	2290.60	4.90	FBE	50.2	50.3	NC0746-18	NC0746-12		
3/4/2014	381	NC0746-18	50.2	SM334	0.322		56+90.5		5690.5	8 IN	X56	XR	48.790787	103.619181	2292.80	2288.10	4.70	FBE	47.8	50.4	SC1207-4	SC1207-14		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 174	SHEET No. 74 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	382	SC1207-4	47.8	SM335	0.322		57+38.3		5738.3	8 IN	X56	XR	48.790656	103.619179	2291.10	2286.10	5.00	FBE	50.1	50.2	SC1207-4	NC0746-18		
3/4/2014	383	SC1207-4	50.1	SM336	0.322		57+88.4		5788.4	8 IN	X56	XR	48.790518	103.619177	2291.20	2286.00	5.20	FBE	50.2	47.8	NC0741-175	SC1207-4		
3/4/2014	384	NC0741-175	50.2	SM337	0.322		58+38.7		5838.7	8 IN	X56	XR	48.790381	103.619176	2290.80	2286.00	4.80	FBE	50.1	50.1	NC0746-12	SC1207-4		
3/4/2014	385	NC0746-12	50.1	SMT38	0.322		58+88.8		5888.8	8 IN	X56	XR	48.790243	103.619174	2289.90	2285.40	4.50	FBE	49.7	50.2	NC0748-164	NC0741-175		
3/4/2014	386	NC0748-164	49.7	SM347	0.322		59+38.5	P.I. < 4°58'49" RT.	5938.5	8 IN	X56	XR	48.790107	103.619165	2289.40	2284.70	4.70	FBE	40.1	50.1	SC1212-121	NC0746-12		
3/4/2014	387	SC1212-121	40.1	SMT37	0.322		59+78.6	P.I. < 3°54'06" LT.	5978.6	8 IN	X56	XR	48.789997	103.619173	2290.40	2286.30	4.10	FBE	12.0	49.7	SC1213-65	NC0748-164		
3/4/2014	347A	SC1213-65	12.0	SMT36	0.322		59+90.6		5990.6	8 IN	X56	XR	48.789965	103.619172	2291.20	2286.80	4.40	FBE	49.8	40.1	NC0741-175	SC1212-121		
3/4/2014	388	NC0741-175	49.8	SM338	0.322		60+40.4		6040.4	8 IN	X56	XR	48.789828	103.619172	2293.20	2288.20	5.00	FBE	50.4	12.0	NC0744-145	SC1213-65		
3/4/2014	389	NC0744-145	50.4	SM339	0.322		60+90.7		6090.7	8 IN	X56	XR	48.789690	103.619173	2293.90	2288.60	5.30	FBE	49.4	49.8	NC0745-113	NC0741-175		
3/4/2014	390	NC0745-113	49.4	SM340	0.322		61+40.1		6140.1	8 IN	X56	XR	48.789555	103.619170	2294.10	2289.00	5.10	FBE	50.7	50.4	SC1207-5	NC0744-145		
3/4/2014	391	SC1207-5	50.7	SM341	0.322		61+90.8		6190.8	8 IN	X56	XR	48.789416	103.619173	2294.10	2289.30	4.80	FBE	49.9	49.4	NC0748-149	NC0745-113		
3/4/2014	392	NC0748-149	49.9	SM342	0.322		62+40.6		6240.6	8 IN	X56	XR	48.789279	103.619176	2294.40	2288.60	5.80	FBE	50.0	50.7	SC1208-15	SC1207-5		
3/4/2014	393	SC1208-15	50.0	SM343	0.322		62+90.6		6290.6	8 IN	X56	XR	48.789142	103.619175	2293.80	2288.20	5.60	FBE	49.9	49.9	NC0746-9	NC0748-149		
3/4/2014	394	NC0746-9	49.9	SM344	0.322		63+40.5		6340.5	8 IN	X56	XR	48.789006	103.619177	2293.20	2287.60	5.60	FBE	50.2	50.0	NC0746-12	SC1208-15		
3/4/2014	395	NC0746-12	50.2	SM345	0.322		63+90.7		6390.7	8 IN	X56	XR	48.788868	103.619178	2293.20	2287.50	5.70	FBE	50.3	49.9	NC0743-10	NC0746-9		
3/4/2014	396	NC0743-10	50.3	SM346	0.322		64+41.0		6441.0	8 IN	X56	XR	48.788730	103.619180	2292.40	2286.80	5.60	FBE	50.2	50.2	SC1208-6	NC0746-12		
3/4/2014	397	SC1208-6	50.2	SM368	0.322		64+91.2		6491.2	8 IN	X56	XR	48.788593	103.619179	2292.10	2286.30	5.80	FBE	49.5	50.3	SC1207-5	NC0743-10		
3/4/2014	398	SC1207-5	49.5	SM369	0.322		65+40.8	P.I. < 2°04'28" RT.	6540.8	8 IN	X56	XR	48.788457	103.619175	2291.90	2286.30	5.60	FBE	50.6	50.2	NC0742-22	SC1208-6		
3/4/2014	399	NC0742-22	50.6	SM370	0.322		65+91.3		6591.3	8 IN	X56	XR	48.788318	103.619178	2291.90	2286.70	5.20	FBE	49.4	49.5	SC1208-8	SC1207-5		
3/4/2014	400	SC1208-8	49.4	SM371	0.322		66+40.7		6640.7	8 IN	X56	XR	48.788183	103.619178	2292.30	2287.00	5.30	FBE	49.9	50.6	SC1212-11	NC0742-22		
3/4/2014	401	SC1212-11	49.9	SM372	0.322		66+90.6		6690.6	8 IN	X56	XR	48.788046	103.619179	2291.90	2286.80	5.10	FBE	40.9	49.4	SC1212-173	SC1208-8		
3/4/2014	402	SC1212-173	40.9	SM373	0.322		67+31.5		6731.5	8 IN	X56	XR	48.787934	103.619180	2291.30	2286.10	5.20	FBE	30.3	49.9	NC0473-23	SC1212-11		
3/4/2014	403	NC0473-23	30.3	SM374	0.322		67+61.8		6761.8	8 IN	X56	XR	48.787851	103.619178	2290.60	2285.50	5.10	FBE	43.3	40.9	NC0745-2	SC1212-173		
3/4/2014	404	NC0745-2	43.3	SM375	0.322		68+05.2		6805.2	8 IN	X56	XR	48.787732	103.619175	2289.70	2284.50	5.20	FBE	37.1	30.3	SC1210-21	NC0473-23		
3/4/2014	405	SC1210-21	37.1	SM376	0.322		68+42.3	P.I. < 2°27'13" RT.	6842.3	8 IN	X56	XR	48.787631	103.619171	2289.90	2284.50	5.40	FBE	50.3	43.3	NC0748-164	NC0745-2		
3/4/2014	406	NC0748-164	50.3	SM377	0.322		68+92.6		6892.6	8 IN	X56	XR	48.787493	103.619172	2291.30	2286.10	5.20	FBE	48.5	37.1	SC1207-4	SC1210-21		
3/4/2014	407	SC1207-4	48.5	SM398	0.322		69+41.1		6941.1	8 IN	X56	XR	48.787360	103.619172	2294.80	2289.30	5.50	FBE	50.3	50.3	SC1212-21	NC0748-164		
3/4/2014	408	SC1212-21	50.3	SM399	0.322		69+91.4		6991.4	8 IN	X56	XR	48.787222	103.619170	2296.90	2291.60	5.30	FBE	48.7	48.5	SC1210-21	SC1207-4		
3/4/2014	409	SC1210-21	48.7	SM400	0.322		70+40.1		7040.1	8 IN	X56	XR	48.787089	103.619168	2297.30	2292.20	5.10	FBE	50.3	50.3	SC1210-21	SC1212-21		
3/4/2014	410	SC1210-21	50.3	SM401	0.322		70+90.5		7090.5	8 IN	X56	XR	48.786951	103.619167	2298.10	2292.90	5.20	FBE	50.1	48.7	SC1210-21	SC1210-21		
3/4/2014	411	SC1210-21	50.1	SM402	0.322		71+40.6		7140.6	8 IN	X56	XR	48.786814	103.619168	2298.10	2293.20	4.90	FBE	50.0	50.3	SC1210-21	SC1210-21		
3/4/2014	412	SC1210-21	50.0	SM403	0.322		71+90.6		7190.6	8 IN	X56	XR	48.786676	103.619167	2297.30	2291.90	5.40	FBE	50.2	50.1	SC1208-16	SC1210-21		
3/4/2014	413	SC1208-16	50.2	SM404	0.322		72+40.8		7240.8	8 IN	X56	XR	48.786539	103.619167	2294.80	2289.60	5.20	FBE	50.3	50.0	SC1212-173	SC1210-21		
3/4/2014	414	SC1212-173	50.3	SM405	0.322		72+91.0		7291.0	8 IN	X56	XR	48.786402	103.619170	2290.40	2285.20	5.20	FBE	50.3	50.2	NC0742-22	SC1208-16		
3/4/2014	415	NC0742-22	50.3	SM406	0.322		73+41.4		7341.4	8 IN	X56	XR	48.786264	103.619176	2287.20	2281.70	5.50	FBE	50.1	50.3	SC1212-10	SC1212-173		
3/4/2014	416	SC1212-10	50.1	SM407	0.322		73+91.5		7391.5	8 IN	X56	XR	48.786127	103.619179	2284.00	2278.60	5.40	FBE	50.3	50.3	NC0742-22	NC0742-22		
3/4/2014	417	NC0742-22	50.3	SM408	0.322		74+41.9		7441.9	8 IN	X56	XR	48.785989	103.619183	2281.20	2276.00	5.20	FBE	49.6	50.1	SC1207-14	SC1212-10		
3/4/2014	418	SC1207-14	49.6	SM409	0.322		74+91.5		7491.5	8 IN	X56	XR	48.785853	103.619185	2279.40	2273.80	5.60	FBE	49.9	50.3	SC1208-17	NC0742-22		
3/4/2014	419	SC1208-17	49.9	SM410	0.322	NO COATING INFO	75+41.4		7541.4	8 IN	X56	XR	48.785717	103.619180	2278.50	2272.80	5.70		45.8	49.6	SC1208-16	SC1207-14		
3/4/2014	420	SC1208-16	45.8	SMT	0.322	NO COATING INFO	75+87.2		7587.2	8 IN	X56	XR	48.785591	103.619177	2278.50	2273.30	5.20		50.3	49.9	SC1208-8	SC1208-17		
3/4/2014	421	SC1208-8	50.3	SM411	0.322	NO COATING INFO	76+37.5		7637.5	8 IN	X56	XR	48.785454	103.619177	2278.00	2273.40	4.60		50.2	45.8	NC0748-161	SC1208-16		
3/4/2014	422	NC0748-161	50.2	SM412	0.322	NO COATING INFO	76+87.6		7687.6	8 IN	X56	XR	48.785316	103.619174	2277.70	2272.90	4.80		50.3	50.3	SC1214-89	SC1208-8		
3/4/2014	423	SC1214-89	50.3	SM413	0.322	NO COATING INFO	77+38.0		7738.0	8 IN	X56	XR	48.785178	103.619172	2277.10	2272.60	4.50		50.3	50.2	SC1208-16	NC0748-161		
3/4/2014	424	SC1208-16	50.3	SM414	0.322	NO COATING INFO	77+88.3		7788.3	8 IN	X56	XR	48.785040	103.619171	2276.40	2271.80	4.60		49.6	50.3	NC0742-22	SC1214-89		
3/4/2014	425	NC0742-22	49.6	SM415	0.322	NO COATING INFO	78+37.9		7837.9	8 IN	X56	XR	48.784904	103.619171	2276.10	2271.50	4.60		50.2	50.3	SC1208-15	SC1208-16		
3/4/2014	426	SC1208-15	50.2	SM416	0.322	NO COATING INFO	78+88.1		7888.1	8 IN	X56	XR	48.784767	103.619171	2275.40	2270.70	4.70		50.3	49.6	NC0746-18	NC0742-22		
3/4/2014	427	NC0746-18	50.3	SM417	0.322	NO COATING INFO	79+38.4		7938.4	8 IN	X56	XR	48.784629	103.619171	2274.30	2269.60	4.70		49.7	50.2	NC0744-160	SC1208-15		
3/4/2014	428	NC0744-160	49.7	SM418	0.322	NO COATING INFO	79+88.1		7988.1	8 IN	X56	XR	48.784493	103.619172	2273.80	2268.80	5.00		50.3	50.3	SC1212-11	NC0746-18		
3/4/2014	429	SC1212-11	50.3	SM419	0.322	NO COATING INFO	80+38.4		8038.4	8 IN	X56	XR	48.784355	103.619171	2273.60	2268.80	4.80		48.9	49.7	SC1208-7	NC0744-160		
3/4/2014	430	SC1208-7	48.9	SM420	0.322	NO COATING INFO	80+87.3		8087.3	8 IN	X56	XR	48.784221	103.619171	2272.70	2267.80	4.90		50.2	50.3	SC1208-24	SC1212-11		
3/4/2014	431	SC1208-24	50.2	SM421	0.322	NO COATING INFO	81+37.5		8137.5	8 IN	X56	XR	48.784083	103.619172	2270.50	2265.60	4.90		39.1	48.9	NC0742-22	SC1208-7		
3/4/2014	432	NC0742-22	39.1	SM422	0.322	NO COATING INFO	81+76.6		8176.6	8 IN	X56	XR	48.783976	103.619173	2268.20	2263.40	4.80		61.0	50.2	SC1208-16	SC1208-24		
3/4/2014	433	SC1208-16	61.0	SM423	0.322	NO COATING INFO	82+37.6		8237.6	8 IN	X56	XR	48.783809	103.619173	2267.10	2261.70	5.40		44.5	39.1	SC1208-16	NC0742-22		
3/4/2014	434	SC1208-16	44.5	SM424	0.322	NO COATING INFO	82+82.2		8282.2	8 IN	X56	XR	48.783687	103.619171	2267.10	2261.50	5.60		44.7	61.0	SC1212-128	SC1208-16		
3/4/2014	435	SC1212-128	44.7	SM42	0.322	NO COATING INFO	83+26.9		8326.9	8 IN	X56	XR	48.783564	103.619173	2267.70	2262.50	5.20		36.3	44.5	SC1208-25	SC1208-16		
3/4/2014	436	SC1208-25	36.3	SM426	0.322	NO COATING INFO	83+63.2		8363.2	8 IN	X56	XR	48.783465	103.619172	2269.00	2263.60	5.40		35.9	44.7	SC1209-42	SC1212-128		
3/4/2014	437	SC1209-42	35.9	SM447	0.322	NO COATING INFO	83+99.1		8399.1	8 IN	X56	XR	48.783367	103.619174	2270.40	2264.80	5.60		50.5	36.3	SC1208-15	SC1208-25		
3/4/2014	438	SC1208-15	50.5	SM448	0.322	NO COATING INFO	84+49.6		8449.6	8 IN	X56	XR	48.783228	103.619174	2271.30	2265.60	5.70		50.0	35.9	NC0742-19	SC1209-42		
3/4/2014	439	NC0742-19	50.0	SM449	0.322	NO COATING INFO	84+99.5		8499.5	8 IN	X56	XR	48.783092	103.619173	2268.90	2263.20	5.70		50.1	50.5	SC1212-11	SC1208-15		
3/4/2014	440	SC1212-11	50.1	SM450	0.322	NO COATING INFO	85+49.7		8549.7	8 IN	X56	XR	48.782954	103.619171	2266.60	2261.30	5.30		50.2	50.0	SC1210-21	NC0742-19		
3/4/2014	441	SC1210-21	50.2	SM451	0.322	NO COATING INFO	85+99.8		8599.8	8 IN	X56	XR	48.782817	103.619167	2267.50	2262.10	5.40		50.2	50.1	SC1208-24	SC1212-11		
3/4/2014	442	SC1208-24	50.2	SM452	0.322	NO COATING INFO	86+50.1		8650.1	8 IN	X56	XR	48.782679	103.619166	2269.10	2263.40	5.70		49.8	50.2	NC0743-23	SC1210-21		
3/4/2014	443	NC0743-23	49.8	SM453	0.322	NO COATING INFO	86+99.9		8699.9	8 IN	X56	XR	48.782543	103.619164	2271.30	2266.00	5.30		50.4	50.2	NC0743-23	SC1208-24		
3/4/2014	444	NC0743-23	50.4	SM454	0.322	NO COATING INFO	87+50.2		8750.2	8 IN	X56	XR	48.782405	103.619163	2273.30	2268.30	5.00		49.9	49.8	SC1208-24	NC0743-23		
3/4/2014	445	SC1208-24	49.9	SM496	0.322	NO COATING INFO	88+00.1		8800.1	8 IN	X56	XR	48.782268	103.619164	2272.90	2268.50	4.40		50.1	50.4	SC1208-6	NC0743-23		
3/4/2014	446	SC1208-6	50.1	SM497	0.322	NO COATING INFO	88+50.2		8850.2	8 IN	X56	XR	48.782131	103.619161	2272.90	2268.00	4.90		50.3	49.9	NC0744-1	SC1208-24		
3/4/2014	447	NC0744-1	50.3	SM498	0.322	NO COATING INFO	89+00.4		8900.4	8 IN	X56	XR	48.781993	103.619164	2273.40	2268.40	5.00		49.8	50.1	SC1208-8	SC1208-6		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS Petroleum Field Services, LLC, 7535 Hilltop Circle, Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 175	SHEET No. 75 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	448	SC1208-8	49.8	SM499	0.322	NO COATING INFO	89+50.2		8950.2	8 IN	X56	XR	48.781857	103.619164	2274.10	2268.90	5.20		50.2	50.3	HC0743-23	NC0744-1		
3/4/2014	449	HC0743-23	50.2	SM500	0.322	NO COATING INFO	90+00.4		9000.4	8 IN	X56	XR	48.781720	103.619165	2274.40	2269.70	4.70		42.7	49.8	NC0743-23	SC1208-8		
3/4/2014	450	NC0743-23	42.7	SM501	0.322	NO COATING INFO	90+43.1	P.I. < 2°45'48" RT.	9043.1	8 IN	X56	XR	48.781603	103.619164	2273.90	2269.00	4.90		50.3	50.2	NC0742-22	HC0743-23		
3/4/2014	451	NC0742-22	50.3	SM502	0.322	NO COATING INFO	90+93.4		9093.4	8 IN	X56	XR	48.781465	103.619173	2272.50	2267.50	5.00		49.7	42.7	NC0742-20	NC0743-23		
3/4/2014	452	NC0742-20	49.7	SM503	0.322	NO COATING INFO	91+43.1		9143.1	8 IN	X56	XR	48.781329	103.619176	2272.90	2267.50	5.40		50.0	50.3	NC0746-12	NC0742-22		
3/4/2014	453	NC0746-12	50.0	SM504	0.322	NO COATING INFO	91+93.1		9193.1	8 IN	X56	XR	48.781192	103.619179	2274.20	2268.70	5.50		50.2	49.7	NC0743-23	NC0742-20		
3/4/2014	454	NC0743-23	50.2	SM505	0.322	NO COATING INFO	92+43.3		9243.3	8 IN	X56	XR	48.781054	103.619180	2274.40	2268.90	5.50		49.9	50.0	NC0746-18	NC0746-12		
3/4/2014	455	NC0746-18	49.9	SM506	0.322	NO COATING INFO	92+93.2		9293.2	8 IN	X56	XR	48.780917	103.619182	2274.00	2268.60	5.40		50.3	50.2	NC0743-10	NC0743-23		
3/4/2014	456	NC0743-10	50.3	SM507	0.322	NO COATING INFO	93+43.5		9343.5	8 IN	X56	XR	48.780780	103.619184	2273.40	2267.90	5.50		50.0	49.9	SC1208-15	NC0746-18		
3/4/2014	457	SC1208-15	50.0	SM508	0.322	NO COATING INFO	93+93.5		9393.5	8 IN	X56	XR	48.780642	103.619187	2273.80	2267.90	5.90		50.1	50.3	NC0742-19	NC0743-10		
3/4/2014	458	NC0742-19	50.1	SM509	0.322	NO COATING INFO	94+43.6	P.I. < 2°19'27" RT.	9443.6	8 IN	X56	XR	48.780505	103.619184	2273.90	2269.00	4.90		50.3	50.0	NC0743-10	SC1208-15		
3/4/2014	459	NC0743-10	50.3	SM510	0.322	NO COATING INFO	94+93.9		9493.9	8 IN	X56	XR	48.780367	103.619189	2273.40	2268.60	4.80		50.3	50.1	NC0743-10	NC0742-19		
3/4/2014	460	NC0743-10	50.3	SM511	0.322	NO COATING INFO	95+44.2		9544.2	8 IN	X56	XR	48.780230	103.619192	2273.80	2268.40	5.40		49.3	50.3	SC1210-21	NC0743-10		
3/4/2014	461	SC1210-21	49.3	SM512	0.322	NO COATING INFO	95+93.4		9593.4	8 IN	X56	XR	48.780095	103.619194	2273.90	2268.20	5.70		50.3	50.3	NC0742-19	NC0743-10		
3/4/2014	462	NC0742-19	50.3	SM513	0.322	NO COATING INFO	96+43.7		9643.7	8 IN	X56	XR	48.779957	103.619197	2273.90	2268.20	5.70		50.1	49.3	SC1208-24	SC1210-21		
3/4/2014	463	SC1208-24	50.1	SM514	0.322	NO COATING INFO	96+93.8	P.I. < 5°39'05" RT.	9693.8	8 IN	X56	XR	48.779820	103.619190	2274.80	2269.80	5.00		50.1	50.3	SC1208-24	NC0742-19		
3/4/2014	464	SC1208-24	50.1	SM515	0.322	NO COATING INFO	97+43.9	P.I. < 2°16'48" LT.	9743.9	8 IN	X56	XR	48.779683	103.619200	2275.80	2271.00	4.80		50.2	50.1	NC0746-18	SC1208-24		
3/4/2014	465	NC0746-18	50.2	SM523	0.322	NO COATING INFO	97+94.1		9794.1	8 IN	X56	XR	48.779545	103.619202	2274.80	2269.70	5.10		50.4	50.1	NC0746-18	SC1208-24		
3/4/2014	466	NC0746-18	50.4	SM524	0.322	NO COATING INFO	98+44.5		9844.5	8 IN	X56	XR	48.779407	103.619205	2272.60	2267.50	5.10		50.1	50.2	NC0742-20	NC0746-18		
3/4/2014	467	NC0742-20	50.1	SM525	0.322	NO COATING INFO	98+94.5		9894.5	8 IN	X56	XR	48.779270	103.619207	2270.90	2265.60	5.30		50.3	50.4	SC1207-18	NC0746-18		
3/4/2014	468	SC1207-18	50.3	SM526	0.322	NO COATING INFO	99+44.9		9944.9	8 IN	X56	XR	48.779132	103.619211	2270.70	2265.60	5.10		50.3	50.1	SC1208-17	NC0742-20		
3/4/2014	469	SC1208-17	50.3	SM527	0.322	NO COATING INFO	99+95.1		9995.1	8 IN	X56	XR	48.778994	103.619216	2270.70	2265.10	5.60		50.1	50.3	NC0742-22	SC1207-18		
3/4/2014	470	NC0742-22	50.1	SM528	0.322	NO COATING INFO	100+45.2		10045.2	8 IN	X56	XR	48.778857	103.619221	2269.50	2263.20	6.30		46.8	50.3	SC1207-13	SC1208-17		
3/4/2014	471	SC1207-13	46.8	SMT56	0.322		100+92.0	P.I. < 6°37'15" LT.	10092.0	8 IN	X56	XR	48.778729	103.619232	2272.20	2265.70	6.50	FBE	6.7	50.1	NC0747-158	NC0742-22		
3/4/2014	336A	NC0747-158	6.7	SMT55	0.322		100+98.7	P.I. < 4°27'55" RT.	10098.7	8 IN	X56	XR	48.778711	103.619231	2272.40	2265.50	6.90	FBE	41.2	46.8	D48763	SC1207-13		
3/4/2014	473BR	D48763	41.2	SMB40		CALCULATED BORE	101+39.9		10139.9		X56	XR	48.778600	103.619234	2266.80	2259.42	7.38	ARO	41.4	6.7	D48763	NC0747-158		NOTE 1
3/4/2014	474	D48763	41.4	SMT57	0.322		101+81.3		10181.3	8 IN	X56	XR	48.778487	103.619237	2270.70	2264.80	5.90	ARO	44.5	41.2	NC0746-12	D48763		
3/4/2014	475	NC0746-12	44.5	SM529	0.322		102+25.8		10225.8	8 IN	X56	XR	48.778366	103.619239	2264.80	2259.20	5.60	FBE	50.0	41.4	NC0743-10	D48763		
3/4/2014	476	NC0743-10	50.0	SM530	0.322		102+75.8		10275.8	8 IN	X56	XR	48.778229	103.619243	2263.40	2257.60	5.80	FBE	49.9	44.5	NC0746-9	NC0746-12		
3/4/2014	477	NC0746-9	49.9	SM531	0.322		103+25.7		10325.7	8 IN	X56	XR	48.778092	103.619245	2262.10	2256.10	6.00	FBE	50.1	50.0	SC1208-17	NC0743-10		
3/4/2014	478	SC1208-17	50.1	SM532	0.322		103+75.8		10375.8	8 IN	X56	XR	48.777955	103.619247	2260.60	2255.00	5.60	FBE	49.4	49.9	SC1208-17	NC0746-9		
3/4/2014	479	SC1208-17	49.4	SM533	0.322		104+25.2		10425.2	8 IN	X56	XR	48.777820	103.619247	2258.80	2253.10	5.70	FBE	50.4	50.1	SC1208-7	SC1208-17		
3/4/2014	480	SC1208-7	50.4	SM534	0.322		104+75.6		10475.6	8 IN	X56	XR	48.777682	103.619245	2258.00	2252.20	5.80	FBE	50.2	49.4	NC0743-23	SC1208-17		
3/4/2014	481	NC0743-23	50.2	SM535	0.322		105+25.8		10525.8	8 IN	X56	XR	48.777544	103.619243	2258.30	2252.40	5.90	FBE	48.6	50.4	NC0743-23	SC1208-7		
3/4/2014	482	NC0743-23	48.6	SM536	0.322		105+74.4		10574.4	8 IN	X56	XR	48.777411	103.619244	2258.30	2252.70	5.60	FBE	50.2	50.2	SC1207-13	NC0743-23		
3/4/2014	483	SC1207-13	50.2	SM537	0.322		106+24.6		10624.6	8 IN	X56	XR	48.777273	103.619249	2259.00	2253.20	5.80	FBE	50.2	48.6	NC0742-19	NC0743-23		
3/4/2014	484	NC0742-19	50.2	SM538	0.322		106+74.8		10674.8	8 IN	X56	XR	48.777136	103.619254	2259.40	2254.10	5.30	FBE	50.2	50.2	NC0743-10	SC1207-13		
3/4/2014	485	NC0743-10	50.2	SM539	0.322		107+25.0	P.I. < 2°13'16" LT.	10725.0	8 IN	X56	XR	48.776998	103.619258	2259.90	2254.10	5.80	FBE	45.0	50.2	SC1212-11	NC0742-19		
3/4/2014	486	SC1212-11	45.0	SM540	0.322		107+70.0		10770.0	8 IN	X56	XR	48.776875	103.619258	2260.90	2255.50	5.40	FBE	50.1	50.2	NC0742-19	NC0743-10		
3/4/2014	487	NC0742-19	50.1	SM541	0.322		108+20.1		10820.1	8 IN	X56	XR	48.776738	103.619261	2263.10	2257.40	5.70	FBE	50.4	45.0	NC0746-9	SC1212-11		
3/4/2014	488	NC0746-9	50.4	SM542	0.322		108+70.5		10870.5	8 IN	X56	XR	48.776600	103.619265	2263.00	2257.50	5.50	FBE	50.4	50.1	NC0742-20	NC0742-19		
3/4/2014	489	NC0742-20	50.4	SM543	0.322		109+21.0		10921.0	8 IN	X56	XR	48.776461	103.619269	2261.20	2256.20	5.00	FBE	48.0	50.4	NC0746-9	NC0746-9		
3/4/2014	490	NC0746-9	48.0	SM544	0.322		109+69.0		10969.0	8 IN	X56	XR	48.776330	103.619273	2260.10	2255.10	5.00	FBE	49.1	50.4	SC1208-3	NC0742-20		
3/4/2014	491	SC1208-3	49.1	SM545	0.322		110+18.1		11018.1	8 IN	X56	XR	48.776195	103.619275	2258.50	2253.40	5.10	FBE	50.5	48.0	SC1212-11	NC0746-9		
3/4/2014	492	SC1212-11	50.5	SM546	0.322		110+68.6		11068.6	8 IN	X56	XR	48.776057	103.619278	2256.10	2251.00	5.10	FBE	49.6	49.1	NC0742-22	SC1208-3		
3/4/2014	493	NC0742-22	49.6	SM547	0.322		111+18.2		11118.2	8 IN	X56	XR	48.775921	103.619279	2254.60	2249.70	4.90	FBE	50.3	50.5	NC0742-20	SC1212-11		
3/4/2014	494	NC0742-20	50.3	SM548	0.322		111+68.5	P.I. < 2°18'26" LT.	11168.5	8 IN	X56	XR	48.775783	103.619285	2253.10	2247.90	5.20	FBE	50.4	49.6	SC1208-24	NC0742-22		
3/4/2014	495	SC1208-24	50.4	SM549	0.322		112+18.9		11218.9	8 IN	X56	XR	48.775645	103.619282	2251.50	2246.30	5.20	FBE	50.1	50.3	NC0742-20	NC0742-20		
3/4/2014	496	NC0742-20	50.1	SM550	0.322		112+69.0		11269.0	8 IN	X56	XR	48.775508	103.619283	2250.10	2245.00	5.10	FBE	49.8	50.4	NC0746-18	SC1208-24		
3/4/2014	497	NC0746-18	49.8	SM551	0.322		113+18.8		11318.8	8 IN	X56	XR	48.775372	103.619286	2249.00	2243.90	5.10	FBE	50.2	50.1	SC1210-21	NC0742-20		
3/4/2014	498	SC1210-21	50.2	SM552	0.322		113+69.0		11369.0	8 IN	X56	XR	48.775234	103.619289	2247.60	2242.90	4.70	FBE	50.2	49.8	SC1210-21	NC0746-18		
3/4/2014	499	SC1210-21	50.2	SM553	0.322		114+19.1		11419.1	8 IN	X56	XR	48.775097	103.619292	2247.20	2242.40	4.80	FBE	50.1	50.2	NC0742-19	SC1210-21		
3/4/2014	500	NC0742-19	50.1	SM554	0.322		114+69.2		11469.2	8 IN	X56	XR	48.774960	103.619292	2245.70	2241.00	4.70	FBE	50.3	50.2	NC0742-22	SC1210-21		
3/4/2014	501	NC0742-22	50.3	SM555	0.322		115+19.5		11519.5	8 IN	X56	XR	48.774822	103.619293	2244.10	2239.40	4.70	FBE	50.6	50.1	NC0742-22	NC0742-19		
3/4/2014	502	NC0742-22	50.6	SM556	0.322		115+70.1		11570.1	8 IN	X56	XR	48.774683	103.619297	2241.90	2237.60	4.30	FBE	50.1	50.3	NC0749-85	NC0742-22		
3/4/2014	503	NC0749-85	50.1	SM557	0.322		116+20.2		11620.2	8 IN	X56	XR	48.774546	103.619301	2240.60	2235.30	5.30	FBE	50.3	50.6	NC0749-85	NC0742-22		
3/4/2014	504	NC0749-85	50.3	SM558	0.322		116+70.5	P.I. < 3°13'14" LT.	11670.5	8 IN	X56	XR	48.774409	103.619310	2237.70	2231.50	6.20	FBE	49.5	50.1	SC1213-83	NC0749-85		
3/4/2014	505	SC1213-83	49.5	SM559	0.322		117+19.9		11719.9	8 IN	X56	XR	48.774274	103.619321	2232.80	2227.20	5.60	FBE	49.6	50.3	NC0745-109	NC0749-85		
3/4/2014	506	NC0745-109	49.6	SMT48	0.322		117+69.5		11769.5	8 IN	X56	XR	48.774138	103.619328	2231.40	2225.90	5.50	FBE	33.2	49.5	NC0748-10	SC1213-83		
3/4/2014	508	NC0748-10	33.2	SMT47	0.322		118+02.7		11802.7	8 IN	X56	XR	48.774047	103.619329	2230.20	2225.20	5.00	FBE	6.2	49.6	C30714	NC0745-109		
3/4/2014	F4	C30714	6.2	SMT46	0.322	FACTORY BEND	118+08.9	P.I. < 6°25'46" RT.	11808.9	8 IN	X56	XR	48.774032	103.619338	2230.20	2225.10	5.10	FBE	44.6	33.2	NC0748-142	NC0748-10		
3/4/2014	507	NC0748-142	44.6	SMT45	0.322		118+53.5		11853.5	8 IN	X56	XR	48.773946	103.619468	2229.40	2223.80	5.60	FBE	50.1	6.2	NC0747-141	C30714		
3/4/2014	509	NC0747-141	50.1	SM560	0.322		119+03.6		11903.6	8 IN	X56	XR	48.773849	103.619615	2227.50	2221.70	5.80	FBE	50.3	44.6	NC0746-137	NC0748-142		
3/4/2014	510	NC0746-137	50.3	SM561	0.322		119+53.9		11953.9	8 IN	X56	XR	48.773754	103.619766	2226.30	2219.60	6.70	FBE	36.4	50.1	NC0744-58	NC0747-141		
3/4/2014	511	NC0744-58	36.4	SM562	0.322		119+90.4		11990.4	8 IN	X56	XR	48.773684	103.619874	2224.90	2219.00	5.90	FBE	44.4	50.3	NC0745-151	NC0746-137		
3/4/2014	512	NC0745-151	44.4	SMT43	0.322		120+34.8		12034.8	8 IN	X56	XR	48.773599	103.620006	2224.90	2218.90	6.00	FBE	49.8	36.4	NC0744-98	NC0744-58		
3/4/2014	513	NC0744-98	49.8	SMT63	0.322		120+84.6		12084.6	8 IN	X56	XR	48.773504	103.620154	2225.40	2218.80	6.60	FBE	50.2	44.4	NC0747-141	NC0745-151		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 176	SHEET No. 76 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	514	NC0747-141	50.2	SM564	0.322		121+34.8		12134.8	8 IN	X56	XR	48.773409	103.620305	2225.10	2218.20	6.90	FBE	50.2	49.8	SC1214-117	NC0744-98		
3/4/2014	515	SC1214-117	50.2	SM565	0.322		121+85.0		12185.0	8 IN	X56	XR	48.773316	103.620458	2226.20	2218.30	7.90	FBE	50.2	50.2	NC0748-142	NC0747-141		
3/4/2014	516	NC0748-142	50.2	SM566	0.322		122+35.2		12235.2	8 IN	X56	XR	48.773221	103.620609	2227.30	2219.90	7.40	FBE	50.8	50.2	SC1213-83	SC1214-117		
3/4/2014	517	SC1213-83	50.8	SM567	0.322		122+86.0		12286.0	8 IN	X56	XR	48.773125	103.620761	2228.50	2221.40	7.10	FBE	49.6	50.2	SC1213-83	NC0748-142		
3/4/2014	518	SC1213-83	49.6	SM568	0.322		123+35.6		12335.6	8 IN	X56	XR	48.773031	103.620909	2230.50	2222.90	7.60	FBE	50.6	50.8	SSC1214-147	SC1213-83		
3/4/2014	519	SSC1214-147	50.6	SM569	0.322		123+86.2		12386.2	8 IN	X56	XR	48.772936	103.621062	2232.00	2225.20	6.80	FBE	50.1	49.6	NC0749-150	SC1213-83		
3/4/2014	520	NC0749-150	50.1	SM570	0.322		124+36.3		12436.3	8 IN	X56	XR	48.772841	103.621212	2234.10	2227.50	6.60	FBE	49.9	50.6	SC1207-84	SSC1214-147		
3/4/2014	521	SC1207-84	49.9	SM571	0.322		124+86.2	P.I. < 2°54'55" RT.	12486.2	8 IN	X56	XR	48.772746	103.621361	2235.50	2228.70	6.80	FBE	50.4	50.1	NC0741-92	NC0749-150		
3/4/2014	522	NC0741-92	50.4	SMT66	0.322		125+36.6	P.I. < 6°17'42" LT.	12536.6	8 IN	X56	XR	48.772655	103.621518	2236.00	2230.20	5.80	FBE	6.5	49.9	C30174	SC1207-84		
3/4/2014	F5	C30174	6.5	SMT67	0.322	FACTORY BEND	125+43.1	P.I. < 5°45'12" LT.	12543.1	8 IN	X56	XR	48.772640	103.621530	2236.00	2230.00	6.00	FBE	49.8	50.4	NC0747-141	NC0741-92		
3/4/2014	523	NC0747-141	49.8	SM572	0.322		125+93.0		12593.0	8 IN	X56	XR	48.772504	103.621532	2231.20	2226.50	4.70	FBE	50.0	6.5	NC0748-144	C30174		
3/4/2014	524	NC0748-144	50.0	SM573	0.322		126+43.0		12643.0	8 IN	X56	XR	48.772367	103.621536	2227.60	2223.00	4.60	FBE	49.9	49.8	NC0746-137	NC0747-141		
3/4/2014	525	NC0746-137	49.9	SM574	0.322		126+92.9		12692.9	8 IN	X56	XR	48.772231	103.621536	2227.10	2221.80	5.30	FBE	49.7	50.0	NC0744-152	NC0748-144		
3/4/2014	526	NC0744-152	49.7	SM575	0.322		127+42.6		12742.6	8 IN	X56	XR	48.772095	103.621537	2229.20	2223.60	5.60	FBE	50.3	49.9	TC1211-153	NC0746-137		
3/4/2014	527	TC1211-153	50.3	SM576	0.322		127+92.9		12792.9	8 IN	X56	XR	48.771957	103.621541	2231.70	2226.50	5.20	FBE	50.3	49.7	SC1214-147	NC0744-152		
3/4/2014	528	SC1214-147	50.3	SM577	0.322		128+43.2		12843.2	8 IN	X56	XR	48.771819	103.621546	2234.00	2229.00	5.00	FBE	50.4	50.3	SC1214-147	TC1211-153		
3/4/2014	529	SC1214-147	50.4	SM578	0.322		128+93.6		12893.6	8 IN	X56	XR	48.771681	103.621550	2235.20	2230.10	5.10	FBE	50.0	50.3	NC0747-141	SC1214-147		
3/4/2014	530	NC0747-141	50.0	SM579	0.322		129+43.7		12943.7	8 IN	X56	XR	48.771544	103.621550	2236.70	2231.50	5.20	FBE	50.4	50.4	NC0742-20	SC1214-147		
3/4/2014	531	NC0742-20	50.4	SM580	0.322		129+94.0	P.I. < 6°38'40" RT.	12994.0	8 IN	X56	XR	48.771406	103.621549	2239.30	2234.30	5.00	FBE	39.3	50.0	SC1207-84	NC0747-141		
3/4/2014	532	SC1207-84	39.3	SMT58	0.322		130+33.3		13033.3	8 IN	X56	XR	48.771300	103.621550	2244.20	2239.20	5.00	FBE	17.1	50.4	NC0748-140	NC0742-20		
3/4/2014	508A	NC0748-140	17.1	SMT59	0.322		130+50.4		13050.4	8 IN	X56	XR	48.771253	103.621549	2247.00	2241.80	5.20	FBE	49.5	39.3	SC1214-147	SC1207-84		
3/4/2014	533	SC1214-147	49.5	SMT60	0.322		131+00.0		13100.0	8 IN	X56	XR	48.771119	103.621546	2253.20	2248.20	5.00	FBE	48.8	17.1	NC0744-152	NC0748-140		
3/4/2014	534	NC0744-152	48.8	SM581	0.322		131+48.7		13148.7	8 IN	X56	XR	48.770985	103.621547	2257.30	2251.90	5.40	FBE	50.6	49.5	NC0749-146	SC1214-147		
3/4/2014	535	NC0749-146	50.6	SM582	0.322		131+99.3		13199.3	8 IN	X56	XR	48.770847	103.621548	2260.60	2253.60	7.00	FBE	50.4	48.8	NC0744-152	NC0744-152		
3/4/2014	536	NC0744-152	50.4	SM583	0.322		132+49.7		13249.7	8 IN	X56	XR	48.770709	103.621548	2259.90	2252.20	7.70	FBE	50.2	50.6	SC1214-148	NC0749-146		
3/4/2014	537	SC1214-148	50.2	SM584	0.322		132+99.9		13299.9	8 IN	X56	XR	48.770571	103.621549	2256.70	2249.80	6.90	FBE	49.7	50.4	SC1212-129	NC0744-152		
3/4/2014	538	SC1212-129	49.7	SMT68	0.322		133+49.6		13349.6	8 IN	X56	XR	48.770436	103.621549	2250.80	2243.40	7.40	FBE	21.0	50.2	NC0745-2	SC1214-148		
3/4/2014	539	NC0745-2	21.0	SMT69	0.322		133+70.6	P.I. < 8°20'37" LT.	13370.6	8 IN	X56	XR	48.770379	103.621551	2246.90	2241.30	5.60	FBE	6.2	49.7	C30174	SC1212-129		
3/4/2014	F6	C30174	6.2	SMT70	0.322		133+76.8	P.I. < 4°28'25" LT.	13376.8	8 IN	X56	XR	48.770364	103.621542	2246.90	2240.70	6.20	FBE	49.6	21.0	NC0745-2	NC0745-2		
3/4/2014	540	NC0745-2	49.6	SM585	0.322		134+26.4		13426.4	8 IN	X56	XR	48.770268	103.621398	2242.30	2236.50	5.80	FBE	50.3	6.2	NC0745-2	C30174		
3/4/2014	541	NC0745-2	50.3	SM586	0.322		134+76.7		13476.7	8 IN	X56	XR	48.770169	103.621253	2239.10	2233.10	6.00	FBE	50.1	49.6	NC0741-92	NC0745-2		
3/4/2014	542	NC0741-92	50.1	SM587	0.322		135+26.8		13526.8	8 IN	X56	XR	48.770072	103.621110	2231.30	2225.00	6.30	FBE	50.1	50.3	NC0748-164	NC0745-2		
3/4/2014	543	NC0748-164	50.1	SM588	0.322		135+77.0		13577.0	8 IN	X56	XR	48.769973	103.620967	2226.70	2220.30	6.40	FBE	49.7	50.1	NC0748-140	NC0741-92		
3/4/2014	544	NC0748-140	49.7	SMT61	0.322		136+26.6		13626.6	8 IN	X56	XR	48.769876	103.620823	2223.40	2217.50	5.90	FBE	49.5	50.1	NC0748-142	NC0748-164		
3/4/2014	545	NC0748-142	49.5	SMT62	0.322		136+76.2		13676.2	8 IN	X56	XR	48.769779	103.620679	2221.10	2215.10	6.00	FBE	51.5	49.7	SC1209-104	NC0748-140		
3/4/2014	546	SC1209-104	51.5	SMT63	0.322		137+27.7		13727.7	8 IN	X56	XR	48.769680	103.620528	2220.70	2214.80	5.90	FBE	49.6	49.5	SC1215-80	NC0748-142		
3/4/2014	547	SC1215-80	49.6	SMT64	0.322		137+77.3		13777.3	8 IN	X56	XR	48.769585	103.620381	2222.50	2216.60	5.90	FBE	10.7	51.5	SC1209-84	SC1209-104		
3/4/2014	532A	SC1209-84	10.7	SMT65	0.322		137+88.0		13788.0	8 IN	X56	XR	48.769564	103.620349	2222.50	2217.10	5.40	FBE	35.1	49.6	SC1207-4	SC1215-80		
3/4/2014	548	SC1207-4	35.1	SM589	0.322		138+23.1		13823.1	8 IN	X56	XR	48.769499	103.620243	2223.60	2218.30	5.30	FBE	44.1	10.7	SC1207-94	SC1209-84		
3/4/2014	549	SC1207-94	44.1	SM590	0.322		138+67.2		13867.2	8 IN	X56	XR	48.769414	103.620112	2224.30	2218.70	5.60	FBE	47.9	35.1	SC1207-4	SC1207-4		
3/4/2014	550	SC1207-4	47.9	SM591	0.322		139+15.1		13915.1	8 IN	X56	XR	48.769322	103.619970	2225.40	2220.00	5.40	FBE	50.0	44.1	SC1207-4	SC1207-94		
3/4/2014	551	SC1207-4	50.0	SM592	0.322		139+65.2		13965.2	8 IN	X56	XR	48.769225	103.619825	2227.50	2221.60	5.90	FBE	50.2	47.9	SC1214-147	SC1207-4		
3/4/2014	552	SC1214-147	50.2	SM593	0.322		140+15.3		14015.3	8 IN	X56	XR	48.769127	103.619679	2231.00	2224.90	6.10	FBE	50.5	50.0	NC0748-144	SC1207-4		
3/4/2014	553	NC0748-144	50.5	SM594	0.322		140+65.8		14065.8	8 IN	X56	XR	48.769029	103.619532	2234.70	2229.00	5.70	FBE	44.5	50.2	NC0748-144	SC1214-147		
3/4/2014	554	NC0748-144	44.5	SMT77	0.322		141+10.4	P.I. < 23°05'01" RT.	14110.4	8 IN	X56	XR	48.768944	103.619400	2237.60	2232.70	4.90	FBE	6.3	50.5	C30174	NC0748-144		
3/4/2014	F7	C30174	6.3	SMT78	0.322	FACTORY BEND	141+16.7	P.I. < 8°28'39" RT.	14116.7	8 IN	X56	XR	48.768928	103.619394	2237.60	2233.00	4.60	FBE	48.2	44.5	NC0749-146	NC0748-144		
3/4/2014	555	NC0749-146	48.2	SM595	0.322		141+64.9		14164.9	8 IN	X56	XR	48.768796	103.619398	2237.90	2232.40	5.50	FBE	50.1	6.3	NC0748-149	C30174		
3/4/2014	556	NC0748-149	50.1	SM596	0.322		142+14.9		14214.9	8 IN	X56	XR	48.768658	103.619403	2237.70	2232.10	5.60	FBE	50.5	48.2	SC1214-148	NC0749-146		
3/4/2014	557	SC1214-148	50.5	SM597	0.322		142+65.5		14265.5	8 IN	X56	XR	48.768520	103.619406	2236.80	2231.20	5.60	FBE	50.2	50.1	NC0747-143	NC0748-149		
3/4/2014	558	NC0747-143	50.2	SM598	0.322		143+15.7		14315.7	8 IN	X56	XR	48.768382	103.619409	2235.60	2230.20	5.40	FBE	50.0	50.5	NC0748-140	SC1214-148		
3/4/2014	559	NC0748-140	50.0	SMT71	0.322		143+65.7		14365.7	8 IN	X56	XR	48.768245	103.619409	2234.20	2229.20	5.00	FBE	50.3	50.2	SC1214-147	NC0747-143		
3/4/2014	560	SC1214-147	50.3	SM599	0.322		144+16.0		14416.0	8 IN	X56	XR	48.768107	103.619412	2233.10	2228.20	4.90	FBE	50.3	50.0	NC0744-100	NC0748-140		
3/4/2014	561	NC0744-100	50.3	SMT72	0.322		144+66.4		14466.4	8 IN	X56	XR	48.767970	103.619414	2231.30	2225.70	5.60	FBE	49.8	50.3	SC1209-104	SC1214-147		
3/4/2014	562	SC1209-104	49.8	SM600	0.322		145+16.2		14516.2	8 IN	X56	XR	48.767833	103.619415	2228.00	2222.30	5.70	FBE	48.6	50.3	SC1209-104	NC0744-100		
3/4/2014	563	SC1209-104	48.6	SM601	0.322		145+64.8		14564.8	8 IN	X56	XR	48.767700	103.619411	2224.00	2219.10	4.90	FBE	50.0	49.8	SC1213-83	SC1209-104		
3/4/2014	564	SC1213-83	50.0	SM602	0.322		146+14.8		14614.8	8 IN	X56	XR	48.767564	103.619408	2221.00	2216.20	4.80	FBE	50.3	48.6	NC0748-144	SC1209-104		
3/4/2014	565	NC0748-144	50.3	SM603	0.322		146+65.0	P.I. < 2°00'22" LT.	14665.0	8 IN	X56	XR	48.767426	103.619404	2218.80	2213.30	5.50	FBE	50.3	50.0	SC1215-80	SC1213-83		
3/4/2014	566	SC1215-80	50.3	SM604	0.322		147+15.4		14715.4	8 IN	X56	XR	48.767288	103.619397	2217.90	2213.10	4.80	FBE	49.9	50.3	SC1215-80	NC0748-144		
3/4/2014	567	SC1215-80	49.9	SM605	0.322	CALCULATED XR POINT	147+65.3		14765.3	8 IN	X56	XR	48.767152	103.619393	2215.81	2211.70	4.11	FBE	49.9	50.3	SC1215-80	SC1215-80		NOTE 1
3/4/2014	568	SC1215-80	49.9	SMT73	0.322		148+15.1	P.I. < 5°02'11" RT.	14815.1	8 IN	X56	XR	48.767015	103.619389	2214.77	2210.30	4.47	FBE	37.4	49.9	SC1214-147	SC1215-80		
3/4/2014	570	SC1214-147	37.4	SMT74	0.322		148+52.5	P.I. < 4°22'30" LT.	14852.5	8 IN	X56	XR	48.766913	103.619400	2213.72	2207.70	6.02	FBE	7.0	49.9	D48763	SC1215-80		
3/4/2014	575BR	D48763	7.0	SMB129		CALCULATED BORE	148+59.5		14859.5		X56	XR	48.766894	103.619399	2213.72	2206.78	6.94	ARO	41.2	37.4	D48765	SC1214-147		NOTE 1
3/4/2014	576BR	D48765	41.2	SMB134		CALCULATED BORE	149+00.7		14900.7		X56	XR	48.766782	103.619398	2210.67	2201.65	9.02	ARO	41.2	7.0	D48765	D48763		NOTE 1
3/4/2014	577BR	D48765	41.2	SMB135		CALCULATED BORE	149+41.9		14941.9		X56	XR	48.766670	103.619397	2210.67	2197.03	13.64	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	578BR	D48765	41.2	SMB140		CALCULATED BORE	149+83.1		14983.1		X56	XR	48.766557	103.619395	2210.50	2193.41	17.09	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	579BR	D48763	41.2	SMB180		CALCULATED BORE	150+24.3		15024.3		X56	XR	48.766445	103.619394	2210.38	2189.29	21.09	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	580BR	D48763	41.2	SMB118		CALCULATED BORE	150+65.5		15065.5		X56	XR	48.766332	103.619392	2210.17	2186.18	23.99	ARO	41.2	41.2	D48763	D48763		NOTE 1

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 177	SHEET No. 77 OF 149

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As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL									Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	581BR	D48763	41.2	SMB121		CALCULATED BORE	151+06.7		15106.7		X56	XR	48.766220	103.619391	2210.25	2183.57	26.68	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	582BR	D48763	41.2	SMB124		CALCULATED BORE	151+47.9		15147.9		X56	XR	48.766107	103.619390	2209.72	2181.48	28.24	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	583BR	D48763	41.2	SMB127		CALCULATED BORE	151+89.1		15189.1		X56	XR	48.765994	103.619388	2209.40	2179.88	29.52	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	584BR	D48763	41.2	SMB130		CALCULATED BORE	152+30.3		15230.3		X56	XR	48.765881	103.619387	2209.50	2178.80	30.70	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	585BR	D48765	41.2	SMB133		CALCULATED BORE	152+71.5		15271.5		X56	XR	48.765768	103.619386	2209.45	2178.22	31.23	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	586BR	D48765	41.2	SMB136		CALCULATED BORE	153+12.7		15312.7		X56	XR	48.765655	103.619384	2209.40	2178.15	31.25	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	587BR	D48765	41.2	SMB139		CALCULATED BORE	153+53.9		15353.9		X56	XR	48.765542	103.619383	2209.36	2178.58	30.78	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	588BR	D48763	41.2	SMB179		CALCULATED BORE	153+95.1		15395.1		X56	XR	48.765429	103.619381	2209.47	2179.52	29.95	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	589BR	D48763	41.2	SMB119		CALCULATED BORE	154+36.3		15436.3		X56	XR	48.765317	103.619380	2209.58	2180.97	28.61	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	590BR	D48763	41.2	SMB120		CALCULATED BORE	154+77.5		15477.5		X56	XR	48.765204	103.619379	2209.68	2182.92	26.76	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	591BR	D48763	41.2	SMB125		CALCULATED BORE	155+18.7		15518.7		X56	XR	48.765091	103.619377	2209.88	2185.38	24.50	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	592BR	D48763	41.2	SMB126		CALCULATED BORE	155+59.9		15559.9		X56	XR	48.764978	103.619376	2209.88	2188.35	21.53	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	593BR	D48765	41.2	SMB131		CALCULATED BORE	156+01.1		15601.1		X56	XR	48.764866	103.619375	2209.89	2191.82	18.07	ARO	41.3	41.2	D48763	D48763		NOTE 1
3/4/2014	594BR	D48763	41.3	SMB132		CALCULATED BORE	156+42.4		15642.4		X56	XR	48.764753	103.619373	2209.77	2195.81	13.96	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	595BR	D48765	41.2	SMB137		CALCULATED BORE	156+83.6		15683.6		X56	XR	48.764641	103.619372	2209.90	2200.29	9.61	ARO	39.2	41.3	D48763	D48763		NOTE 1
3/4/2014	596BR	D48763	39.2	SMB138		CALCULATED BORE	157+22.8		15722.8		X56	XR	48.764534	103.619370	2211.38	2205.02	6.36	ARO	41.3	41.2	D48765	D48765		NOTE 1
3/4/2014	597BR	D48765	41.3	SMT85	0.322		157+64.1		15764.1	8 IN	X56	XR	48.764422	103.619369	2217.90	2210.50	7.40	ARO	30.6	39.2	TC1211-69	D48763		
3/4/2014	598	TC1211-69	30.6	SMT86	0.322		157+94.8		15794.8	8 IN	X56	XR	48.764339	103.619366	2219.34	2214.20	5.14	FBE	49.9	41.3	NC0746-166	D48765		
3/4/2014	599	NC0746-166	49.9	SM607	0.322		158+44.7		15844.7	8 IN	X56	XR	48.764203	103.619360	2225.90	2219.90	6.00	FBE	33.4	30.6	NC0741-177	TC1211-69		
3/4/2014	600	NC0741-177	33.4	SM608	0.322		158+78.0		15878.0	8 IN	X56	XR	48.764112	103.619356	2227.80	2222.00	5.80	FBE	37.1	49.9	SC1212-155	NC0746-166		
3/4/2014	601	SC1212-155	37.1	SM609	0.322		159+15.1		15915.1	8 IN	X56	XR	48.764010	103.619353	2227.10	2221.40	5.70	FBE	42.0	33.4	SC1213-53	NC0741-177		
3/4/2014	602	SC1213-53	42.0	SM610	0.322		159+57.1		15957.1	8 IN	X56	XR	48.763895	103.619349	2224.80	2219.00	5.80	FBE	41.9	37.1	SC1209-97	SC1212-155		
3/4/2014	603	SC1209-97	41.9	SM611	0.322		159+99.0		15999.0	8 IN	X56	XR	48.763781	103.619345	2222.70	2216.80	5.90	FBE	50.2	42.0	SC1215-122	SC1213-53		
3/4/2014	604	SC1215-122	50.2	SM612	0.322		160+49.1		16049.1	8 IN	X56	XR	48.763643	103.619341	2221.20	2215.70	5.50	FBE	50.4	41.9	NC0750-103	SC1209-97		
3/4/2014	605	NC0750-103	50.4	SM613	0.322		160+99.5		16099.5	8 IN	X56	XR	48.763505	103.619339	2221.70	2216.00	5.70	FBE	50.4	50.2	NC0747-133	SC1215-122		
3/4/2014	606	NC0747-133	50.4	SM614	0.322		161+49.9		16149.9	8 IN	X56	XR	48.763367	103.619337	2220.70	2214.80	5.90	FBE	50.2	50.4	TC1211-120	NC0750-103		
3/4/2014	607	TC1211-120	50.2	SM615	0.322		162+00.1		16200.1	8 IN	X56	XR	48.763230	103.619333	2217.50	2211.80	5.70	FBE	50.2	50.4	SC1209-44	NC0747-133		
3/4/2014	608	SC1209-44	50.2	SM616	0.322		162+50.2		16250.2	8 IN	X56	XR	48.763093	103.619333	2214.10	2208.80	5.30	FBE	50.4	50.2	NC0747-143	TC1211-120		
3/4/2014	609	NC0747-143	50.4	SM617	0.322		163+00.7		16300.7	8 IN	X56	XR	48.762955	103.619335	2213.20	2208.10	5.10	FBE	50.2	50.2	NC0747-143	SC1209-44		
3/4/2014	610	NC0747-143	50.2	SMT79	0.322		163+50.8		16350.8	8 IN	X56	XR	48.762817	103.619335	2214.80	2209.00	5.80	FBE	50.1	50.4	NC0748-140	NC0747-143		
3/4/2014	611	NC0748-140	50.1	SMT677	0.322		164+01.0		16401.0	8 IN	X56	XR	48.762680	103.619339	2212.10	2206.30	5.80	FBE	50.3	50.2	NC0745-2	NC0747-143		
3/4/2014	472	NC0745-2	50.3	SM5045	0.322		164+51.3		16451.3	8 IN	X56	XR	48.762542	103.619345	2208.80	2203.30	5.50	FBE	28.2	50.1	SC1212-173	NC0748-140		
3/4/2014	335	SC1212-173	28.2	SMT678	0.322		164+79.5		16479.5	8 IN	X56	XR	48.762465	103.619348	2207.30	2202.50	4.80	FBE	32.4	50.3	SC1208-7	NC0745-2		
3/4/2014	356A	SC1208-7	32.4	SM5046	0.322		165+11.9		16511.9	8 IN	X56	XR	48.762376	103.619350	2206.10	2201.50	4.60	FBE	50.1	28.2	SC1210-168	SC1212-173		
3/4/2014	334	SC1210-168	50.1	SM5047	0.322		165+62.0		16562.0	8 IN	X56	XR	48.762239	103.619349	2206.30	2201.30	5.00	FBE	42.0	32.4	SB60863	SC1208-7		
3/4/2014	4859	SB60863	42.0	SM5048	0.322		166+04.0		16604.0	8 IN	X56	XR	48.762124	103.619350	2208.60	2203.00	5.60	FBE	42.4	50.1	SB60875	SC1210-168		
3/4/2014	4860	SB60875	42.4	SM5049	0.322		166+46.4		16646.4	8 IN	X56	XR	48.762008	103.619348	2210.20	2204.70	5.50	FBE	42.2	42.0	SB60863	SB60863		
3/4/2014	4861	SB60863	42.2	SM5050	0.322		166+88.6		16688.6	8 IN	X56	XR	48.761892	103.619345	2211.50	2206.30	5.20	FBE	42.0	42.4	SB60863	SB60875		
3/4/2014	4862	SB60863	42.0	SM5051	0.322		167+30.6		16730.6	8 IN	X56	XR	48.761777	103.619342	2213.40	2208.00	5.40	FBE	42.1	42.2	SB60875	SB60863		
3/4/2014	4863	SB60875	42.1	SM5052	0.322		167+72.7		16772.7	8 IN	X56	XR	48.761662	103.619341	2215.70	2210.50	5.20	FBE	42.2	42.0	SB60875	SB60863		
3/4/2014	4864	SB60875	42.2	SM5053	0.322		168+14.9		16814.9	8 IN	X56	XR	48.761547	103.619340	2218.20	2213.00	5.20	FBE	42.1	42.1	SB60863	SB60875		
3/4/2014	4865	SB60863	42.1	SM5054	0.322		168+57.0		16857.0	8 IN	X56	XR	48.761432	103.619340	2220.70	2215.20	5.50	FBE	42.1	42.2	SB60871	SB60875		
3/4/2014	4866	SB60871	42.1	SM5055	0.322		168+99.0		16899.0	8 IN	X56	XR	48.761317	103.619339	2222.90	2217.80	5.10	FBE	42.1	42.1	SB60867	SB60863		
3/4/2014	4867	SB60867	42.1	SM5056	0.322		169+41.2		16941.2	8 IN	X56	XR	48.761201	103.619336	2225.60	2220.20	5.40	FBE	42.2	42.1	SB60875	SB60871		
3/4/2014	4868	SB60875	42.2	SM5057	0.322		169+83.3		16983.3	8 IN	X56	XR	48.761086	103.619332	2227.80	2222.70	5.10	FBE	42.1	42.1	SB60871	SB60867		
3/4/2014	4869	SB60871	42.1	SM5058	0.322		170+25.4		17025.4	8 IN	X56	XR	48.760971	103.619329	2230.00	2224.80	5.20	FBE	42.1	42.2	SB60863	SB60875		
3/4/2014	4870	SB60863	42.1	SM5059	0.322		170+67.5		17067.5	8 IN	X56	XR	48.760856	103.619325	2231.10	2225.90	5.20	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4871	SB60871	42.1	SM5060	0.322		171+09.6		17109.6	8 IN	X56	XR	48.760740	103.619322	2231.90	2226.90	5.00	FBE	42.1	42.1	SB60863	SB60863		
3/4/2014	4872	SB60863	42.1	SM5061	0.322		171+51.7		17151.7	8 IN	X56	XR	48.760625	103.619320	2232.90	2227.60	5.30	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4873	SB60871	42.1	SM5062	0.322		171+93.8		17193.8	8 IN	X56	XR	48.760509	103.619317	2233.60	2228.10	5.50	FBE	42.1	42.1	SB60871	SB60863		
3/4/2014	4874	SB60871	42.1	SM5063	0.322		172+35.9		17235.9	8 IN	X56	XR	48.760394	103.619317	2233.70	2228.30	5.40	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4875	SB60871	42.1	SM5064	0.322		172+78.0		17278.0	8 IN	X56	XR	48.760278	103.619317	2233.80	2228.60	5.20	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4876	SB60871	42.1	SM5065	0.322		173+20.1		17320.1	8 IN	X56	XR	48.760163	103.619317	2234.10	2228.70	5.40	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4877	SB60871	42.1	SM5066	0.322		173+62.2		17362.2	8 IN	X56	XR	48.760048	103.619315	2235.00	2229.40	5.60	FBE	41.9	42.1	SB60867	SB60871		
3/4/2014	4878	SB60867	41.9	SM5067	0.322		174+04.1		17404.1	8 IN	X56	XR	48.759933	103.619313	2236.00	2230.30	5.70	FBE	42.0	42.1	SB60867	SB60871		
3/4/2014	4879	SB60867	42.0	SM5068	0.322		174+46.1		17446.1	8 IN	X56	XR	48.759818	103.619311	2236.40	2231.00	5.40	FBE	42.2	41.9	SB60871	SB60867		
3/4/2014	4880	SB60871	42.2	SM5069	0.322		174+88.3		17488.3	8 IN	X56	XR	48.759702	103.619309	2238.40	2232.70	5.70	FBE	42.0	42.0	SB60871	SB60867		
3/4/2014	4881	SB60871	42.0	SM5070	0.322		175+30.3		17530.3	8 IN	X56	XR	48.759587	103.619306	2240.30	2234.80	5.50	FBE	42.2	42.2	SB60867	SB60871		
3/4/2014	4882	SB60867	42.2	SM5071	0.322		175+72.5		17572.5	8 IN	X56	XR	48.759472	103.619303	2241.80	2236.00	5.80	FBE	42.1	42.0	SB60875	SB60871		
3/4/2014	4883	SB60875	42.1	SM5072	0.322		176+14.5		17614.5	8 IN	X56	XR	48.759357	103.619299	2242.90	2236.70	6.20	FBE	42.1	42.2	SB60875	SB60867		
3/4/2014	4884	SB60875	42.1	SM5073	0.322		176+56.6		17656.6	8 IN	X56	XR	48.759241	103.619296	2242.40	2236.70	5.70	FBE	22.4	42.1	SB60875	SB60875		
3/4/2014	4885	SB60875	22.4	SM5073	0.322		176+79.0	P.I. < 2°57'38" LT.	17679.0	8 IN	X56	XR	48.759180	103.619297	2244.60	2237.80	6.80	FBE	20.2	42.1	TC1211-169	SB60875		
3/4/2014	598A	TC1211-169	20.2	SM5074	0.322		176+99.2		17699.2	8 IN	X56	XR	48.759125	103.619293	2244.70	2238.40	6.30	FBE	42.2	22.4	SB60863	SB60875		
3/4/2014	4886	SB60863	42.2	SM5075	0.322		177+41.4		17741.4	8 IN	X56	XR	48.759009	103.619290	2246.00	2240.10	5.90	FBE	41.1	20.2	SB60873	TC1211-169		
3/4/2014	4887	SB60873	41.1	SMT680	0.322		177+82.5		17782.5	8 IN	X56	XR	48.758897	103.619286	2247.50	2242.30	5.20	FBE	22.1	42.2	SC1212-113	SB60863		
3/4/2014	4888	SC1212-113	22.1	SMT681	0.322		178+04.6		17804.6	8 IN	X56	XR	48.758836	103.619284	2249.46	2243.80	5.66	FBE	50.0	41.1	SC1215-8	SB60873		
3/4/2014	612	SC1215-8	50.0	SM618	0.322		178+54.6		17854.6	8 IN	X56	XR	48.758700	103.619282	2253.64	2248.00	5.64	FBE	48.7	22.1	SC1213-101	SC1212-113		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 178	SHEET No. 78 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	613	SC1213-101	48.7	SM619	0.322		179+03.3		17903.3	8 IN	X56	XR	48.758567	103.619285	2256.40	2251.30	5.10	FBE	50.1	50.0	NC0747-143	SC1215-8		
3/4/2014	614	NC0747-143	50.1	SM620	0.322		179+53.4		17953.4	8 IN	X56	XR	48.758429	103.619287	2260.40	2254.30	6.10	FBE	50.4	48.7	NC0744-1F	SC1213-101		
3/4/2014	615	NC0744-1F	50.4	SM621	0.322		180+03.9		18003.9	8 IN	X56	XR	48.758291	103.619286	2262.30	2256.10	6.20	FBE	50.3	50.1	NC0745-99	NC0747-143		
3/4/2014	616	NC0745-99	50.3	SM622	0.322		180+54.1		18054.1	8 IN	X56	XR	48.758154	103.619284	2262.30	2257.70	4.60	FBE	50.4	50.4	SC1209-104	NC0744-1F		
3/4/2014	617	SC1209-104	50.4	SM623	0.322		181+04.6		18104.6	8 IN	X56	XR	48.758015	103.619283	2263.70	2258.30	5.40	FBE	50.2	50.3	NC0744-145	NC0745-99		
3/4/2014	618	NC0744-145	50.2	SM624	0.322		181+54.7		18154.7	8 IN	X56	XR	48.757878	103.619281	2264.00	2258.90	5.10	FBE	50.4	50.4	NC0744-110	SC1209-104		
3/4/2014	619	NC0744-110	50.4	SM625	0.322		182+05.2		18205.2	8 IN	X56	XR	48.757740	103.619276	2264.00	2258.80	5.20	FBE	50.2	50.2	NC0747-143	NC0744-145		
3/4/2014	620	NC0747-143	50.2	SM626	0.322		182+55.4		18255.4	8 IN	X56	XR	48.757602	103.619271	2262.55	2258.00	4.55	FBE	50.2	50.4	NC0748-140	NC0744-110		
3/4/2014	621	NC0748-140	50.2	SM627	0.322		183+05.5		18305.5	8 IN	X56	XR	48.757465	103.619269	2259.45	2255.30	4.15	FBE	51.1	50.2	SC1207-13	NC0747-143		
3/4/2014	622	SC1207-13	51.1	SM628	0.322		183+56.6		18356.6	8 IN	X56	XR	48.757326	103.619266	2254.65	2250.00	4.65	FBE	50.3	50.2	NC0747-139	NC0748-140		
3/4/2014	623	NC0747-139	50.3	SM629	0.322		184+06.9		18406.9	8 IN	X56	XR	48.757189	103.619266	2248.95	2244.30	4.65	FBE	50.3	51.1	SC1207-4	SC1207-13		
3/4/2014	624	SC1207-4	50.3	SM631	0.322		184+57.2		18457.2	8 IN	X56	XR	48.757052	103.619265	2243.95	2238.90	5.05	FBE	49.8	50.3	NC0749-150	NC0747-139		
3/4/2014	625	NC0749-150	49.8	SM632	0.322		185+07.0		18507.0	8 IN	X56	XR	48.756915	103.619263	2242.00	2236.30	5.70	FBE	50.5	50.3	NC0744-110	SC1207-4		
3/4/2014	626	NC0744-110	50.5	SMT80	0.322		185+57.6		18557.6	8 IN	X56	XR	48.756777	103.619259	2240.60	2234.50	6.10	FBE	50.1	49.8	SC1207-4	NC0749-150		
3/4/2014	627	SC1207-4	50.1	SM630	0.322		186+07.7		18607.7	8 IN	X56	XR	48.756640	103.619253	2239.00	2234.60	4.40	FBE	49.8	50.5	NC0741-175	NC0744-110		
3/4/2014	628	NC0741-175	49.8	SMT81	0.322		186+57.4		18657.4	8 IN	X56	XR	48.756503	103.619250	2240.35	2235.60	4.75	FBE	42.9	50.1	NC0747-154	SC1207-4		
3/4/2014	629	NC0747-154	42.9	SM633	0.322		187+00.4		18700.4	8 IN	X56	XR	48.756386	103.619251	2241.40	2237.40	4.00	FBE	50.5	49.8	SC1214-147	NC0741-175		
3/4/2014	630	SC1214-147	50.5	SM634	0.322		187+50.8		18750.8	8 IN	X56	XR	48.756247	103.619252	2243.00	2238.10	4.90	FBE	49.5	42.9	SC1214-147	NC0747-154		
3/4/2014	631	SC1214-147	49.5	SM635	0.322		188+00.3		18800.3	8 IN	X56	XR	48.756112	103.619252	2243.70	2238.00	5.70	FBE	50.7	50.5	NC0748-144	SC1214-147		
3/4/2014	632	NC0748-144	50.7	SM636	0.322		188+51.0		18851.0	8 IN	X56	XR	48.755973	103.619254	2246.90	2241.10	5.80	FBE	50.4	49.5	NC0748-144	SC1214-147		
3/4/2014	633	NC0748-144	50.4	SM637	0.322		189+01.4		18901.4	8 IN	X56	XR	48.755835	103.619253	2248.00	2242.20	5.80	FBE	31.6	50.7	NC0748-144	NC0748-144		
3/4/2014	634	NC0748-144	31.6	SM638	0.322		189+32.9		18932.9	8 IN	X56	XR	48.755749	103.619251	2247.10	2241.80	5.30	FBE	50.1	50.4	NC0748-140	NC0748-144		
3/4/2014	635	NC0748-140	50.1	SM639	0.322		189+83.1		18983.1	8 IN	X56	XR	48.755611	103.619247	2247.60	2242.00	5.60	FBE	50.3	31.6	NC0743-23	NC0748-144		
3/4/2014	636	NC0743-23	50.3	SM640	0.322		190+33.4		19033.4	8 IN	X56	XR	48.755473	103.619244	2248.30	2242.90	5.40	FBE	50.3	50.1	SC1210-21	NC0748-140		
3/4/2014	637	SC1210-21	50.3	SM641	0.322		190+83.7		19083.7	8 IN	X56	XR	48.755335	103.619242	2248.60	2242.50	6.10	FBE	50.2	50.3	SC1210-21	NC0743-23		
3/4/2014	638	SC1210-21	50.2	SM642	0.322		191+33.9		19133.9	8 IN	X56	XR	48.755198	103.619240	2246.40	2240.30	6.10	FBE	47.2	50.3	NC0745-99	SC1210-21		
3/4/2014	639	NC0745-99	47.2	SM643	0.322		191+81.1		19181.1	8 IN	X56	XR	48.755069	103.619237	2243.60	2238.70	4.90	FBE	50.2	50.2	NC0744-145	SC1210-21		
3/4/2014	640	NC0744-145	50.2	SM644	0.322		192+31.3		19231.3	8 IN	X56	XR	48.754931	103.619234	2242.60	2237.70	4.90	FBE	49.3	47.2	NC0747-141	NC0745-99		
3/4/2014	641	NC0747-141	49.3	SM645	0.322		192+80.6		19280.6	8 IN	X56	XR	48.754796	103.619233	2241.20	2236.90	4.30	FBE	50.5	50.2	NC0747-141	NC0744-145		
3/4/2014	642	NC0747-141	50.5	SM646	0.322		193+31.0		19331.0	8 IN	X56	XR	48.754658	103.619231	2239.95	2234.90	5.05	FBE	50.2	49.3	NC0744-98	NC0747-141		
3/4/2014	643	NC0744-98	50.2	SM647	0.322		193+81.3		19381.3	8 IN	X56	XR	48.754520	103.619229	2237.35	2232.40	4.95	FBE	50.4	50.5	NC0749-85	NC0747-141		
3/4/2014	644	NC0749-85	50.4	SM648	0.322		194+31.6		19431.6	8 IN	X56	XR	48.754383	103.619226	2236.00	2230.10	5.90	FBE	49.8	50.2	SC1207-86	NC0744-98		
3/4/2014	645	SC1207-86	49.8	SM649	0.322		194+81.4		19481.4	8 IN	X56	XR	48.754246	103.619225	2233.90	2227.80	6.10	FBE	50.2	50.4	NC0746-81	NC0749-85		
3/4/2014	646	NC0746-81	50.2	SM650	0.322		195+31.7		19531.7	8 IN	X56	XR	48.754109	103.619224	2231.90	2226.20	5.70	FBE	50.4	49.8	NC0746-12	SC1207-86		
3/4/2014	647	NC0746-12	50.4	SM651	0.322		195+82.1		19582.1	8 IN	X56	XR	48.753971	103.619223	2231.00	2225.20	5.80	FBE	49.2	50.2	SC1207-14	NC0746-81		
3/4/2014	648	SC1207-14	49.2	SM652	0.322		196+31.2		19631.2	8 IN	X56	XR	48.753836	103.619221	2230.90	2225.80	5.10	FBE	50.1	50.4	NC0748-8	NC0746-12		
3/4/2014	649	SC1208-8	50.1	SM653	0.322		196+81.3		19681.3	8 IN	X56	XR	48.753698	103.619219	2231.70	2226.20	5.50	FBE	50.4	49.2	NC0743-23	SC1207-14		
3/4/2014	650	NC0743-23	50.4	SM654	0.322		197+31.7		19731.7	8 IN	X56	XR	48.753560	103.619217	2231.80	2226.40	5.40	FBE	50.0	50.1	SC1207-4	SC1208-8		
3/4/2014	651	SC1207-4	50.0	SM655	0.322		197+81.7		19781.7	8 IN	X56	XR	48.753423	103.619215	2232.00	2227.10	4.90	FBE	50.3	50.4	SC1214-148	NC0743-23		
3/4/2014	652	SC1214-148	50.3	SM656	0.322		198+32.0		19832.0	8 IN	X56	XR	48.753285	103.619214	2232.40	2226.90	5.50	FBE	50.3	50.0	SC1214-47	SC1207-4		
3/4/2014	653	SC1214-47	50.3	SM657	0.322		198+82.3		19882.3	8 IN	X56	XR	48.753148	103.619213	2232.00	2226.60	5.40	FBE	50.1	50.3	SC1208-17	SC1214-148		
3/4/2014	654	SC1208-17	50.1	SM658	0.322		199+32.4		19932.4	8 IN	X56	XR	48.753010	103.619212	2231.50	2226.30	5.20	FBE	49.9	50.3	SC1208-17	SC1214-47		
3/4/2014	655	SC1208-17	49.9	SM659	0.322		199+82.2		19982.2	8 IN	X56	XR	48.752874	103.619209	2231.00	2226.20	4.80	FBE	50.2	50.1	SC1207-13	SC1208-17		
3/4/2014	656	SC1207-13	50.2	SM660	0.322		200+32.4		20032.4	8 IN	X56	XR	48.752736	103.619209	2231.00	2225.80	5.20	FBE	50.2	49.9	SC1207-5	SC1208-17		
3/4/2014	657	SC1207-5	50.2	SM661	0.322		200+82.7		20082.7	8 IN	X56	XR	48.752599	103.619205	2231.10	2225.80	5.30	FBE	49.6	50.2	SC1208-6	SC1207-13		
3/4/2014	658	SC1208-6	49.6	SM662	0.322		201+32.3		20132.3	8 IN	X56	XR	48.752463	103.619204	2230.70	2225.20	5.50	FBE	50.5	50.2	SC1212-11	SC1207-5		
3/4/2014	659	SC1212-11	50.5	SM663	0.322		201+82.8		20182.8	8 IN	X56	XR	48.752324	103.619203	2230.20	2225.00	5.20	FBE	49.3	49.6	NC0746-9	SC1208-6		
3/4/2014	660	NC0746-9	49.3	SM664	0.322		202+32.1		20232.1	8 IN	X56	XR	48.752189	103.619201	2229.30	2224.00	5.30	FBE	50.3	50.5	SC1208-17	SC1212-11		
3/4/2014	661	SC1208-17	50.3	SM665	0.322		202+82.4		20282.4	8 IN	X56	XR	48.752051	103.619196	2228.70	2223.10	5.60	FBE	50.4	49.3	NC0746-9	NC0746-9		
3/4/2014	662	NC0746-9	50.4	SMT93	0.322		203+32.7		20332.7	8 IN	X56	XR	48.751913	103.619198	2227.20	2222.50	4.70	FBE	28.1	50.3	SC1208-3	SC1208-17		
3/4/2014	663	SC1208-3	28.1	SMT94	0.322		203+60.9	P.I. < 2°13'01" LT.	20360.9	8 IN	X56	XR	48.751836	103.619202	2226.30	2222.00	4.30	FBE	6.5	50.4	C30174	NC0746-9		
3/4/2014	F7	C30174	6.5	SMT95	0.322	FACTORY BEND	203+67.4	P.I. < 2°51'31" RT.	20367.4	8 IN	X56	XR	48.751821	103.619212	2226.30	2221.90	4.40	FBE	48.2	28.1	NC0743-10	SC1208-3		
3/4/2014	664	NC0743-10	48.2	SM666	0.322		204+15.6	P.I. < 2°23'24" RT.	20415.6	8 IN	X56	XR	48.751733	103.619361	2224.20	2219.80	4.40	FBE	50.0	6.5	SC1208-8	C30174		
3/4/2014	665	SC1208-8	50.0	SM667	0.322		204+65.6		20465.6	8 IN	X56	XR	48.751646	103.619521	2222.00	2216.80	5.20	FBE	50.3	48.2	NC0747-154	NC0743-10		
3/4/2014	667	NC0747-154	50.3	SM668	0.322		205+15.9		20515.9	8 IN	X56	XR	48.751559	103.619682	2218.80	2213.50	5.30	FBE	50.5	50.0	NC0747-139	SC1208-8		
3/4/2014	668	NC0747-139	50.5	SM669	0.322		205+66.5		20566.5	8 IN	X56	XR	48.751471	103.619843	2214.80	2209.50	5.30	FBE	50.0	50.3	NC0747-141	NC0747-154		
3/4/2014	669	NC0747-141	50.0	SM670	0.322		206+16.5		20616.5	8 IN	X56	XR	48.751384	103.620002	2211.10	2205.70	5.40	FBE	50.4	50.5	TC1211-153	NC0747-139		
3/4/2014	670	TC1211-153	50.4	SM671	0.322		206+66.8		20666.8	8 IN	X56	XR	48.751298	103.620164	2207.60	2202.30	5.30	FBE	49.5	50.0	NC0747-143	NC0747-141		
3/4/2014	671	NC0747-143	49.5	SM672	0.322		207+16.3		20716.3	8 IN	X56	XR	48.751212	103.620323	2204.00	2199.30	4.70	FBE	50.5	50.4	NC0748-144	TC1211-153		
3/4/2014	672	NC0748-144	50.5	SM673	0.322		207+66.8		20766.8	8 IN	X56	XR	48.751124	103.620484	2201.00	2196.10	4.90	FBE	50.2	49.5	NC0747-141	NC0747-143		
3/4/2014	673	NC0747-141	50.2	SM674	0.322		208+17.0		20817.0	8 IN	X56	XR	48.751036	103.620644	2199.20	2194.90	4.30	FBE	50.1	50.5	NC0747-141	NC0748-144		
3/4/2014	674	NC0747-141	50.1	SMT82	0.322		208+67.1		20867.1	8 IN	X56	XR	48.750949	103.620805	2198.70	2194.40	4.30	FBE	49.5	50.2	NC0748-142	NC0747-141		
3/4/2014	675	NC0748-142	49.5	SM675	0.322		209+16.6		20916.6	8 IN	X56	XR	48.750862	103.620962	2198.20	2194.10	4.10	FBE	50.4	50.1	NC0747-143	NC0747-141		
3/4/2014	676	NC0747-143	50.4	SMT83	0.322		209+67.0		20967.0	8 IN	X56	XR	48.750774	103.621123	2199.70	2194.30	5.40	FBE	49.8	49.5	SC1214-148	NC0748-142		
3/4/2014	677	SC1214-148	49.8	SMT84	0.322		210+16.8		21016.8	8 IN	X56	XR	48.750686	103.621281	2202.70	2196.70	6.00	FBE	50.0	50.4	SC1207-13	NC0747-143		
3/4/2014	678	SC1207-13	50.0	SM676	0.322		210+66.8		21066.8	8 IN	X56	XR	48.750599	103.621440	2204.10	2198.60	5.50	FBE	50.4	49.8	NC0749-138	SC1214-148		
3/4/2014	679	NC0749-138	50.4	SM677	0.322		211+17.2		21117.2	8 IN	X56	XR	48.750511	103.621601	2205.40	2199.90	5.50	FBE	50.2	50.0	SC1214-147	SC1207-13		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 179	SHEET No. 79 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	680	SC1214-147	50.2	SM678	0.322		211+67.4		21167.4	8 IN	X56	XR	48.750424	103.621762	2207.50	2201.50	6.00	FBE	50.4	50.4	NC0747-154	NC0749-138		
3/4/2014	681	NC0747-154	50.4	SM679	0.322		212+17.7		21217.7	8 IN	X56	XR	48.750336	103.621923	2209.60	2203.70	5.90	FBE	50.3	50.2	NC0747-133	SC1214-147		
3/4/2014	682	NC0747-133	50.3	SM680	0.322		212+68.0	P.I. < 2°06'38" RT.	21268.0	8 IN	X56	XR	48.750247	103.622082	2209.60	2204.60	5.00	FBE	50.3	50.4	NC0748-142	NC0747-154		
3/4/2014	683	NC0748-142	50.3	SMT	0.322		213+18.3		21318.3	8 IN	X56	XR	48.750162	103.622246	2209.60	2204.20	5.40	FBE	12.7	50.3	SC1208-3	NC0747-133		
3/4/2014	663A	SC1208-3	12.7	SMT	0.322		213+31.0		21331.0	8 IN	X56	XR	48.750140	103.622286	2209.60	2204.20	5.40	FBE	6.2	50.3	C30174	NC0748-142		
3/4/2014	F8	C30174	6.2	SMT	0.322	FACTORY BEND	213+37.2	P.I. < 4°30'02" RT.	21337.2	8 IN	X56	XR	48.750134	103.622309	2209.60	2204.10	5.50	FBE	48.8	12.7	NC0747-139	SC1208-3		
3/4/2014	685	NC0747-139	48.8	SM681	0.322		213+86.0		21386.0	8 IN	X56	XR	48.750137	103.622511	2208.50	2203.10	5.40	FBE	50.2	6.2	TC1211-153	C30174		
3/4/2014	686	TC1211-153	50.2	SM682	0.322		214+36.2		21436.2	8 IN	X56	XR	48.750139	103.622720	2208.50	2202.80	5.70	FBE	50.3	48.8	NC0745-151	NC0747-139		
3/4/2014	687	NC0745-151	50.3	SM683	0.322		214+86.6		21486.6	8 IN	X56	XR	48.750140	103.622928	2208.30	2202.50	5.80	FBE	49.7	50.2	NC0749-138	TC1211-153		
3/4/2014	688	NC0749-138	49.7	SM684	0.322		215+36.3		21536.3	8 IN	X56	XR	48.750140	103.623134	2207.20	2201.40	5.80	FBE	50.3	50.3	NC0749-146	NC0745-151		
3/4/2014	689	NC0749-146	50.3	SM685	0.322		215+86.6		21586.6	8 IN	X56	XR	48.750140	103.623342	2205.20	2199.70	5.50	FBE	39.4	49.7	NC0747-141	NC0749-138		
3/4/2014	690	NC0747-141	39.4	SMT99	0.322		216+26.0		21626.0	8 IN	X56	XR	48.750142	103.623506	2203.65	2198.90	4.75	FBE	12.8	50.3	NC0745-2	NC0749-146		
3/4/2014	539A	NC0745-2	12.8	SMT100	0.322		216+38.8	P.I. < 11°02'46" LT.	21638.8	8 IN	X56	XR	48.750141	103.623559	2203.65	2198.30	5.35	FBE	6.2	39.4	C30174	NC0747-141		
3/4/2014	F9	C30174	6.2	SMT101	0.322	FACTORY BEND	216+45.0	P.I. < 3°35'56" LT.	21645.0	8 IN	X56	XR	48.750133	103.623580	2203.65	2197.90	5.75	FBE	49.9	12.8	NC0741-175	NC0745-2		
3/4/2014	691	NC0741-175	49.9	SM686	0.322		216+94.9		21694.9	8 IN	X56	XR	48.750024	103.623705	2203.10	2197.30	5.80	FBE	49.8	6.2	NC0742-112	C30174		
3/4/2014	692	NC0742-112	49.8	SMT102	0.322		217+44.7		21744.7	8 IN	X56	XR	48.749914	103.623828	2203.10	2198.60	4.50	FBE	41.2	49.9	D48763	NC0741-175		
3/4/2014	693BR	D48763	41.2	SMB158		CALCULATED BORE	217+85.9		21785.9		X56	XR	48.749826	103.623933	2203.10	2194.57	8.53	ARO	41.2	49.8	D48765	NC0742-112		NOTE 1
3/4/2014	694BR	D48765	41.2	SMB159		CALCULATED BORE	218+27.1		21827.1		X56	XR	48.749737	103.624039	2202.34	2192.36	9.98	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	695BR	D48765	41.2	SMB160		CALCULATED BORE	218+68.3		21868.3		X56	XR	48.749649	103.624145	2206.99	2191.98	15.01	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	696BR	D48763	41.2	SMB161		CALCULATED BORE	219+09.5		21909.5		X56	XR	48.749560	103.624251	2203.10	2193.42	9.68	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	697BR	D48765	41.2	SMB162		CALCULATED BORE	219+50.7		21950.7		X56	XR	48.749472	103.624356	2203.10	2196.69	6.41	ARO	32.1	41.2	D48765	D48763		NOTE 1
3/4/2014	698BR	D48765	32.1	SMT126	0.322		219+82.8	P.I. < 3°36'09" RT.	21982.8	8 IN	X56	XR	48.749403	103.624438	2206.70	2200.50	6.20	ARO	6.1	41.2	TC1211-59	D48765		
3/4/2014	700	TC1211-59	6.1	SMT127	0.322		219+88.9	P.I. < 2°30'42" RT.	21988.9	8 IN	X56	XR	48.749391	103.624455	2206.70	2200.40	6.30	FBE	9.3	32.1	NC074502	D48765		
3/4/2014	539B	NC074502	9.3	SMT104	0.322		219+98.2	P.I. < 5°39'16" LT.	21998.2	8 IN	X56	XR	48.749373	103.624482	2206.70	2200.70	6.00	FBE	6.2	6.1	C60174	TC1211-59		
3/4/2014	F10	C60174	6.2	SMT105	0.322	FACTORY BEND	220+04.4	P.I. < 6°39'34" LT.	22004.4	8 IN	X56	XR	48.749357	103.624491	2206.70	2200.90	5.80	FBE	10.6	9.3	NC0747-141	NC074502		
3/4/2014	690A	NC0747-141	10.6	SMT106	0.322		220+15.0		22015.0	8 IN	X56	XR	48.749329	103.624491	2206.70	2201.40	5.30	FBE	49.2	6.2	NC0747-139	C60174		
3/4/2014	701	NC0747-139	49.2	SM687	0.322		220+64.2		22064.2	8 IN	X56	XR	48.749194	103.624492	2206.70	2202.00	4.70	FBE	50.3	10.6	NC0747-159	NC0747-141		
3/4/2014	702	NC0747-159	50.3	SM688	0.322		221+14.5		22114.5	8 IN	X56	XR	48.749056	103.624497	2207.10	2202.00	5.10	FBE	50.2	49.2	NC0748-161	NC0747-139		
3/4/2014	703	NC0748-161	50.2	SM689	0.322		221+64.7		22164.7	8 IN	X56	XR	48.748918	103.624501	2207.40	2201.70	5.70	FBE	48.8	50.3	NC0744-116	NC0747-159		
3/4/2014	704	NC0744-116	48.8	SM690	0.322		222+13.5		22213.5	8 IN	X56	XR	48.748784	103.624505	2207.30	2202.00	5.30	FBE	50.2	50.2	NC0742-38	NC0748-161		
3/4/2014	705	NC0742-38	50.2	SM691	0.322		222+63.8		22263.8	8 IN	X56	XR	48.748647	103.624509	2205.90	2200.80	5.10	FBE	49.7	48.8	NC0741-177	NC0744-116		
3/4/2014	706	NC0741-177	49.7	SM692	0.322		223+13.5		22313.5	8 IN	X56	XR	48.748511	103.624512	2204.20	2198.10	6.10	FBE	50.3	50.2	NC0744-160	NC0742-38		
3/4/2014	707	NC0744-160	50.3	SM693	0.322		223+63.7		22363.7	8 IN	X56	XR	48.748373	103.624516	2201.70	2196.50	5.20	FBE	50.8	49.7	NC0746-18	NC0741-177		
3/4/2014	708	NC0746-18	50.8	SM694	0.322		224+14.5		22414.5	8 IN	X56	XR	48.748234	103.624522	2200.90	2195.50	5.40	FBE	50.4	50.3	NC0746-18	NC0744-160		
3/4/2014	709	NC0746-18	50.4	SM695	0.322		224+64.9		22464.9	8 IN	X56	XR	48.748096	103.624528	2200.10	2194.70	5.40	FBE	50.2	50.8	NC0741-92	NC0746-18		
3/4/2014	710	NC0741-92	50.2	SM696	0.322		225+15.1		22515.1	8 IN	X56	XR	48.747958	103.624531	2200.50	2195.20	5.30	FBE	50.4	50.4	SC1212-11	NC0746-18		
3/4/2014	711	SC1212-11	50.4	SM697	0.322		225+65.5		22565.5	8 IN	X56	XR	48.747820	103.624532	2201.40	2196.40	5.00	FBE	50.3	50.2	NC0744-160	NC0741-92		
3/4/2014	712	NC0744-160	50.3	SM698	0.322		226+15.8		22615.8	8 IN	X56	XR	48.747682	103.624534	2202.90	2197.60	5.30	FBE	50.2	50.4	SC1214-147	SC1212-11		
3/4/2014	713	SC1214-147	50.2	SM699	0.322		226+66.1		22666.1	8 IN	X56	XR	48.747545	103.624538	2204.60	2199.00	5.60	FBE	50.0	50.3	NC0745-151	NC0744-160		
3/4/2014	714	NC0745-151	50.0	SM700	0.322		227+16.0		22716.0	8 IN	X56	XR	48.747408	103.624542	2206.40	2201.20	5.20	FBE	50.0	50.2	SC1207-14	SC1214-147		
3/4/2014	715	SC1207-14	50.0	SM701	0.322		227+66.0		22766.0	8 IN	X56	XR	48.747271	103.624545	2208.90	2203.50	5.40	FBE	50.2	50.0	SC1212-11	NC0745-151		
3/4/2014	716	SC1212-11	50.2	SM702	0.322		228+16.3		22816.3	8 IN	X56	XR	48.747134	103.624551	2211.10	2205.40	5.70	FBE	50.3	50.0	NC0746-12	SC1207-14		
3/4/2014	717	NC0746-12	50.3	SM703	0.322		228+66.6		22866.6	8 IN	X56	XR	48.746996	103.624555	2213.30	2207.60	5.70	FBE	50.2	50.2	SC1208-7	SC1212-11		
3/4/2014	718	SC1208-7	50.2	SM704	0.322		229+16.8		22916.8	8 IN	X56	XR	48.746859	103.624560	2215.80	2210.10	5.70	FBE	50.0	50.3	NC0746-18	NC0746-12		
3/4/2014	719	NC0746-18	50.0	SM705	0.322		229+66.8		22966.8	8 IN	X56	XR	48.746721	103.624563	2217.30	2211.60	5.70	FBE	50.2	50.2	SC1207-14	SC1208-7		
3/4/2014	720	SC1207-14	50.2	SM706	0.322		230+17.0		23017.0	8 IN	X56	XR	48.746584	103.624567	2217.30	2211.90	5.40	FBE	49.6	50.0	SC1207-13	NC0746-18		
3/4/2014	721	SC1207-13	49.6	SM707	0.322		230+66.5		23066.5	8 IN	X56	XR	48.746448	103.624570	2217.20	2212.40	4.80	FBE	50.6	50.2	SC1214-147	SC1207-14		
3/4/2014	722	SC1214-147	50.6	SM708	0.322		231+17.1		23117.1	8 IN	X56	XR	48.746310	103.624573	2219.40	2214.50	4.90	FBE	50.3	49.6	NC0747-139	SC1207-13		
3/4/2014	723	NC0747-139	50.3	SM709	0.322		231+67.4		23167.4	8 IN	X56	XR	48.746172	103.624579	2221.20	2216.00	5.20	FBE	50.2	50.6	NC0748-134	SC1214-147		
3/4/2014	724	NC0748-134	50.2	SM710	0.322		232+17.6		23217.6	8 IN	X56	XR	48.746034	103.624585	2222.00	2217.10	4.90	FBE	50.2	50.3	SC1208-8	NC0747-139		
3/4/2014	725	SC1208-8	50.2	SM711	0.322		232+67.8		23267.8	8 IN	X56	XR	48.745897	103.624585	2222.40	2217.60	4.80	FBE	50.3	50.2	SC1208-7	NC0748-134		
3/4/2014	726	SC1208-7	50.3	SM712	0.322		233+18.1		23318.1	8 IN	X56	XR	48.745759	103.624587	2223.00	2215.70	7.30	FBE	50.2	50.2	NC0749-138	SC1208-8		
3/4/2014	727	NC0749-138	50.2	SM713	0.322		233+68.3		23368.3	8 IN	X56	XR	48.745622	103.624591	2222.00	2215.30	6.70	FBE	50.4	50.3	NC0749-146	SC1208-7		
3/4/2014	728	NC0749-146	50.4	SM714	0.322		234+18.8		23418.8	8 IN	X56	XR	48.745484	103.624594	2220.30	2215.40	4.90	FBE	50.1	50.2	SC1208-17	NC0749-138		
3/4/2014	729	SC1208-17	50.1	SM715	0.322		234+68.8		23468.8	8 IN	X56	XR	48.745346	103.624598	2219.30	2213.90	5.40	FBE	50.2	50.4	SC1208-6	NC0749-146		
3/4/2014	730	SC1208-6	50.2	SM716	0.322		235+19.1		23519.1	8 IN	X56	XR	48.745209	103.624602	2217.90	2212.60	5.30	FBE	50.4	50.1	SC1208-7	SC1208-17		
3/4/2014	731	SC1208-7	50.4	SM717	0.322		235+69.4		23569.4	8 IN	X56	XR	48.745071	103.624604	2216.42	2210.60	5.82	FBE	50.3	50.2	NC0743-10	SC1208-6		
3/4/2014	732	NC0743-10	50.3	SMT75	0.322		236+19.7		23619.7	8 IN	X56	XR	48.744933	103.624606	2214.70	2208.70	6.00	FBE	49.5	50.4	SC1207-14	SC1208-7		
3/4/2014	733	SC1207-14	49.5	SM719	0.322		236+69.2		23669.2	8 IN	X56	XR	48.744798	103.624611	2214.20	2208.10	6.10	FBE	50.2	50.3	SC1207-4	NC0743-10		
3/4/2014	734	SC1207-4	50.2	SMT76	0.322		237+19.3		23719.3	8 IN	X56	XR	48.744660	103.624612	2215.70	2210.40	5.30	FBE	48.4	49.5	NC0744-152	SC1207-14		
3/4/2014	735	NC0744-152	48.4	SM718	0.322		237+67.8		23767.8	8 IN	X56	XR	48.744528	103.624614	2217.60	2212.60	5.00	FBE	50.4	50.2	SC1207-5	SC1207-4		
3/4/2014	736	SC1207-5	50.4	SM720	0.322		238+18.2		23818.2	8 IN	X56	XR	48.744390	103.624619	2217.30	2211.70	5.60	FBE	46.6	48.4	SC1208-6	NC0744-152		
3/4/2014	737	SC1208-6	46.6	SM721	0.322		238+64.7		23864.7	8 IN	X56	XR	48.744262	103.624623	2215.90	2210.40	5.50	FBE	49.4	50.4	NC1207-4	SC1207-5		
3/4/2014	738	NC1207-4	49.4	SM722	0.322		239+14.1		23914.1	8 IN	X56	XR	48.744127	103.624627	2215.60	2210.00	5.60	FBE	50.3	46.6	SC1208-3	SC1208-6		
3/4/2014	739	SC1208-3	50.3	SM723	0.322		239+64.4		23964.4	8 IN	X56	XR	48.743989	103.624632	2215.70	2210.20	5.50	FBE	49.2	49.4	SC1208-3	NC1207-4		
3/4/2014	740	SC1208-3	49.2	SM724	0.322		240+13.6		24013.6	8 IN	X56	XR	48.743854	103.624636	2214.90	2210.00	4.90	FBE	43.9	50.3	NC0744-1F	SC1208-3		
3/4/2014	741	NC0744-1F	43.9	SM725	0.322		240+57.6		24057.6	8 IN	X56	XR	48.743734	103.624639	2213.70	2208.90	4.80	FBE	50.2	49.2	NC0744-1F	SC1208-3		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY:
PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 180	SHEET No. 80 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	742	NC0744-1F	50.2	SM726	0.322		241+07.8		24107.8	8 IN	X56	XR	48.743596	103.624644	2213.40	2208.00	5.40	FBE	50.3	43.9	SC1208-3	NC0744-1F		
3/4/2014	743	SC1208-3	50.3	SM727	0.322		241+58.1		24158.1	8 IN	X56	XR	48.743458	103.624648	2212.80	2207.50	5.30	FBE	48.7	50.2	NC0746-9	NC0744-1F		
3/4/2014	744	NC0746-9	48.7	SM728	0.322		242+06.8		24206.8	8 IN	X56	XR	48.743325	103.624653	2212.50	2207.10	5.40	FBE	50.1	50.3	SC1208-7	SC1208-3		
3/4/2014	745	SC1208-7	50.1	SM729	0.322		242+56.9		24256.9	8 IN	X56	XR	48.743187	103.624655	2211.90	2206.70	5.20	FBE	50.3	48.7	SC1208-7	NC0746-9		
3/4/2014	746	SC1208-7	50.3	SM730	0.322		243+07.2		24307.2	8 IN	X56	XR	48.743050	103.624659	2211.00	2205.80	5.20	FBE	50.2	50.1	NC0746-137	SC1208-7		
3/4/2014	747	NC0746-137	50.2	SM731	0.322		243+57.4		24357.4	8 IN	X56	XR	48.742912	103.624664	2209.60	2204.30	5.30	FBE	43.1	50.3	TC1211-153	SC1208-7		
3/4/2014	748	TC1211-153	43.1	SM732	0.322		244+00.5		24400.5	8 IN	X56	XR	48.742794	103.624667	2208.70	2204.00	4.70	FBE	40.2	50.2	SC1208-6	NC0746-137		
3/4/2014	749	SC1208-6	40.2	SM733	0.322		244+40.7		24440.7	8 IN	X56	XR	48.742684	103.624669	2209.10	2204.40	4.70	FBE	50.3	43.1	NC0744-1	TC1211-153		
3/4/2014	750	NC0744-1	50.3	SM734	0.322		244+91.0	P.I. < 5°47'01" RT.	24491.0	8 IN	X56	XR	48.742546	103.624670	2210.40	2205.60	4.80	FBE	47.8	40.2	SC1212-11	SC1208-6		
3/4/2014	751	SC1212-11	47.8	SMT107	0.322		245+38.8	P.I. < 2°47'40" LT.	24538.8	8 IN	X56	XR	48.742416	103.624690	2213.40	2208.90	4.50	FBE	6.1	50.3	C30174	NC0744-1		
3/4/2014	F11	C30174	6.1	SMT108	0.322	FACTORY BEND	245+44.8	P.I. < 7°27'06" LT.	24544.8	8 IN	X56	XR	48.742401	103.624683	2213.40	2209.20	4.20	FBE	10.7	47.8	SC1212-121	SC1212-11		
3/4/2014	387A	SC1212-121	10.7	SMT109	0.322		245+55.5		24555.5	8 IN	X56	XR	48.742379	103.624655	2213.70	2209.30	4.40	FBE	37.9	6.1	SC1212-11	C30174		
3/4/2014	752	SC1212-11	37.9	SM735	0.322		245+93.5	P.I. < 4°26'12" RT.	24593.5	8 IN	X56	XR	48.742300	103.624552	2214.10	2208.50	5.60	FBE	50.3	10.7	NC0747-143	SC1212-121		
3/4/2014	753	NC0747-143	50.3	SM7356	0.322		246+43.7		24643.7	8 IN	X56	XR	48.742189	103.624429	2212.70	2207.50	5.20	FBE	50.2	37.9	NC0748-144	SC1212-11		
3/4/2014	754	NC0748-144	50.2	SM737	0.322		246+93.9		24693.9	8 IN	X56	XR	48.742078	103.624307	2212.90	2207.30	5.60	FBE	50.2	50.3	NC0744-152	NC0747-143		
3/4/2014	755	NC0744-152	50.2	SM738	0.322		247+44.1		24744.1	8 IN	X56	XR	48.741967	103.624182	2212.60	2207.00	5.60	FBE	49.6	50.2	NC0747-154	NC0748-144		
3/4/2014	756	NC0747-154	49.6	SM739	0.322		247+93.8		24793.8	8 IN	X56	XR	48.741858	103.624060	2212.70	2207.10	5.60	FBE	49.4	50.2	NC0747-146	NC0744-152		
3/4/2014	757	NC0747-146	49.4	SM740	0.322		248+43.1		24843.1	8 IN	X56	XR	48.741749	103.623938	2212.90	2207.20	5.70	FBE	50.3	49.6	NC0746-12	NC0747-154		
3/4/2014	758	NC0746-12	50.3	SM741	0.322		248+93.4		24893.4	8 IN	X56	XR	48.741638	103.623814	2212.30	2206.90	5.40	FBE	50.3	49.4	SC1207-13	NC0747-146		
3/4/2014	759	SC1207-13	50.3	SM742	0.322		249+43.7		24943.7	8 IN	X56	XR	48.741528	103.623689	2211.40	2207.00	4.40	FBE	50.3	50.3	NC0746-12	NC0746-12		
3/4/2014	760	NC0746-12	50.3	SMT110	0.322		249+94.0		24994.0	8 IN	X56	XR	48.741418	103.623564	2212.40	2207.00	5.40	FBE	23.1	50.3	SC1212-11	SC1207-13		
3/4/2014	761A	SC1212-11	23.1	SMT111	0.322		250+17.1	P.I. < 14°10'25" RT.	25017.1	8 IN	X56	XR	48.741367	103.623507	2212.40	2207.00	5.40	FBE	3.8	50.3	C30174	NC0746-12		
3/4/2014	F12	C30174	3.8	SMT112	0.322	FACTORY BEND	250+20.9		25020.9	8 IN	X56	XR	48.741357	103.623504	2212.40	2207.10	5.30	FBE	26.6	23.1	SC1212-11	SC1212-11		
3/4/2014	761	SC1212-11	26.6	SM743	0.322		250+47.4		25047.4	8 IN	X56	XR	48.741284	103.623496	2213.67	2208.00	5.67	FBE	49.5	3.8	NC0749-150	C30174		
3/4/2014	762	NC0749-150	49.5	SM744	0.322		250+96.9		25096.9	8 IN	X56	XR	48.741149	103.623488	2216.00	2210.50	5.50	FBE	50.2	26.6	SC1207-5	SC1212-11		
3/4/2014	763	SC1207-5	50.2	SM745	0.322		251+47.1		25147.1	8 IN	X56	XR	48.741012	103.623477	2219.55	2214.40	5.15	FBE	50.2	49.5	SC1208-3	NC0749-150		
3/4/2014	764	SC1208-3	50.2	SM746	0.322		251+97.3		25197.3	8 IN	X56	XR	48.740875	103.623466	2224.60	2219.50	5.10	FBE	50.2	50.2	NC0746-9	SC1207-5		
3/4/2014	765	NC0746-9	50.2	SM747	0.322		252+47.5		25247.5	8 IN	X56	XR	48.740739	103.623454	2234.10	2225.10	9.00	FBE	50.2	50.2	SC1208-6	SC1208-3		
3/4/2014	766	SC1208-6	50.2	SM748	0.322		252+97.7		25297.7	8 IN	X56	XR	48.740602	103.623443	2234.10	2229.20	4.90	FBE	50.3	50.2	SC1212-11	NC0746-9		
3/4/2014	767	SC1212-11	50.3	SM749	0.322		253+48.1		25348.1	8 IN	X56	XR	48.740464	103.623432	2237.35	2231.80	5.55	FBE	50.2	50.2	NC0744-1F	SC1208-6		
3/4/2014	768	NC0744-1F	50.2	SM750	0.322		253+98.2		25398.2	8 IN	X56	XR	48.740327	103.623421	2240.75	2235.60	5.15	FBE	50.2	50.3	NC0744-1	SC1212-11		
3/4/2014	769	NC0744-1	50.2	SM751	0.322		254+48.4		25448.4	8 IN	X56	XR	48.740190	103.623412	2244.50	2238.70	5.80	FBE	50.4	50.2	SC1208-7	NC0744-1F		
3/4/2014	770	SC1208-7	50.4	SM752	0.322		254+98.9		25498.9	8 IN	X56	XR	48.740052	103.623402	2244.80	2239.00	5.80	FBE	50.3	50.2	NC0744-145	NC0744-1		
3/4/2014	771	NC0744-145	50.3	SM753	0.322		255+49.2		25549.2	8 IN	X56	XR	48.739914	103.623392	2245.20	2239.20	6.00	FBE	50.3	50.4	SC1208-16	SC1208-7		
3/4/2014	772	SC1208-16	50.3	SM754	0.322		255+99.5		25599.5	8 IN	X56	XR	48.739777	103.623382	2244.90	2239.40	5.50	FBE	50.1	50.3	SC1207-5	NC0744-145		
3/4/2014	773	SC1207-5	50.1	SM755	0.322		256+49.6		25649.6	8 IN	X56	XR	48.739640	103.623369	2243.40	2238.40	5.00	FBE	50.1	50.3	SC1207-5	SC1208-16		
3/4/2014	774	SC1207-5	50.1	SM756	0.322		256+99.7		25699.7	8 IN	X56	XR	48.739502	103.623357	2242.10	2237.10	5.00	FBE	49.7	50.1	SC1208-7	SC1207-5		
3/4/2014	775	SC1208-7	49.7	SM757	0.322		257+49.4		25749.4	8 IN	X56	XR	48.739366	103.623346	2241.40	2236.00	5.40	FBE	50.1	50.1	NC0745-2	SC1207-5		
3/4/2014	776	NC0745-2	50.1	SM758	0.322		257+99.6		25799.6	8 IN	X56	XR	48.739229	103.623337	2239.40	2234.10	5.30	FBE	50.3	49.7	NC0746-12	SC1208-7		
3/4/2014	777	NC0746-12	50.3	SM759	0.322		258+49.8		25849.8	8 IN	X56	XR	48.739092	103.623324	2236.05	2230.80	5.25	FBE	50.3	50.1	SC1208-7	NC0745-2		
3/4/2014	778	SC1208-7	50.3	SM760	0.322		259+00.1		25900.1	8 IN	X56	XR	48.738955	103.623313	2232.31	2226.30	6.00	FBE	49.7	50.3	NC0749-150	NC0746-12		
3/4/2014	779	NC0749-150	49.7	SM761	0.322		259+49.8		25949.8	8 IN	X56	XR	48.738819	103.623303	2228.30	2222.50	5.80	FBE	49.7	50.3	SC1207-4	SC1208-7		
3/4/2014	780	SC1207-4	49.7	SM762	0.322		259+99.5		25999.5	8 IN	X56	XR	48.738683	103.623293	2227.30	2222.00	5.30	FBE	50.3	49.7	SC1207-4	NC0749-150		
3/4/2014	781	SC1207-4	50.3	SM763	0.322		260+49.8		26049.8	8 IN	X56	XR	48.738546	103.623282	2226.80	2221.20	5.60	FBE	50.2	49.7	NC0744-1F	SC1207-4		
3/4/2014	782	NC0744-1F	50.2	SM764	0.322		261+00.0		26100.0	8 IN	X56	XR	48.738408	103.623271	2225.20	2218.70	6.50	FBE	50.0	50.3	NC0747-154	SC1207-4		
3/4/2014	783	NC0747-154	50.0	SM765	0.322		261+50.1		26150.1	8 IN	X56	XR	48.738272	103.623260	2222.90	2216.40	6.50	FBE	49.8	50.2	NC0745-2	NC0744-1F		
3/4/2014	784	NC0745-2	49.8	SM766	0.322		261+99.9		26199.9	8 IN	X56	XR	48.738135	103.623248	2220.40	2214.10	6.30	FBE	50.3	50.0	SC1207-11	NC0747-154		
3/4/2014	785	SC1207-11	50.3	SM767	0.322		262+50.2		26250.2	8 IN	X56	XR	48.737998	103.623238	2217.80	2211.90	5.90	FBE	50.3	49.8	NC0749-150	NC0745-2		
3/4/2014	786	NC0749-150	50.3	SM768	0.322		263+00.5		26300.5	8 IN	X56	XR	48.737860	103.623227	2215.50	2209.70	5.80	FBE	50.2	50.3	NC0745-2	SC1207-11		
3/4/2014	787	NC0745-2	50.2	SM769	0.322		263+50.7		26350.7	8 IN	X56	XR	48.737723	103.623220	2212.50	2206.40	6.10	FBE	50.2	50.3	NC0749-150	NC0749-150		
3/4/2014	788	NC0749-150	50.2	SM770	0.322		264+00.9		26400.9	8 IN	X56	XR	48.737586	103.623212	2209.20	2203.20	6.00	FBE	50.2	50.2	NC0749-138	NC0745-2		
3/4/2014	789	NC0749-138	50.2	SM771	0.322		264+51.1		26451.1	8 IN	X56	XR	48.737449	103.623200	2206.50	2200.70	5.80	FBE	49.6	50.2	NC0748-149	NC0749-150		
3/4/2014	790	NC0748-149	49.6	SM772	0.322		265+00.7		26500.7	8 IN	X56	XR	48.737314	103.623178	2204.30	2198.50	5.80	FBE	49.4	50.2	NC0747-141	NC0749-138		
3/4/2014	791	NC0747-141	49.4	SM773	0.322		265+50.2		26550.2	8 IN	X56	XR	48.737179	103.623154	2202.20	2196.70	5.50	FBE	50.5	49.6	NC0748-149	NC0748-149		
3/4/2014	792	NC0748-149	50.5	SM774	0.322		266+00.6		26600.6	8 IN	X56	XR	48.737042	103.623128	2200.30	2195.20	5.10	FBE	50.1	49.4	NC0748-149	NC0747-141		
3/4/2014	793	NC0748-149	50.1	SM775	0.322		266+50.8		26650.8	8 IN	X56	XR	48.736906	103.623101	2200.20	2194.70	5.50	FBE	50.0	50.5	NC0744-1F	NC0748-149		
3/4/2014	794	NC0744-1F	50.0	SM776	0.322		267+00.7		26700.7	8 IN	X56	XR	48.736770	103.623074	2199.30	2194.30	5.00	FBE	50.5	50.1	SC1207-5	NC0748-149		
3/4/2014	795	SC1207-5	50.5	SM777	0.322		267+51.2		26751.2	8 IN	X56	XR	48.736633	103.623049	2198.80	2193.70	5.10	FBE	49.9	50.0	NC0744-15	NC0744-1F		
3/4/2014	796	NC0744-15	49.9	SM778	0.322		268+01.1		26801.1	8 IN	X56	XR	48.736497	103.623023	2198.10	2193.30	4.80	FBE	50.2	50.5	NC0745-151	SC1207-5		
3/4/2014	797	NC0745-151	50.2	SM779	0.322		268+51.4		26851.4	8 IN	X56	XR	48.736360	103.622996	2197.20	2192.60	4.60	FBE	50.6	49.9	SC1207-94	NC0744-15		
3/4/2014	798	SC1207-94	50.6	SM780	0.322		269+01.9		26901.9	8 IN	X56	XR	48.736223	103.622970	2196.00	2191.50	4.50	FBE	50.2	50.2	NC0742-96	NC0745-151		
3/4/2014	799	NC0742-96	50.2	SM781	0.322		269+52.1		26952.1	8 IN	X56	XR	48.736087	103.622943	2195.30	2190.70	4.60	FBE	50.3	50.6	SC1213-101	SC1207-94		
3/4/2014	800	SC1213-101	50.3	SM782	0.322		270+02.4		27002.4	8 IN	X56	XR	48.735950	103.622917	2195.70	2190.40	5.30	FBE	41.6	50.2	SC1213-74	NC0742-96		
3/4/2014	801	SC1213-74	41.6	SM783	0.322		270+44.0		27044.0	8 IN	X56	XR	48.735837	103.622895	2195.70	2190.70	5.00	FBE	31.3	50.3	NC0744-152	SC1213-101		
3/4/2014	802	NC0744-152	31.3	SM784	0.322		270+75.3		27075.3	8 IN	X56	XR	48.735752	103.622878	2196.50	2191.20	5.30	FBE	50.2	41.6	NC0747-154	SC1213-74		
3/4/2014	803	NC0747-154	50.2	SM785	0.322		271+25.5		27125.5	8 IN	X56	XR	48.735615	103.622851	2195.80	2191.00	4.80	FBE	48.7	31.3	SC1208-6	NC0744-152		
3/4/2014	804	SC1208-6	48.7	SM786	0.322		271+74.2		27174.2	8 IN	X56	XR	48.735483	103.622824	2195.80	2190.90	4.90	FBE	50.2	50.2	NC0747-96	NC0747-154		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 181	SHEET No. 81 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	805	NC0747-96	50.2	SM787	0.322		272+24.4		27224.4	8 IN	X56	XR	48.735346	103.622798	2197.20	2191.80	5.40	FBE	50.5	48.7	SC1207-94	SC1208-6		
3/4/2014	806	SC1207-94	50.5	SMT87	0.322		272+74.9		27274.9	8 IN	X56	XR	48.735209	103.622773	2199.10	2193.90	5.20	FBE	50.0	50.2	SC1215-73	NC0747-96		
3/4/2014	807	SC1215-73	50.0	SMT88	0.322		273+24.9		27324.9	8 IN	X56	XR	48.735073	103.622748	2199.70	2195.00	4.70	FBE	7.2	50.5	SC1213-101	SC1207-94		
3/4/2014	808A	SC1213-101	7.2	SMT89	0.322		273+32.1		27332.1	8 IN	X56	XR	48.735053	103.622744	2199.70	2195.00	4.70	FBE	42.8	50.0	SC1213-101	SC1215-73		
3/4/2014	808	SC1213-101	42.8	SM788	0.322		273+75.0		27375.0	8 IN	X56	XR	48.734937	103.622720	2200.50	2195.40	5.10	FBE	50.1	7.2	SC1207-94	SC1213-101		
3/4/2014	809	SC1207-94	50.1	SM789	0.322		274+25.1		27425.1	8 IN	X56	XR	48.734801	103.622694	2201.30	2196.00	5.30	FBE	50.5	42.8	NC0742-96	SC1213-101		
3/4/2014	810	NC0742-96	50.5	SM790	0.322		274+75.6		27475.6	8 IN	X56	XR	48.734664	103.622668	2201.50	2196.10	5.40	FBE	50.3	50.1	SC1213-101	SC1207-94		
3/4/2014	811	SC1213-101	50.3	SM791	0.322		275+25.8		27525.8	8 IN	X56	XR	48.734527	103.622640	2201.20	2195.80	5.40	FBE	50.2	50.5	NC0743-10	NC0742-96		
3/4/2014	812	NC0743-10	50.2	SM792	0.322		275+76.0		27576.0	8 IN	X56	XR	48.734391	103.622613	2201.30	2196.40	4.90	FBE	50.2	50.3	NC0743-10	SC1213-101		
3/4/2014	813	NC0743-10	50.2	SM793	0.322		276+26.2		27626.2	8 IN	X56	XR	48.734254	103.622587	2201.90	2197.10	4.80	FBE	42.6	50.2	SC1208-6	NC0743-10		
3/4/2014	814	SC1208-6	42.6	SM794	0.322		276+68.8		27668.8	8 IN	X56	XR	48.734138	103.622566	2202.40	2197.30	5.10	FBE	50.3	50.2	SC1208-6	NC0743-10		
3/4/2014	815	SC1208-6	50.3	SM795	0.322		277+19.1		27719.1	8 IN	X56	XR	48.734001	103.622540	2202.30	2197.30	5.00	FBE	43.3	42.6	SC1208-6	SC1208-6		
3/4/2014	816	SC1208-6	43.3	SM796	0.322		277+62.5		27762.5	8 IN	X56	XR	48.733884	103.622516	2202.30	2196.80	5.50	FBE	50.4	50.3	NC0742-96	SC1208-6		
3/4/2014	817	NC0742-96	50.4	SM797	0.322		278+12.9		27812.9	8 IN	X56	XR	48.733747	103.622488	2202.60	2197.40	5.20	FBE	42.6	43.3	NC0745-109	SC1208-6		
3/4/2014	818	NC0745-109	42.6	SM798	0.322		278+55.5		27855.5	8 IN	X56	XR	48.733631	103.622466	2204.90	2200.00	4.90	FBE	50.3	50.4	NC0745-109	NC0742-96		
3/4/2014	819	NC0745-109	50.3	SM799	0.322		279+05.8		27905.8	8 IN	X56	XR	48.733495	103.622439	2208.30	2202.90	5.40	FBE	49.8	42.6	SC1207-94	NC0745-109		
3/4/2014	820	SC1207-94	49.8	SM800	0.322		279+55.6		27955.6	8 IN	X56	XR	48.733360	103.622411	2210.20	2204.20	6.00	FBE	50.3	50.3	NC0746-9	NC0745-109		
3/4/2014	821	NC0746-9	50.3	SM801	0.322		280+05.8		28005.8	8 IN	X56	XR	48.733223	103.622382	2210.00	2204.20	5.80	FBE	50.5	49.8	NC0746-9	SC1207-94		
3/4/2014	822	NC0746-9	50.5	SM802	0.322		280+56.3		28056.3	8 IN	X56	XR	48.733086	103.622352	2209.20	2203.60	5.60	FBE	50.2	50.3	NC0746-12	NC0746-9		
3/4/2014	823	NC0746-12	50.2	SM803	0.322		281+06.5		28106.5	8 IN	X56	XR	48.732950	103.622322	2207.30	2202.10	5.20	FBE	50.3	50.5	SC1208-7	NC0746-9		
3/4/2014	824	SC1208-7	50.3	SM805	0.322		281+56.8		28156.8	8 IN	X56	XR	48.732814	103.622297	2203.00	2197.20	5.80	FBE	50.1	50.2	SC1208-7	NC0746-12		
3/4/2014	825	SC1208-7	50.1	SMT90	0.322		282+06.9		28206.9	8 IN	X56	XR	48.732678	103.622275	2198.80	2192.90	5.90	FBE	50.0	50.3	SC1207-14	SC1208-7		
3/4/2014	826	SC1207-14	50.0	SM804	0.322		282+56.8		28256.8	8 IN	X56	XR	48.732542	103.622252	2196.50	2190.80	5.70	FBE	50.2	50.1	SC1208-7	SC1208-7		
3/4/2014	827	SC1208-7	50.2	SMT91	0.322		283+07.0		28307.0	8 IN	X56	XR	48.732405	103.622230	2198.80	2192.10	6.70	FBE	50.2	50.0	SC1208-16	SC1207-14		
3/4/2014	828	SC1208-16	50.2	SMT92	0.322		283+57.3		28357.3	8 IN	X56	XR	48.732269	103.622204	2203.30	2196.70	6.60	FBE	50.4	50.2	SC1208-16	SC1208-7		
3/4/2014	829	SC1208-16	50.4	SM806	0.322		284+07.7		28407.7	8 IN	X56	XR	48.732133	103.622178	2206.20	2200.60	5.60	FBE	50.2	50.2	SC1208-8	SC1208-16		
3/4/2014	830	SC1208-8	50.2	SM806	0.322		284+57.9		28457.9	8 IN	X56	XR	48.731996	103.622152	2206.90	2201.60	5.30	FBE	50.3	50.4	NC0744-110	SC1208-16		
3/4/2014	831	NC0744-110	50.3	SM808	0.322		285+08.2		28508.2	8 IN	X56	XR	48.731859	103.622124	2206.10	2201.50	4.60	FBE	50.1	50.2	NC0745-151	SC1208-8		
3/4/2014	832	NC0745-151	50.1	SM809	0.322		285+58.3		28558.3	8 IN	X56	XR	48.731723	103.622097	2205.00	2200.70	4.30	FBE	50.3	50.3	NC0749-146	NC0744-110		
3/4/2014	833	NC0749-146	50.3	SM810	0.322		286+08.6		28608.6	8 IN	X56	XR	48.731586	103.622073	2203.30	2199.20	4.10	FBE	50.3	50.1	NC0744-110	NC0745-151		
3/4/2014	834	NC0744-110	50.3	SM811	0.322		286+58.8		28658.8	8 IN	X56	XR	48.731450	103.622048	2203.10	2198.10	5.00	FBE	50.3	50.3	NC0747-154	NC0749-146		
3/4/2014	835	NC0747-154	50.3	SM812	0.322		287+09.1		28709.1	8 IN	X56	XR	48.731313	103.622019	2203.20	2198.30	4.90	FBE	49.7	50.3	NC0744-100	NC0744-110		
3/4/2014	836	NC0744-100	49.7	SM813	0.322		287+58.9		28758.9	8 IN	X56	XR	48.731178	103.621989	2202.40	2198.10	4.30	FBE	50.3	50.3	NC0745-151	NC0747-154		
3/4/2014	837	NC0745-151	50.3	SM814	0.322		288+09.2		28809.2	8 IN	X56	XR	48.731042	103.621962	2202.80	2197.40	5.40	FBE	50.2	49.7	TC1211-108	NC0744-100		
3/4/2014	838	TC1211-108	50.2	SM815	0.322		288+59.3		28859.3	8 IN	X56	XR	48.730905	103.621934	2203.50	2197.80	5.70	FBE	50.4	50.3	NC0744-110	NC0745-151		
3/4/2014	839	NC0744-110	50.4	SM816	0.322		289+09.7		28909.7	8 IN	X56	XR	48.730769	103.621907	2206.60	2200.00	6.60	FBE	49.3	50.2	TC1211-153	TC1211-108		
3/4/2014	840	TC1211-153	49.3	SM817	0.322		289+59.0		28959.0	8 IN	X56	XR	48.730635	103.621881	2209.10	2203.30	5.80	FBE	50.3	50.4	NC0745-109	NC0744-110		
3/4/2014	841	NC0745-109	50.3	SM818	0.322		290+09.3		29009.3	8 IN	X56	XR	48.730498	103.621855	2209.50	2205.10	4.40	FBE	50.2	49.3	NC0747-154	TC1211-153		
3/4/2014	842	NC0747-154	50.2	SM819	0.322		290+59.5		29059.5	8 IN	X56	XR	48.730362	103.621830	2209.90	2205.10	4.80	FBE	50.5	50.3	NC0747-154	NC0745-109		
3/4/2014	843	NC0747-154	50.5	SM820	0.322		291+10.0		29110.0	8 IN	X56	XR	48.730224	103.621804	2211.50	2205.50	6.00	FBE	50.0	50.2	SC1214-146	NC0747-154		
3/4/2014	844	SC1214-146	50.0	SM821	0.322		291+60.0		29160.0	8 IN	X56	XR	48.730089	103.621778	2213.68	2208.40	5.28	FBE	50.3	50.5	SC1214-148	NC0747-154		
3/4/2014	845	SC1214-148	50.3	SM822	0.322		292+10.3		29210.3	8 IN	X56	XR	48.729952	103.621751	2214.80	2209.80	5.00	FBE	50.3	50.0	NC0745-151	SC1214-146		
3/4/2014	846	NC0745-151	50.3	SM823	0.322		292+60.5		29260.5	8 IN	X56	XR	48.729815	103.621724	2215.20	2210.60	4.60	FBE	50.5	50.3	SC1214-102	SC1214-148		
3/4/2014	847	SC1214-102	50.5	SM824	0.322		293+11.0		29311.0	8 IN	X56	XR	48.729679	103.621696	2212.00	2207.50	4.50	FBE	50.3	50.3	SC1209-97	NC0745-151		
3/4/2014	848	SC1209-97	50.3	SM825	0.322		293+61.3		29361.3	8 IN	X56	XR	48.729542	103.621670	2212.60	2207.80	4.80	FBE	48.9	50.5	SC1207-94	SC1214-102		
3/4/2014	849	SC1207-94	48.9	SM826	0.322		294+10.2		29410.2	8 IN	X56	XR	48.729409	103.621643	2215.40	2211.00	4.40	FBE	50.2	50.3	SC1207-94	SC1209-97		
3/4/2014	850	SC1207-94	50.2	SM827	0.322		294+60.4		29460.4	8 IN	X56	XR	48.729273	103.621616	2219.10	2214.50	4.60	FBE	50.4	48.9	SC1207-94	SC1207-94		
3/4/2014	851	SC1207-94	50.4	SM828	0.322		295+10.8		29510.8	8 IN	X56	XR	48.729136	103.621589	2220.90	2216.40	4.50	FBE	50.3	50.2	SC1215-75	SC1207-94		
3/4/2014	852	SC1215-75	50.3	SM829	0.322		295+61.1		29561.1	8 IN	X56	XR	48.729000	103.621564	2221.90	2217.30	4.60	FBE	49.3	50.4	SC1207-94	SC1207-94		
3/4/2014	853	SC1207-94	49.3	SM830	0.322		296+10.4		29610.4	8 IN	X56	XR	48.728865	103.621540	2221.90	2216.70	5.20	FBE	50.3	50.3	SC1207-94	SC1215-75		
3/4/2014	854	SC1207-94	50.3	SM831	0.322		296+60.7		29660.7	8 IN	X56	XR	48.728728	103.621515	2221.10	2215.80	5.30	FBE	50.4	49.3	SC1215-88	SC1207-94		
3/4/2014	855	SC1215-88	50.4	SM832	0.322		297+11.1		29711.1	8 IN	X56	XR	48.728591	103.621494	2218.80	2213.90	4.90	FBE	50.2	50.3	NC0741-50	SC1207-94		
3/4/2014	856	NC0741-50	50.2	SM833	0.322		297+61.3		29761.3	8 IN	X56	XR	48.728454	103.621475	2217.00	2212.20	4.80	FBE	38.3	50.4	SC1213-74	SC1215-88		
3/4/2014	857	SC1213-74	38.3	SMT117	0.322		297+99.6	P.I. < 5°41'52" LT.	29799.6	8 IN	X56	XR	48.728349	103.621463	2215.50	2211.50	4.00	FBE	6.1	50.2	C30174	NC0741-50		
3/4/2014	F13	C30174	6.1	SMT118	0.322	FACTORY BEND	298+05.8		29805.8	8 IN	X56	XR	48.728335	103.621453	2215.30	2211.20	4.10	FBE	35.7	38.3	NC0747-154	SC1213-74		
3/4/2014	858	NC0747-154	35.7	SMT119	0.322		298+41.5		29841.5	8 IN	X56	XR	48.728268	103.621345	2212.80	2208.60	4.20	FBE	50.3	6.1	TC1211-105	C30174		
3/4/2014	859	TC1211-105	50.3	SMT120	0.322		298+91.8		29891.8	8 IN	X56	XR	48.728175	103.621194	2208.60	2202.80	5.80	FBE	41.2	35.7	D48765	NC0747-154		
3/4/2014	862BR	D48765	41.2	SMB166		CALCULATED BORE	299+33.0		29933.0		X56	XR	48.728100	103.621073	2207.49	2193.06	14.43	ARO	41.2	50.3	D48765	TC1211-105		NOTE 1
3/4/2014	863BR	D48765	41.2	SMB168		CALCULATED BORE	299+74.2		29974.2		X56	XR	48.728023	103.620951	2205.80	2185.31	20.49	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	864BR	D48765	41.2	SMB170		CALCULATED BORE	300+15.4		30015.4		X56	XR	48.727947	103.620828	2204.10	2179.57	24.53	ARO	20.5	41.2	D48763	D48765		NOTE 1
3/4/2014	865BRA	D48763	20.5	SMT53		CALCULATED BORE	300+35.8		30035.8		X56	XR	48.727908	103.620767	2204.10	2177.47	26.63	ARO	20.7	41.2	D48763	D48765		NOTE 1
3/4/2014	865BR	D48763	20.7	SMB172		CALCULATED BORE	300+56.6		30056.6		X56	XR	48.727870	103.620704	2204.10	2175.86	28.24	ARO	41.2	20.5	D48763	D48763		NOTE 1
3/4/2014	866BR	D48763	41.2	SMB171		CALCULATED BORE	300+97.8		30097.8		X56	XR	48.727792	103.620580	2203.20	2174.18	29.02	ARO	41.2	20.7	D48765	D48763		NOTE 1
3/4/2014	867BR	D48765	41.2	SMB176		CALCULATED BORE	301+39.0		30139.0		X56	XR	48.727715	103.620456	2194.00	2174.54	19.46	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	868BR	D48763	41.2	SMB178		CALCULATED BORE	301+80.1		30180.1		X56	XR	48.727637	103.620332	2194.00	2176.94	17.06	ARO	41.2	41.2		D48765		NOTE 1
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	302+21.4		30221.4		X56	XR	48.727560	103.620209	2192.29	2181.36	10.93	ARO	33.3	41.2		D48763		
3/4/2014			33.3			CALCULATED BORE, NO HEAT #, NO XR #	302+54.7		30254.7		X56	XR	48.727498	103.620110	2192.29	2186.43	5.86	ARO	215.1	41.2	TC1211-53			

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 182	SHEET No. 82 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	879	TC1211-53	215.1	SM834	0.322	NO XR SHOT, EST LENGTH	304+69.7		30469.7	8 IN	X56	XR	48.726946	103.619957	2200.10	2194.50	5.60	FBE	50.1	33.3	SC1209-104			
3/4/2014	880	SC1209-104	50.1	SM835	0.322		305+19.9		30519.9	8 IN	X56	XR	48.726810	103.619948	2206.30	2200.80	5.50	FBE	50.4	215.1	SC1208-8	TC1211-53		
3/4/2014	881	SC1208-8	50.4	SM836	0.322		305+70.3		30570.3	8 IN	X56	XR	48.726673	103.619939	2213.00	2207.90	5.10	FBE	50.2	50.1	SC1214-148	SC1209-104		
3/4/2014	882	SC1214-148	50.2	SM837	0.322		306+20.5		30620.5	8 IN	X56	XR	48.726537	103.619930	2220.70	2215.20	5.50	FBE	50.1	50.4	NC0745-151	SC1208-8		
3/4/2014	883	NC0745-151	50.1	SM838	0.322		306+70.6		30670.6	8 IN	X56	XR	48.726403	103.619920	2230.30	2224.50	5.80	FBE	50.4	50.2	SC1214-148	SC1214-148		
3/4/2014	884	SC1214-148	50.4	SM839	0.322		307+21.1		30721.1	8 IN	X56	XR	48.726267	103.619911	2237.60	2233.60	4.00	FBE	50.1	50.1	NC0745-151	NC0745-151		
3/4/2014	885	NC0745-151	50.1	SM840	0.322		307+71.2		30771.2	8 IN	X56	XR	48.726131	103.619903	2245.30	2240.00	5.30	FBE	58.1	50.4	NC0748-163	SC1214-148		
3/4/2014	886	NC0748-163	58.1	SM841	0.322		308+29.3		30829.3	8 IN	X56	XR	48.725972	103.619891	2252.00	2244.80	7.20	FBE	42.4	50.1	NC0748-163	NC0745-151		
3/4/2014	887	NC0748-163	42.4	SM842	0.322		308+71.7		30871.7	8 IN	X56	XR	48.725856	103.619884	2252.00	2246.90	5.10	FBE	50.3	58.1	TC1211-105	NC0748-163		
3/4/2014	888	TC1211-105	50.3	SM843	0.322		309+22.0		30922.0	8 IN	X56	XR	48.725718	103.619874	2253.00	2247.50	5.50	FBE	50.3	42.4	SC1214-147	NC0748-163		
3/4/2014	889	SC1214-147	50.3	SM844	0.322		309+72.3		30972.3	8 IN	X56	XR	48.725581	103.619866	2253.50	2248.20	5.30	FBE	50.2	50.3	SC1214-147	TC1211-105		
3/4/2014	890	SC1214-147	50.2	SM845	0.322		310+22.5		31022.5	8 IN	X56	XR	48.725443	103.619859	2254.40	2249.10	5.30	FBE	50.4	50.3	NC0748-149	SC1214-147		
3/4/2014	891	NC0748-149	50.4	SM846	0.322		310+72.8		31072.8	8 IN	X56	XR	48.725305	103.619852	2253.50	2248.60	4.90	FBE	50.3	50.2	NC0744-110	SC1214-147		
3/4/2014	892	NC0744-110	50.3	SM847	0.322		311+23.1		31123.1	8 IN	X56	XR	48.725167	103.619844	2254.10	2248.60	5.50	FBE	50.0	50.4	TC1211-153	NC0748-149		
3/4/2014	893	TC1211-153	50.0	SM848	0.322		311+73.1		31173.1	8 IN	X56	XR	48.725031	103.619835	2255.50	2250.10	5.40	FBE	50.4	50.3	NC0747-154	NC0744-110		
3/4/2014	894	NC0747-154	50.4	SM849	0.322		312+23.5		31223.5	8 IN	X56	XR	48.724893	103.619827	2255.30	2249.80	5.50	FBE	50.2	50.0	NC0744-145	TC1211-153		
3/4/2014	895	NC0744-145	50.2	SM850	0.322		312+73.7		31273.7	8 IN	X56	XR	48.724755	103.619818	2254.20	2249.20	5.00	FBE	50.3	50.4	NC0748-149	NC0747-154		
3/4/2014	896	NC0748-149	50.3	SM851	0.322		313+24.0		31324.0	8 IN	X56	XR	48.724617	103.619809	2253.70	2248.10	5.60	FBE	50.1	50.2	TC1211-153	NC0744-145		
3/4/2014	897	TC1211-153	50.1	SM852	0.322		313+74.1		31374.1	8 IN	X56	XR	48.724480	103.619802	2252.30	2246.70	5.60	FBE	50.4	50.3	NC0747-154	NC0748-149		
3/4/2014	898	NC0747-154	50.4	SM853	0.322		314+24.5		31424.5	8 IN	X56	XR	48.724342	103.619795	2253.00	2247.00	6.00	FBE	50.2	50.1	NC0748-142	TC1211-153		
3/4/2014	899	NC0748-142	50.2	SM854	0.322		314+74.7		31474.7	8 IN	X56	XR	48.724205	103.619787	2253.20	2247.40	5.80	FBE	50.4	50.4	NC0744-152	NC0747-154		
3/4/2014	900	NC0744-152	50.4	SM855	0.322		315+25.1		31525.1	8 IN	X56	XR	48.724067	103.619778	2253.40	2247.50	5.90	FBE	50.2	50.2	NC0744-145	NC0748-142		
3/4/2014	901	NC0744-145	50.2	SM856	0.322		315+75.4		31575.4	8 IN	X56	XR	48.723929	103.619770	2251.40	2245.60	5.80	FBE	50.4	50.4	NC0748-142	NC0744-152		
3/4/2014	902	NC0748-142	50.4	SM857	0.322		316+25.7		31625.7	8 IN	X56	XR	48.723792	103.619759	2248.30	2242.00	6.30	FBE	50.3	50.2	NC0748-142	NC0744-145		
3/4/2014	903	NC0748-142	50.3	SM858	0.322		316+76.0		31676.0	8 IN	X56	XR	48.723654	103.619749	2243.90	2237.80	6.10	FBE	48.9	50.4	SC1208-15	NC0748-142		
3/4/2014	904	SC1208-15	48.9	SM859	0.322		317+24.9		31724.9	8 IN	X56	XR	48.723521	103.619744	2239.70	2233.90	5.80	FBE	50.2	50.3	NC0745-151	NC0748-142		
3/4/2014	905	NC0745-151	50.2	SM860	0.322		317+75.1		31775.1	8 IN	X56	XR	48.723384	103.619736	2236.30	2230.20	6.10	FBE	50.0	48.9	NC0747-141	SC1208-15		
3/4/2014	906	NC0747-141	50.0	SM861	0.322		318+25.2		31825.2	8 IN	X56	XR	48.723247	103.619728	2233.60	2227.10	6.50	FBE	50.4	50.2	NC0747-139	NC0745-151		
3/4/2014	907	NC0747-139	50.4	SM862	0.322		318+75.6		31875.6	8 IN	X56	XR	48.723110	103.619721	2228.70	2222.50	6.20	FBE	50.5	50.0	NC0748-149	NC0747-141		
3/4/2014	908	NC0748-149	50.5	SM863	0.322		319+26.0		31926.0	8 IN	X56	XR	48.722972	103.619713	2223.60	2217.10	6.50	FBE	50.2	50.4	NC0744-145	NC0747-139		
3/4/2014	909	NC0744-145	50.2	SM864	0.322		319+76.3		31976.3	8 IN	X56	XR	48.722835	103.619704	2219.20	2214.10	5.10	FBE	50.4	50.5	NC0748-140	NC0748-149		
3/4/2014	910	NC0748-140	50.4	SM865	0.322		320+26.6		32026.6	8 IN	X56	XR	48.722697	103.619695	2218.10	2212.50	5.60	FBE	50.4	50.2	NC0748-149	NC0744-145		
3/4/2014	911	NC0748-149	50.4	SM866	0.322		320+77.0		32077.0	8 IN	X56	XR	48.722559	103.619687	2218.10	2211.60	6.50	FBE	50.3	50.4	NC0749-150	NC0748-140		
3/4/2014	912	NC0749-150	50.3	SM867	0.322		321+27.3		32127.3	8 IN	X56	XR	48.722422	103.619676	2215.40	2209.00	6.40	FBE	50.4	50.4	NC0748-140	NC0748-149		
3/4/2014	913	NC0748-140	50.4	SM868	0.322		321+77.6		32177.6	8 IN	X56	XR	48.722284	103.619665	2210.80	2204.60	6.20	FBE	49.6	50.3	NC0744-145	NC0749-150		
3/4/2014	914	NC0744-145	49.6	SM869	0.322		322+27.3		32227.3	8 IN	X56	XR	48.722149	103.619655	2205.70	2199.70	6.00	FBE	50.6	50.4	NC0748-144	NC0748-140		
3/4/2014	915	NC0748-144	50.6	SM870	0.322		322+77.9		32277.9	8 IN	X56	XR	48.722012	103.619646	2199.50	2193.40	6.10	FBE	50.3	49.6	NC0744-145	NC0744-145		
3/4/2014	916	NC0744-145	50.3	SM871	0.322		323+28.1		32328.1	8 IN	X56	XR	48.721875	103.619639	2194.10	2188.00	6.10	FBE	50.2	50.6	NC0744-110	NC0748-144		
3/4/2014	917	NC0744-110	50.2	SM872	0.322		323+78.3		32378.3	8 IN	X56	XR	48.721738	103.619631	2188.50	2182.20	6.30	FBE	50.0	50.3	NC0748-142	NC0744-145		
3/4/2014	918	NC0748-142	50.0	SM873	0.322		324+28.3		32428.3	8 IN	X56	XR	48.721602	103.619622	2182.80	2177.10	5.70	FBE	50.3	50.2	NC0747-154	NC0744-110		
3/4/2014	919	NC0747-154	50.3	SM874	0.322		324+78.5		32478.5	8 IN	X56	XR	48.721465	103.619612	2177.40	2171.50	5.90	FBE	49.8	50.0	NC0745-151	NC0748-142		
3/4/2014	920	NC0745-151	49.8	SM875	0.322		325+28.3		32528.3	8 IN	X56	XR	48.721330	103.619603	2172.20	2166.50	5.70	FBE	35.6	50.3	NC0749-150	NC0747-154		
3/4/2014	921	NC0749-150	35.6	SMT138	0.322		325+63.9	P.I. < 5°44'54" LT.	32563.9	8 IN	X56	XR	48.721233	103.619600	2168.30	2163.20	5.10	FBE	46.0	49.8	NC0745-151	NC0745-151		
3/4/2014	922	NC0745-151	46.0	SMT121	0.322		326+09.9		32609.9	8 IN	X56	XR	48.721140	103.619474	2166.50	2159.90	6.60	FBE	50.4	35.6	NC0748-144	NC0749-150		
3/4/2014	923	NC0748-144	50.4	SMT122	0.322		326+60.3		32660.3	8 IN	X56	XR	48.721041	103.619330	2165.20	2158.70	6.50	FBE	50.0	46.0	NC0744-145	NC0745-151		
3/4/2014	924	NC0744-145	50.0	SMT123	0.322		327+10.4	P.I. < 2°23'28" RT.	32710.4	8 IN	X56	XR	48.720944	103.619183	2165.50	2159.50	6.00	FBE	50.3	50.4	NC0747-139	NC0748-144		
3/4/2014	925	NC0747-139	50.3	SMT124	0.322		327+60.7		32760.7	8 IN	X56	XR	48.720843	103.619041	2165.50	2159.80	5.70	FBE	44.1	50.0	NC0748-142	NC0744-145		
3/4/2014	926	NC0748-142	44.1	SMT140	0.322		328+04.8		32804.8	8 IN	X56	XR	48.720754	103.618917	2166.10	2160.10	6.00	FBE	24.9	50.3	NC0744-145	NC0747-139		
3/4/2014	927	NC0744-145	24.9	SMT141	0.322		328+29.7		32829.7	8 IN	X56	XR	48.720704	103.618847	2166.10	2160.60	5.50	FBE	41.2	44.1	D48765	NC0748-142		
3/4/2014	928BR	D48765	41.2	SMB181		CALCULATED BORE	328+70.9		32870.9		X56	XR	48.720622	103.618731	2167.36	2155.32	12.04	ARO	41.3	24.9	D48763	NC0744-145		NOTE 1
3/4/2014	929BR	D48763	41.3	SMB182		CALCULATED BORE	329+12.2		32912.2		X56	XR	48.720540	103.618614	2169.13	2156.86	12.27	ARO	42.0	41.2	D48765	D48765		NOTE 1
3/4/2014	930	D48765	42.0	SMT142	0.322		329+54.2	P.I. < 3°26'53" LT.	32954.2	8 IN	X56	XR	48.720458	103.618497	2170.70	2165.40	5.30	ARO	47.2	41.3	NC0744-145	D48763		
3/4/2014	931	NC0744-145	47.2	SMT125	0.322		330+01.5		33001.5	8 IN	X56	XR	48.720370	103.618354	2173.63	2168.50	5.13	FBE	49.4	42.0	NC0749-150	D48765		
3/4/2014	932	NC0749-150	49.4	SM876	0.322		330+50.8		33050.8	8 IN	X56	XR	48.720274	103.618210	2176.11	2171.30	4.81	FBE	50.0	47.2	SC1210-157	NC0744-145		
3/4/2014	933	SC1210-157	50.0	SM877	0.322		331+00.8		33100.8	8 IN	X56	XR	48.720179	103.618062	2181.05	2175.20	5.85	FBE	50.4	49.4	NC0748-134	NC0749-150		
3/4/2014	934	NC0748-134	50.4	SM878	0.322		331+51.2		33151.2	8 IN	X56	XR	48.720081	103.617916	2185.90	2180.00	5.90	FBE	50.3	50.0	NC0741-110	SC1210-157		
3/4/2014	935	NC0741-110	50.3	SM879	0.322		332+01.5		33201.5	8 IN	X56	XR	48.719982	103.617772	2191.10	2185.20	5.90	FBE	50.4	50.4	SC1213-101	NC0748-134		
3/4/2014	936	SC1213-101	50.4	SM880	0.322		332+51.9		33251.9	8 IN	X56	XR	48.719883	103.617629	2196.40	2190.80	5.60	FBE	50.2	50.3	NC0744-100	NC0741-110		
3/4/2014	937	NC0744-100	50.2	SM881	0.322		333+02.2		33302.2	8 IN	X56	XR	48.719783	103.617486	2199.00	2195.00	4.00	FBE	49.8	50.4	NC0744-100	SC1213-101		
3/4/2014	938	NC0744-100	49.8	SM882	0.322		333+52.0		33352.0	8 IN	X56	XR	48.719684	103.617345	2203.50	2199.50	4.00	FBE	50.2	50.2	NC0751-100	NC0744-100		
3/4/2014	939	NC0751-100	50.2	SM883	0.322		334+02.1		33402.1	8 IN	X56	XR	48.719584	103.617204	2207.90	2203.90	4.00	FBE	50.5	49.8	SC1207-94	NC0744-100		
3/4/2014	940	SC1207-94	50.5	SM884	0.322		334+52.6		33452.6	8 IN	X56	XR	48.719484	103.617060	2211.80	2207.30	4.50	FBE	50.3	50.2	SC1207-94	NC0751-100		
3/4/2014	941	SC1207-94	50.3	SM885	0.322		335+02.9		33502.9	8 IN	X56	XR	48.719385	103.616916	2214.80	2209.40	5.40	FBE	50.3	50.5	NC0748-149	SC1207-94		
3/4/2014	942	NC0748-149	50.3	SM886	0.322		335+53.2		33553.2	8 IN	X56	XR	48.719286	103.616772	2216.70	2211.00	5.70	FBE	50.4	50.3	SC1214-148	SC1207-94		
3/4/2014	943	SC1214-148	50.4	SM887	0.322		336+03.6		33603.6	8 IN	X56	XR	48.719186	103.616627	2217.10	2212.00	5.10	FBE	50.2	50.3	NC0748-149	NC0748-149		
3/4/2014	944	NC0748-149	50.2	SM888	0.322		336+53.8		33653.8	8 IN	X56	XR	48.719086	103.616484	2217.10	2211.70	5.40	FBE	50.1	50.4	SC1214-149	SC1214-148		
3/4/2014	945	SC1214-149	50.1	SM889	0.322		337+03.9		33703.9	8 IN	X56	XR	48.718987	103.616340	2216.30	2210.70	5.60	FBE	45.7	50.2	SC1213-101	NC0748-149		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 183	SHEET No. 83 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	946	SC1213-101	45.7	SM890	0.322		337+49.6		33749.6	8 IN	X56	XR	48.718898	103.616208	2216.80	2210.70	6.10	FBE	50.2	50.1	SC1214-102	SC1214-149		
3/4/2014	947	SC1214-102	50.2	SM891	0.322		337+99.8		33799.8	8 IN	X56	XR	48.718799	103.616062	2217.40	2211.80	5.60	FBE	50.0	45.7	NC0748-140	SC1213-101		
3/4/2014	948	NC0748-140	50.0	SM892	0.322		338+49.8		33849.8	8 IN	X56	XR	48.718701	103.615918	2217.40	2212.30	5.10	FBE	50.2	50.2	NC0744-98	SC1214-102		
3/4/2014	949	NC0744-98	50.2	SM893	0.322		339+00.0		33900.0	8 IN	X56	XR	48.718602	103.615773	2216.60	2211.80	4.80	FBE	50.5	50.0	NC0751-103	NC0748-140		
3/4/2014	950	NC0751-103	50.5	SM894	0.322		339+50.4		33950.4	8 IN	X56	XR	48.718503	103.615629	2215.80	2210.70	5.10	FBE	49.6	50.2	NC0747-154	NC0744-98		
3/4/2014	951	NC0747-154	49.6	SM895	0.322		340+00.0		34000.0	8 IN	X56	XR	48.718405	103.615485	2214.60	2209.70	4.90	FBE	50.4	50.5	NC0748-140	NC0751-103		
3/4/2014	952	NC0748-140	50.4	SM896	0.322		340+50.5		34050.5	8 IN	X56	XR	48.718306	103.615341	2213.80	2208.60	5.20	FBE	50.2	49.6	NC0747-154	NC0747-154		
3/4/2014	953	NC0747-154	50.2	SM897	0.322		341+00.7		34100.7	8 IN	X56	XR	48.718206	103.615197	2212.40	2207.60	4.80	FBE	50.2	50.4	NC0747-154	NC0748-140		
3/4/2014	954	NC0747-154	50.2	SM898	0.322		341+50.9		34150.9	8 IN	X56	XR	48.718107	103.615052	2211.10	2206.30	4.80	FBE	50.3	50.2	NC0748-140	NC0747-154		
3/4/2014	955	NC0748-140	50.3	SM899	0.322		342+01.3		34201.3	8 IN	X56	XR	48.718009	103.614907	2210.30	2205.10	5.20	FBE	50.1	50.2	NC0749-134	NC0747-154		
3/4/2014	956	NC0749-134	50.1	SM900	0.322		342+51.4		34251.4	8 IN	X56	XR	48.717909	103.614763	2208.30	2202.90	5.40	FBE	50.2	50.3	NC0746-137	NC0748-140		
3/4/2014	957	NC0746-137	50.2	SM901	0.322		343+01.6		34301.6	8 IN	X56	XR	48.717810	103.614620	2206.50	2200.80	5.70	FBE	50.0	50.1	SC1208-15	NC0749-134		
3/4/2014	958	SC1208-15	50.0	SM902	0.322		343+51.7		34351.7	8 IN	X56	XR	48.717711	103.614477	2205.20	2199.70	5.50	FBE	50.1	50.2	NC0746-18	NC0746-137		
3/4/2014	959	NC0746-18	50.1	SM903	0.322		344+01.7		34401.7	8 IN	X56	XR	48.717612	103.614332	2203.90	2199.00	4.90	FBE	50.3	50.0	SC1207-03	SC1208-15		
3/4/2014	960	SC1207-03	50.3	SM904	0.322		344+52.0		34452.0	8 IN	X56	XR	48.717512	103.614189	2203.60	2198.20	5.40	FBE	50.2	50.1	SC1215-147	NC0746-18		
3/4/2014	961	SC1215-147	50.2	SM905	0.322		345+02.2		34502.2	8 IN	X56	XR	48.717413	103.614046	2203.80	2198.00	5.80	FBE	50.2	50.3	SC1214-147	SC1207-03		
3/4/2014	962	SC1214-147	50.2	SM906	0.322	CALCULATED XR POINT	345+52.4		34552.4	8 IN	X56	XR	48.717315	103.613898	2202.80	2197.40	5.40	FBE	50.3	50.2	SC1208-17	SC1215-147		NOTE 1
3/4/2014	963	SC1208-17	50.3	SMT143	0.322		346+02.7	P.I. < 4°06'39" RT.	34602.7	8 IN	X56	XR	48.717218	103.613751	2202.80	2196.80	6.00	ARO	6.1	50.2	C30174	SC1214-147		
3/4/2014	F16	C30174	6.1	SMT144	0.322		346+08.8	P.I. < 5°57'28" RT.	34608.8	8 IN	X56	XR	48.717203	103.613741	2202.80	2196.60	6.20	ARO	7.0	50.3	SC1213-74	SC1208-17		
3/4/2014	857	SC1213-74	7.0	SMT145	0.322		346+15.8		34615.8	8 IN	X56	XR	48.717184	103.613741	2202.80	2196.30	6.50	ARO	45.0	6.1	NC0749-138	C30174		
3/4/2014	964	NC0749-138	45.0	SM905	0.322		346+60.8		34660.8	8 IN	X56	XR	48.717061	103.613737	2199.00	2194.70	4.30	ARO	50.2	7.0	NC0749-138	SC1213-74		
3/4/2014	965	NC0749-138	50.2	SM908	0.322		347+11.0		34711.0	8 IN	X56	XR	48.716924	103.613732	2199.10	2193.90	5.20	FBE	49.9	45.0	NC0746-18	NC0749-138		
3/4/2014	966	NC0746-18	49.9	SM909	0.322		347+60.8		34760.8	8 IN	X56	XR	48.716787	103.613730	2200.20	2194.60	5.60	FBE	49.7	50.2	NC0741-92	NC0749-138		
3/4/2014	967	NC0741-92	49.7	SM910	0.322		348+10.5		34810.5	8 IN	X56	XR	48.716651	103.613730	2202.10	2196.00	6.10	FBE	50.2	49.9	SC1209-57	NC0746-18		
3/4/2014	968	SC1209-57	50.2	SM911	0.322		348+60.7		34860.7	8 IN	X56	XR	48.716513	103.613732	2203.70	2198.10	5.60	FBE	50.5	49.7	SC1214-102	NC0741-92		
3/4/2014	969	SC1214-102	50.5	SM912	0.322		349+11.2		34911.2	8 IN	X56	XR	48.716375	103.613732	2204.00	2198.90	5.10	FBE	50.3	50.2	SC1213-93	SC1209-57		
3/4/2014	970	SC1213-93	50.3	SM913	0.322		349+61.5		34961.5	8 IN	X56	XR	48.716237	103.613733	2203.50	2197.80	5.70	FBE	49.5	50.5	NC0745-99	SC1214-102		
3/4/2014	971	NC0745-99	49.5	SM914	0.322		350+11.0		35011.0	8 IN	X56	XR	48.716101	103.613736	2202.60	2196.80	5.80	FBE	50.3	50.3	SC1215-72	SC1213-93		
3/4/2014	972	SC1215-72	50.3	SM915	0.322		350+61.3		35061.3	8 IN	X56	XR	48.715964	103.613738	2202.70	2196.70	6.00	FBE	50.3	49.5	SC1207-94	NC0745-99		
3/4/2014	973	SC1207-94	50.3	SM916	0.322		351+11.6		35111.6	8 IN	X56	XR	48.715826	103.613738	2203.10	2197.30	5.80	FBE	50.4	50.3	SC1207-96	SC1215-72		
3/4/2014	974	SC1207-96	50.4	SM917	0.322		351+62.0		35162.0	8 IN	X56	XR	48.715688	103.613737	2204.85	2198.90	5.95	FBE	50.4	50.3	NC0744-98	SC1207-94		
3/4/2014	975	NC0744-98	50.4	SM918	0.322		352+12.4		35212.4	8 IN	X56	XR	48.715550	103.613735	2206.80	2201.60	5.20	FBE	50.2	50.4	NC0744-96	SC1207-96		
3/4/2014	976	NC0744-96	50.2	SM919	0.322		352+62.6		35262.6	8 IN	X56	XR	48.715412	103.613732	2210.85	2204.70	6.15	FBE	50.3	50.4	SC1207-94	NC0744-98		
3/4/2014	977	SC1207-94	50.3	SM920	0.322		353+12.9		35312.9	8 IN	X56	XR	48.715275	103.613729	2213.80	2207.40	6.40	FBE	30.9	50.2	NC0744-58	NC0744-96		
3/4/2014	978	NC0744-58	30.9	SM921	0.322		353+43.8		35343.8	8 IN	X56	XR	48.715190	103.613728	2215.30	2209.20	6.10	FBE	36.4	50.3	SC1209-57	SC1207-94		
3/4/2014	979	SC1209-57	36.4	SM922	0.322		353+80.2		35380.2	8 IN	X56	XR	48.715091	103.613726	2217.58	2211.30	6.28	FBE	50.4	30.9	SC1209-104	NC0744-58		
3/4/2014	980	SC1209-104	50.4	SM923	0.322		354+30.6		35430.6	8 IN	X56	XR	48.714953	103.613727	2220.58	2214.20	6.38	FBE	50.5	36.4	SC1209-104	SC1209-57		
3/4/2014	981	SC1209-104	50.5	SM924	0.322		354+81.0		35481.0	8 IN	X56	XR	48.714815	103.613728	2222.95	2217.30	5.65	FBE	50.0	50.4	NC0744-100	SC1209-104		
3/4/2014	982	NC0744-100	50.0	SM925	0.322		355+31.1		35531.1	8 IN	X56	XR	48.714678	103.613728	2226.42	2220.30	6.12	FBE	50.3	50.5	NC0744-160	SC1209-104		
3/4/2014	983	NC0744-160	50.3	SM926	0.322		355+81.4		35581.4	8 IN	X56	XR	48.714540	103.613726	2229.60	2223.70	5.90	FBE	50.2	50.0	SC1215-72	NC0744-100		
3/4/2014	984	SC1215-72	50.2	SM927	0.322		356+31.6		35631.6	8 IN	X56	XR	48.714403	103.613722	2231.70	2225.50	6.20	FBE	49.6	50.3	SC1214-63	NC0744-160		
3/4/2014	985	SC1214-63	49.6	SM928	0.322		356+81.2		35681.2	8 IN	X56	XR	48.714267	103.613719	2231.80	2226.40	5.40	FBE	50.2	50.2	NC0748-140	SC1215-72		
3/4/2014	986	NC0748-140	50.2	SM929	0.322		357+31.4		35731.4	8 IN	X56	XR	48.714129	103.613721	2232.60	2227.70	4.90	FBE	50.4	49.6	NC0748-142	SC1214-63		
3/4/2014	987	NC0748-142	50.4	SM930	0.322		357+81.8		35781.8	8 IN	X56	XR	48.713991	103.613721	2234.60	2228.80	5.80	ARO	39.1	50.2	TC1211-905	NC0748-140		
3/4/2014	988	TC1211-905	39.1	SMT146	0.322		358+20.9	P.I. < 5°35'53" LT.	35820.9	8 IN	X56	XR	48.713884	103.613718	2234.50	2228.50	6.00	ARO	6.3	50.4	C30174	NC0748-142		
3/4/2014	F17	C30174	6.3	SMT147	0.322	FACTORY BEND	358+27.2	P.I. < 10°23'27" LT.	35827.2	8 IN	X56	XR	48.713869	103.613709	2234.50	2228.60	5.90	ARO	10.8	39.1	NC0747-143	TC1211-905		
3/4/2014	588A	NC0747-143	10.8	SMT148	0.322		358+38.0		35838.0	8 IN	X56	XR	48.713849	103.613675	2234.50	2228.80	5.70	ARO	40.1	6.3	NC0744-100	C30174		
3/4/2014	986	NC0744-100	40.1	SM931	0.322		358+78.1	P.I. < 2°59'13" LT.	35878.1	8 IN	X56	XR	48.713776	103.613552	2233.20	2228.20	5.00	FBE	50.0	10.8	NC0742-96	NC0747-143		
3/4/2014	990	NC0742-96	50.0	SM932	0.322		359+28.1		35928.1	8 IN	X56	XR	48.713689	103.613391	2233.20	2226.90	6.30	FBE	50.3	40.1	SC1213-93	NC0744-100		
3/4/2014	991	SC1213-93	50.3	SM933	0.322		359+78.4		35978.4	8 IN	X56	XR	48.713603	103.613229	2230.20	2224.20	6.00	FBE	49.2	50.0	NC0750-103	NC0742-96		
3/4/2014	992	NC0750-103	49.2	SMT149	0.322		360+27.6		36027.6	8 IN	X56	XR	48.713516	103.613074	2226.90	2220.30	6.60	ARO	16.2	50.3	SC1214-105	SC1213-93		
3/4/2014	993	SC1214-105	16.2	SMT150	0.322		360+43.8	P.I. < 11°59'12" RT.	36043.8	8 IN	X56	XR	48.713487	103.613023	2224.80	2219.50	5.30	ARO	6.6	49.2	C30174	NC0750-103		
3/4/2014	F18	C30174	6.6	SMT151	0.322		360+50.4		36050.4	8 IN	X56	XR	48.713471	103.613014	2224.10	2219.00	5.10	ARO	50.0	16.2	NC0748-142	SC1214-105		
3/4/2014	994	NC0748-142	50.0	SM934	0.322		361+00.3	P.I. < 3°32'26" RT.	36100.3	8 IN	X56	XR	48.713335	103.613003	2222.80	2217.50	5.30	FBE	50.4	6.6	NC0747-141	C30174		
3/4/2014	995	NC0747-141	50.4	SM935	0.322		361+50.8		36150.8	8 IN	X56	XR	48.713196	103.613005	2222.40	2216.30	6.10	FBE	50.1	50.0	NC0747-100	NC0748-142		
3/4/2014	996	NC0747-100	50.1	SM936	0.322		362+00.9		36200.9	8 IN	X56	XR	48.713059	103.613005	2222.40	2216.10	6.30	FBE	50.3	50.4	NC0744-98	NC0747-141		
3/4/2014	997	NC0744-98	50.3	SM937	0.322		362+51.2		36251.2	8 IN	X56	XR	48.712921	103.613002	2223.20	2216.60	6.60	FBE	50.3	50.1	NC0741-95	NC0747-100		
3/4/2014	998	NC0741-95	50.3	SM938	0.322		363+01.5		36301.5	8 IN	X56	XR	48.712783	103.613001	2223.20	2217.10	6.10	FBE	50.2	50.3	NC0744-98	NC0744-98		
3/4/2014	999	NC0744-98	50.2	SM939	0.322		363+51.7		36351.7	8 IN	X56	XR	48.712646	103.612999	2224.10	2218.30	5.80	FBE	50.5	50.3	SC1209-104	NC0741-95		
3/4/2014	1000	SC1209-104	50.5	SM940	0.322		364+02.1		36402.1	8 IN	X56	XR	48.712508	103.612996	2225.00	2219.00	6.00	FBE	49.7	50.2	SC1214-89	NC0744-98		
3/4/2014	1001	SC1214-89	49.7	SM941	0.322		364+51.9		36451.9	8 IN	X56	XR	48.712371	103.612995	2224.50	2218.40	6.10	FBE	50.1	50.5	TC1211-105	SC1209-104		
3/4/2014	1002	TC1211-105	50.1	SM942	0.322		365+02.0		36502.0	8 IN	X56	XR	48.712234	103.612993	2224.20	2218.10	6.10	FBE	49.9	49.7	NC0749-85	SC1214-89		
3/4/2014	1003	NC0749-85	49.9	SM943	0.322		365+51.9		36551.9	8 IN	X56	XR	48.712097	103.612989	2223.10	2217.60	5.50	FBE	50.5	50.1	SC1213-93	TC1211-105		
3/4/2014	1004	SC1213-93	50.5	SM944	0.322		366+02.4		36602.4	8 IN	X56	XR	48.711959	103.612985	2221.40	2216.20	5.20	FBE	50.3	49.9	NC0741-92	NC0749-85		
3/4/2014	1005	NC0741-92	50.3	SM945	0.322		366+52.7		36652.7	8 IN	X56	XR	48.711821	103.612982	2220.50	2214.80	5.70	FBE	50.5	50.5	NC0744-98	SC1213-93		
3/4/2014	1006	NC0744-98	50.5	SM946	0.322		367+03.2		36703.2	8 IN	X56	XR	48.711683	103.612980	2220.60	2214.10	6.50	FBE	50.1	50.3	TC1211-105	NC0741-92		
3/4/2014	1007	TC1211-105	50.1	SM947	0.322		367+53.3		36753.3	8 IN	X56	XR	48.711545	103.612977	2219.90	2214.20	5.70	FBE	50.3	50.5	SC1214-89	NC0744-98		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
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COLUMN TOTAL		
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REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 184	SHEET No. 84 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1008	SC1214-89	50.3	SM948	0.322		368+03.6		36803.6	8 IN	X56	XR	48.711407	103.612974	2218.90	2213.40	5.50	FBE	50.3	50.1	NC0750-103	TC1211-105		
3/4/2014	1009	NC0750-103	50.3	SM953	0.322		368+54.0		36854.0	8 IN	X56	XR	48.711269	103.612973	2217.30	2211.90	5.40	FBE	50.2	50.3	TC1211-105	SC1214-89		
3/4/2014	1010	TC1211-105	50.2	SM954	0.322		369+04.2		36904.2	8 IN	X56	XR	48.711132	103.612971	2215.80	2210.40	5.40	FBE	49.8	50.3	SC1209-97	NC0750-103		
3/4/2014	1011	SC1209-97	49.8	SM955	0.322		369+54.0		36954.0	8 IN	X56	XR	48.710995	103.612971	2214.10	2208.70	5.40	FBE	50.3	50.2	SC1207-94	TC1211-105		
3/4/2014	1012	SC1207-94	50.3	SM956	0.322		370+04.3		37004.3	8 IN	X56	XR	48.710858	103.612972	2214.10	2208.50	5.60	FBE	50.4	49.8	NC0750-103	SC1209-97		
3/4/2014	1013	NC0750-103	50.4	SM957	0.322		370+54.6		37054.6	8 IN	X56	XR	48.710720	103.612970	2215.30	2208.90	6.40	FBE	50.3	50.3	SC1212-103	SC1207-94		
3/4/2014	1014	SC1212-103	50.3	SM958	0.322		371+05.0		37105.0	8 IN	X56	XR	48.710582	103.612970	2216.50	2210.10	6.40	FBE	50.2	50.4	NC0750-103	NC0750-103		
3/4/2014	1015	NC0750-103	50.2	SM959	0.322		371+55.2		37155.2	8 IN	X56	XR	48.710444	103.612970	2217.60	2211.20	6.40	FBE	50.3	50.3	NC0750-103	SC1212-103		
3/4/2014	1016	NC0750-103	50.3	SM960	0.322		372+05.5		37205.5	8 IN	X56	XR	48.710306	103.612970	2217.70	2211.80	5.90	FBE	50.3	50.2	SC1209-91	NC0750-103		
3/4/2014	1017	SC1209-91	50.3	SM961	0.322		372+55.8		37255.8	8 IN	X56	XR	48.710168	103.612969	2217.00	2212.00	5.00	FBE	50.4	50.3	SC1215-96	NC0750-103		
3/4/2014	1018	SC1215-96	50.4	SM962	0.322		373+06.2		37306.2	8 IN	X56	XR	48.710030	103.612969	2217.00	2211.00	6.00	FBE	50.4	50.3	SC1209-91	SC1209-91		
3/4/2014	1019	SC1209-91	50.4	SM963	0.322		373+56.5		37356.5	8 IN	X56	XR	48.709892	103.612968	2215.70	2209.30	6.40	FBE	45.2	50.4	SC1209-91	SC1215-96		
3/4/2014	1020	SC1209-91	45.2	SM964	0.322		374+01.7		37401.7	8 IN	X56	XR	48.709769	103.612965	2213.40	2208.20	5.20	FBE	50.3	50.4	SC1209-104	SC1209-91		
3/4/2014	1021	SC1209-104	50.3	SMT142	0.322		374+52.1		37452.1	8 IN	X56	XR	48.709631	103.612962	2210.00	2204.50	5.50	FBE	6.0	45.2	SC1214-102	SC1209-91		
3/4/2014	993A	SC1214-102	6.0	SMT143	0.322		374+58.1		37458.1	8 IN	X56	XR	48.709614	103.612961	2209.90	2204.40	5.50	FBE	44.1	50.3	TC1211-105	SC1209-104		
3/4/2014	1022	TC1211-105	44.1	SM965	0.322		375+02.2		37502.2	8 IN	X56	XR	48.709494	103.612958	2209.10	2204.40	4.70	FBE	50.3	6.0	NC0744-100	SC1214-102		
3/4/2014	1023	NC0744-100	50.3	SM966	0.322		375+52.4		37552.4	8 IN	X56	XR	48.709356	103.612953	2208.70	2203.60	5.10	FBE	50.3	44.1	TC1211-105	TC1211-105		
3/4/2014	1024	TC1211-105	50.3	SM967	0.322		376+02.7		37602.7	8 IN	X56	XR	48.709218	103.612949	2207.40	2203.00	4.40	FBE	50.2	50.3	SC1213-101	NC0744-100		
3/4/2014	1025	SC1213-101	50.2	SM968	0.322		376+52.8		37652.8	8 IN	X56	XR	48.709081	103.612946	2207.40	2202.50	4.90	FBE	50.3	50.3	SC1214-102	TC1211-105		
3/4/2014	1026	SC1214-102	50.3	SM969	0.322		377+03.2		37703.2	8 IN	X56	XR	48.708943	103.612943	2206.90	2202.20	4.70	FBE	49.5	50.2	SC1213-101	SC1213-101		
3/4/2014	1027	SC1213-101	49.5	SM970	0.322		377+52.7		37752.7	8 IN	X56	XR	48.708807	103.612941	2206.60	2201.70	4.90	FBE	50.3	50.3	SC1213-93	SC1214-102		
3/4/2014	1028	SC1213-93	50.3	SM971	0.322		378+03.0		37803.0	8 IN	X56	XR	48.708670	103.612941	2205.50	2200.80	4.70	FBE	50.5	49.5	SC1213-93	SC1213-101		
3/4/2014	1029	SC1213-93	50.5	SM972	0.322		378+53.4		37853.4	8 IN	X56	XR	48.708533	103.612939	2204.40	2199.90	4.50	FBE	46.3	50.3	SC1213-93	SC1213-93		
3/4/2014	1030A	SC1213-93	46.3	SMT128	0.322		378+99.7		37899.7	8 IN	X56	XR	48.708406	103.612936	2200.90	2195.40	5.50	FBE	7.7	50.5	NC0747-154	SC1213-93		
3/4/2014	629A	NC0747-154	7.7	SMT129	0.322		379+07.4		37907.4	8 IN	X56	XR	48.708385	103.612936	2200.90	2194.60	6.30	FBE	48.2	46.3	SC1209-91	SC1213-93		
3/4/2014	1031	SC1209-91	48.2	SM974	0.322		379+55.6	P.I. < 2°36'42" RT.	37955.6	8 IN	X56	XR	48.708254	103.612930	2196.30	2190.00	6.30	FBE	49.1	7.7	SC1209-91	NC0747-154		
3/4/2014	1032	SC1214-102	49.1	SM975	0.322		380+04.7		38004.7	8 IN	X56	XR	48.708120	103.612934	2191.90	2186.30	5.60	FBE	50.1	48.2	SC1213-101	SC1209-91		
3/4/2014	1033	SC1213-101	50.1	SM976	0.322		380+54.8		38054.8	8 IN	X56	XR	48.707983	103.612935	2187.40	2181.70	5.70	FBE	50.3	49.1	NC0750-103	SC1214-102		
3/4/2014	1034	NC0750-103	50.3	SM977	0.322		381+05.0		38105.0	8 IN	X56	XR	48.707846	103.612933	2184.00	2178.20	5.80	FBE	50.4	50.1	SC1209-91	SC1213-101		
3/4/2014	1035	SC1209-91	50.4	SM978	0.322		381+55.5		38155.5	8 IN	X56	XR	48.707708	103.612931	2182.00	2175.90	6.10	FBE	50.2	50.3	SC1214-89	NC0750-103		
3/4/2014	1036	SC1214-89	50.2	SM979	0.322		382+05.7		38205.7	8 IN	X56	XR	48.707570	103.612929	2179.60	2174.00	5.60	FBE	54.7	50.4	SC1214-89	SC1209-91		
3/4/2014	1037	SC1214-89	54.7	SM980	0.322		382+60.4		38260.4	8 IN	X56	XR	48.707420	103.612924	2178.10	2172.20	5.90	FBE	46.1	50.2	NC0741-95	SC1214-89		
3/4/2014	1038	NC0741-95	46.1	SM981	0.322		383+06.5		38306.5	8 IN	X56	XR	48.707294	103.612921	2178.70	2172.30	6.40	FBE	49.2	54.7	NC0741-95	SC1214-89		
3/4/2014	1039	NC0741-95	49.2	SM982	0.322		383+55.7		38355.7	8 IN	X56	XR	48.707159	103.612918	2178.50	2173.00	5.50	FBE	50.3	46.1	SC1213-101	NC0741-95		
3/4/2014	1040	SC1213-101	50.3	SM983	0.322		384+06.0		38406.0	8 IN	X56	XR	48.707021	103.612917	2178.50	2173.30	5.20	FBE	49.7	49.2	SC1215-88	NC0741-95		
3/4/2014	1041	SC1215-88	49.7	SM984	0.322		384+55.7		38455.7	8 IN	X56	XR	48.706885	103.612915	2177.20	2171.60	5.60	FBE	49.4	50.3	TC1211-105	SC1213-101		
3/4/2014	1042	TC1211-105	49.4	SMT157	0.322	NO COATING INFO	385+05.1		38505.1	8 IN	X56	XR	48.706750	103.612911	2174.40	2169.30	5.10		15.1	49.7	NC0745-99	SC1215-88		
3/4/2014	1043	NC0745-99	15.1	SM984	0.322	NO COATING INFO	385+20.2		38520.2	8 IN	X56	XR	48.706708	103.612910	2174.80	2168.70	6.10		50.1	49.4	NC0742-96	TC1211-105		
3/4/2014	1044	NC0742-96	50.1	SM986	0.322	NO COATING INFO	385+70.3		38570.3	8 IN	X56	XR	48.706571	103.612908	2173.10	2167.70	5.40		49.0	15.1	NC0745-99	NC0745-99		
3/4/2014	1045	NC0745-99	49.0	SMT154	0.322	NO COATING INFO	386+19.3		38619.3	8 IN	X56	XR	48.706437	103.612906	2171.10	2165.10	6.00		41.2	50.1	D48765	NC0742-96		
3/4/2014	1046BR	D48765	41.2	SMB184		CALCULATED BORE	386+60.5		38660.5		X56	XR	48.706327	103.612906	2170.00	2155.77	14.23	ARO	41.2	49.0	D48763	NC0745-99		NOTE 1
3/4/2014	1047BR	D48763	41.2	SMB185		CALCULATED BORE	387+01.7		38701.7		X56	XR	48.706214	103.612906	2170.10	2153.62	16.48	ARO	42.4	41.2	D48763	D48765		NOTE 1
3/4/2014	1048BR	D48763	42.4	SMT155	0.322	NO COATING INFO	387+44.1		38744.1	8 IN	X56	XR	48.706099	103.612905	2164.30	2159.00	5.30		34.6	41.2	SC1214-63	D48763		
3/4/2014	1049	SC1214-63	34.6	SM987	0.322		387+78.7		38778.7	8 IN	X56	XR	48.706004	103.612904	2164.90	2159.20	5.70	FBE	50.4	42.4	NC0741-02	D48763		
3/4/2014	1050	NC0741-02	50.4	SM990	0.322	NO COATING INFO	388+29.1		38829.1	8 IN	X56	XR	48.705866	103.612898	2164.90	2160.30	4.60		30.5	34.6	NC0741-92	SC1214-63		
3/4/2014	1051	NC0741-92	30.5	SMT156	0.322	NO COATING INFO	388+59.7		38859.7	8 IN	X56	XR	48.705782	103.612896	2164.40	2159.90	4.50		49.1	50.4	SC1213-93	NC0741-02		
3/4/2014	1052	SC1213-93	49.1	SM988	0.322		389+08.8		38908.8	8 IN	X56	XR	48.705648	103.612891	2163.80	2158.70	5.10	FBE	33.4	30.5	NC0744-98	NC0741-92		
3/4/2014	1053	NC0744-98	33.4	SM989	0.322		389+42.1		38942.1	8 IN	X56	XR	48.705556	103.612888	2163.50	2158.10	5.40	FBE	50.2	49.1	SC1213-93	SC1213-93		
3/4/2014	1054	SC1213-93	50.2	SM991	0.322		389+92.3		38992.3	8 IN	X56	XR	48.705419	103.612885	2162.20	2157.50	4.70	FBE	50.3	33.4	SC1213-93	NC0744-98		
3/4/2014	1055	SC1213-93	50.3	SM992	0.322		390+42.6		39042.6	8 IN	X56	XR	48.705281	103.612886	2161.90	2157.00	4.90	FBE	50.2	50.2	SC1213-93	SC1213-93		
3/4/2014	1056	SC1213-93	50.2	SM993	0.322		390+92.8		39092.8	8 IN	X56	XR	48.705144	103.612886	2162.40	2157.30	5.10	FBE	50.5	50.3	SC1215-90	SC1213-93		
3/4/2014	1057	SC1215-90	50.5	SM994	0.322		391+43.3		39143.3	8 IN	X56	XR	48.705005	103.612882	2164.40	2159.30	5.10	FBE	49.0	50.2	SC1209-91	SC1213-93		
3/4/2014	1058	SC1209-91	49.0	SM995	0.322		391+92.3	P.I. < 3°02'23" LT.	39192.3	8 IN	X56	XR	48.704871	103.612882	2166.10	2160.90	5.20	FBE	49.8	50.5	SC1209-91	SC1215-90		
3/4/2014	1059	SC1209-91	49.8	SM996	0.322		392+42.1		39242.1	8 IN	X56	XR	48.704735	103.612878	2164.80	2159.70	5.10	FBE	50.4	49.0	SC1209-91	SC1209-91		
3/4/2014	1060	SC1209-91	50.4	SM997	0.322		392+92.5		39292.5	8 IN	X56	XR	48.704597	103.612875	2162.00	2157.00	5.00	FBE	50.7	49.8	SC1215-88	SC1209-91		
3/4/2014	1061	SC1215-88	50.7	SM998	0.322		393+43.1		39343.1	8 IN	X56	XR	48.704458	103.612872	2159.30	2154.30	5.00	FBE	49.7	50.4	SC1209-46	SC1209-91		
3/4/2014	1062	SC1209-46	49.7	SM999	0.322		393+92.9		39392.9	8 IN	X56	XR	48.704322	103.612870	2156.80	2151.80	5.00	FBE	50.4	50.7	SC1213-93	SC1215-88		
3/4/2014	1063	SC1213-93	50.4	SM1000	0.322		394+43.2		39443.2	8 IN	X56	XR	48.704184	103.612870	2154.60	2149.70	4.90	FBE	50.3	49.7	SC1215-90	SC1209-46		
3/4/2014	1064	SC1215-90	50.3	SM1001	0.322		394+93.5		39493.5	8 IN	X56	XR	48.704046	103.612869	2151.90	2146.80	5.10	FBE	50.2	50.4	SC1214-89	SC1213-93		
3/4/2014	1065	SC1214-89	50.2	SM1002	0.322		395+43.7	P.I. < 2°27'12" RT.	39543.7	8 IN	X56	XR	48.703909	103.612868	2148.10	2143.10	5.00	FBE	50.6	50.3	SC1214-89	SC1215-90		
3/4/2014	1066	SC1214-89	50.6	SM1003	0.322		395+94.2		39594.2	8 IN	X56	XR	48.703771	103.612866	2145.20	2140.60	4.60	FBE	50.4	50.2	SC1215-90	SC1214-89		
3/4/2014	1067	SC1215-90	50.4	SM1004	0.322		396+44.6		39644.6	8 IN	X56	XR	48.703633	103.612864	2143.70	2138.80	4.90	FBE	50.1	50.6	SC1215-89	SC1214-89		
3/4/2014	1068	SC1215-89	50.1	SM1005	0.322		396+94.7	P.I. < 3°39'48" RT.	39694.7	8 IN	X56	XR	48.703496	103.612863	2140.70	2136.40	4.30	FBE	50.1	50.4	SC1215-90	SC1215-90		
3/4/2014	1069	SC1215-90	50.1	SM1006	0.322		397+44.8		39744.8	8 IN	X56	XR	48.703359	103.612859	2143.80	2138.90	4.90	FBE	50.3	50.1	NC0741-95	SC1215-89		
3/4/2014	1070	NC0741-95	50.3	SM1007	0.322		397+95.2		39795.2	8 IN	X56	XR	48.703221	103.612855	2146.30	2141.30	5.00	FBE	50.1	50.1	NC0741-95	SC1215-90		
3/4/2014	1071	NC0741-95	50.1	SM1008	0.322		398+45.3		39845.3	8 IN	X56	XR	48.703084	103.612850	2147.60	2142.70	4.90	FBE	50.6	50.3	SC1214-89	NC0741-95		
3/4/2014	1072	SC1214-89	50.6	SM1009	0.322		398+95.9		39895.9	8 IN	X56	XR	48.702945	103.612847	2146.80	2142.20	4.60	FBE	49.7	50.1	NC0741-92	NC0741-95		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 185	SHEET No. 85 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1073	NC0741-92	49.7	SM1010	0.322		399+45.6		39945.6	8 IN	X56	XR	48.702809	103.612848	2144.60	2139.80	4.80	FBE	50.2	50.6	SC1214-106	SC1214-89		
3/4/2014	1074	SC1214-106	50.2	SM1011	0.322		399+95.8		39995.8	8 IN	X56	XR	48.702672	103.612851	2142.50	2137.50	5.00	FBE	50.4	49.7	SC1214-106	NC0741-92		
3/4/2014	1075	SC1214-106	50.4	SM1012	0.322		400+46.2		40046.2	8 IN	X56	XR	48.702534	103.612850	2140.20	2135.20	5.00	FBE	50.2	50.2	SC1213-93	SC1214-106		
3/4/2014	1076	SC1213-93	50.2	SM1013	0.322		400+96.4		40096.4	8 IN	X56	XR	48.702396	103.612849	2137.30	2132.40	4.90	FBE	44.9	50.4	SC1209-97	SC1214-106		
3/4/2014	1077	SC1209-97	44.9	SM1014	0.322		401+41.3		40141.3	8 IN	X56	XR	48.702273	103.612847	2135.40	2130.50	4.90	FBE	29.9	50.2	SC1214-62	SC1213-93		
3/4/2014	1078	SC1214-62	29.9	SM1015	0.322		401+71.2		40171.2	8 IN	X56	XR	48.702191	103.612845	2134.60	2129.60	5.00	FBE	43.2	44.9	SC1211-105	SC1209-97		
3/4/2014	1079	SC1211-105	43.2	SM1016	0.322		402+14.4		40214.4	8 IN	X56	XR	48.702073	103.612844	2132.90	2128.20	4.70	FBE	50.1	29.9	SC1214-89	SC1214-62		
3/4/2014	1080	SC1214-89	50.1	SM1017	0.322		402+64.5		40264.5	8 IN	X56	XR	48.701936	103.612840	2130.70	2125.70	5.00	FBE	50.3	43.2	SC1214-76	SC1211-105		
3/4/2014	1081	SC1214-76	50.3	SM1018	0.322		403+14.8		40314.8	8 IN	X56	XR	48.701798	103.612839	2128.60	2123.50	5.10	FBE	49.3	50.1	SC1214-106	SC1214-89		
3/4/2014	1082	SC1214-106	49.3	SM1019	0.322		403+64.1		40364.1	8 IN	X56	XR	48.701663	103.612838	2127.40	2122.60	4.80	FBE	50.5	50.3	SC1209-97	SC1214-76		
3/4/2014	1083	SC1209-97	50.5	SM1020	0.322		404+14.6		40414.6	8 IN	X56	XR	48.701525	103.612837	2127.20	2122.00	5.20	FBE	49.5	49.3	SC1214-106	SC1214-106		
3/4/2014	1084	SC1214-106	49.5	SM1021	0.322		404+64.1		40464.1	8 IN	X56	XR	48.701389	103.612830	2127.20	2122.00	5.20	FBE	50.4	50.5	SC1214-106	SC1209-97		
3/4/2014	1085	SC1214-106	50.4	SM1022	0.322		405+14.5		40514.5	8 IN	X56	XR	48.701251	103.612825	2125.70	2120.70	5.00	FBE	50.4	49.5	SC1214-106	SC1214-106		
3/4/2014	1086	SC1214-106	50.4	SM1023	0.322		405+64.9		40564.9	8 IN	X56	XR	48.701113	103.612822	2122.50	2117.30	5.20	FBE	49.5	50.4	NC0741-50	SC1214-106		
3/4/2014	1087	NC0741-50	49.5	SM1024	0.322		406+14.4		40614.4	8 IN	X56	XR	48.700977	103.612820	2120.10	2115.00	5.10	FBE	50.2	50.4	SC1213-101	SC1214-106		
3/4/2014	1088	SC1213-101	50.2	SM1025	0.322		406+64.6		40664.6	8 IN	X56	XR	48.700840	103.612822	2118.90	2114.40	4.50	FBE	50.1	49.5	NC0745-99	NC0741-50		
3/4/2014	1089	NC0745-99	50.1	SM1026	0.322		407+14.7	P.I. < 4°32'44" RT.	40714.7	8 IN	X56	XR	48.700703	103.612820	2120.30	2114.40	5.90	FBE	50.4	50.2	NC0745-99	SC1213-101		
3/4/2014	1090	NC0745-99	50.4	SM1027	0.322		407+65.2		40765.2	8 IN	X56	XR	48.700565	103.612807	2120.90	2115.80	5.10	FBE	50.3	50.1	NC0741-95	NC0745-99		
3/4/2014	1091	NC0741-95	50.3	SM1028	0.322		408+15.4		40815.4	8 IN	X56	XR	48.700428	103.612791	2120.90	2116.30	4.60	FBE	49.3	50.4	NC0744-100	NC0745-99		
3/4/2014	1092	NC0744-100	49.3	SM1029	0.322		408+64.8		40864.8	8 IN	X56	XR	48.700293	103.612778	2120.50	2115.90	4.60	FBE	50.5	50.3	NC0741-95	NC0741-95		
3/4/2014	1093	NC0741-95	50.5	SM1030	0.322		409+15.2		40915.2	8 IN	X56	XR	48.700155	103.612765	2121.30	2115.80	5.50	FBE	50.4	49.3	SC1213-93	NC0744-100		
3/4/2014	1094	SC1213-93	50.4	SM1031	0.322		409+65.6		40965.6	8 IN	X56	XR	48.700017	103.612753	2121.30	2116.60	4.70	FBE	50.9	50.5	NC0741-95	NC0741-95		
3/4/2014	1095	NC0741-95	50.9	SM1032	0.322		410+16.4		41016.4	8 IN	X56	XR	48.699878	103.612740	2121.30	2116.50	4.80	FBE	49.6	50.4	NC0741-95	SC1213-93		
3/4/2014	1096	NC0741-95	49.6	SM1033	0.322		410+66.1	P.I. < 3°30'22" LT.	41066.1	8 IN	X56	XR	48.699742	103.612732	2119.80	2114.50	5.30	FBE	50.6	50.9	SC1213-93	NC0741-95		
3/4/2014	1097	SC1213-93	50.6	SM1034	0.322		411+16.7		41116.7	8 IN	X56	XR	48.699603	103.612721	2119.80	2114.10	5.70	FBE	50.2	49.6	SC1209-91	NC0741-95		
3/4/2014	1098	SC1209-91	50.2	SM1035	0.322		411+66.9	P.I. < 2°27'19" LT.	41166.9	8 IN	X56	XR	48.699467	103.612705	2123.60	2118.40	5.20	FBE	50.4	50.6	SC1213-93	SC1213-93		
3/4/2014	1099	SC1213-93	50.4	SM1036	0.322		412+17.3		41217.3	8 IN	X56	XR	48.699329	103.612689	2126.10	2121.40	4.70	FBE	50.1	50.2	SC1213-93	SC1209-91		
3/4/2014	1100	SC1213-93	50.1	SM1037	0.322		412+67.4		41267.4	8 IN	X56	XR	48.699192	103.612675	2127.40	2121.30	6.10	FBE	50.3	50.4	SC1213-101	SC1213-93		
3/4/2014	1101	SC1213-101	50.3	SM1038	0.322		413+17.7		41317.7	8 IN	X56	XR	48.699055	103.612661	2129.10	2122.80	6.30	FBE	42.7	50.1	SC1209-97	SC1213-93		
3/4/2014	1102	SC1209-97	42.7	SM1039	0.322		413+60.3		41360.3	8 IN	X56	XR	48.698938	103.612649	2130.00	2124.10	5.90	FBE	50.6	50.3	SC1207-94	SC1213-101		
3/4/2014	1103	SC1207-94	50.6	SM1040	0.322		414+11.0		41411.0	8 IN	X56	XR	48.698800	103.612636	2130.90	2125.20	5.70	FBE	50.3	42.7	SC1209-97	SC1209-97		
3/4/2014	1104	SC1209-97	50.3	SM1041	0.322		414+61.2		41461.2	8 IN	X56	XR	48.698662	103.612624	2131.70	2126.00	5.70	FBE	50.2	50.6	SC1209-97	SC1207-94		
3/4/2014	1105	SC1209-97	50.2	SM1042	0.322		415+11.4		41511.4	8 IN	X56	XR	48.698525	103.612612	2133.10	2126.90	6.20	FBE	49.5	50.3	SC1215-80	SC1209-97		
3/4/2014	1106	SC1215-80	49.5	SM1043	0.322		415+61.0		41561.0	8 IN	X56	XR	48.698390	103.612598	2134.20	2128.10	6.10	FBE	50.7	50.2	NC0748-136	SC1209-97		
3/4/2014	1107	NC0748-136	50.7	SM1044	0.322		416+11.7		41611.7	8 IN	X56	XR	48.698251	103.612584	2135.10	2129.80	5.30	FBE	49.5	49.5	NC0750-103	SC1215-80		
3/4/2014	1108	NC0750-103	49.5	SM1045	0.322		416+61.2		41661.2	8 IN	X56	XR	48.698116	103.612572	2135.30	2130.20	5.10	FBE	50.4	50.7	SC1209-91	NC0748-136		
3/4/2014	1109	SC1209-91	50.4	SM1046	0.322		417+11.5		41711.5	8 IN	X56	XR	48.697978	103.612557	2135.50	2130.50	5.00	FBE	50.7	49.5	NC0749-85	NC0750-103		
3/4/2014	1110	NC0749-85	50.7	SM1047	0.322		417+62.2		41762.2	8 IN	X56	XR	48.697839	103.612544	2135.50	2130.30	5.20	FBE	50.3	50.4	SC1215-90	SC1209-91		
3/4/2014	1111	SC1215-90	50.3	SM1048	0.322		418+12.5		41812.5	8 IN	X56	XR	48.697702	103.612528	2134.90	2130.10	4.80	FBE	50.5	50.7	NC0745-99	NC0749-85		
3/4/2014	1112	NC0745-99	50.5	SM1049	0.322		418+63.0		41863.0	8 IN	X56	XR	48.697564	103.612516	2133.40	2128.70	4.70	FBE	50.0	50.3	SC1213-101	SC1215-90		
3/4/2014	1113	SC1213-101	50.0	SM1050	0.322		419+13.0	P.I. < 2°20'31" LT.	41913.0	8 IN	X56	XR	48.697427	103.612510	2131.80	2127.00	4.80	FBE	50.4	50.5	SC1209-104	NC0745-99		
3/4/2014	1114	SC1209-104	50.4	SM1051	0.322		419+63.4	P.I. < 2°22'36" LT.	41963.4	8 IN	X56	XR	48.697289	103.612499	2130.30	2126.40	3.90	FBE	49.5	50.0	SC1214-63	SC1213-101		
3/4/2014	1115	SC1214-63	49.5	SM1052	0.322		420+12.9		42012.9	8 IN	X56	XR	48.697154	103.612483	2133.40	2128.40	5.00	FBE	50.2	50.4	NC0750-103	SC1209-104		
3/4/2014	1116	NC0750-103	50.2	SMT135	0.322		420+63.1		42063.1	8 IN	X56	XR	48.697017	103.612468	2134.20	2129.40	4.80	FBE	43.7	49.5	NC0750-103	SC1214-63		
3/4/2014	1117	NC0750-103	43.7	SM1053	0.322		421+06.7		42106.7	8 IN	X56	XR	48.696897	103.612454	2134.10	2129.60	4.50	FBE	50.4	50.2	SC1214-106	NC0750-103		
3/4/2014	1118	SC1214-106	50.4	SM1054	0.322		421+57.1		42157.1	8 IN	X56	XR	48.696759	103.612444	2134.60	2129.30	5.30	FBE	45.7	43.7	SC1214-102	NC0750-103		
3/4/2014	1119	SC1214-102	45.7	SM1055	0.322		422+02.9		42202.9	8 IN	X56	XR	48.696634	103.612433	2134.60	2129.50	5.10	FBE	50.4	50.4	NC0742-96	SC1214-106		
3/4/2014	1120	NC0742-96	50.4	SM1056	0.322		422+53.3		42253.3	8 IN	X56	XR	48.696496	103.612423	2134.60	2129.50	5.10	FBE	50.2	45.7	SC1209-97	SC1214-102		
3/4/2014	1121	SC1209-97	50.2	SM1057	0.322		423+03.5		42303.5	8 IN	X56	XR	48.696359	103.612409	2133.70	2128.80	4.90	FBE	50.1	50.4	NC0742-96	NC0742-96		
3/4/2014	1122	NC0742-96	50.1	SM1058	0.322		423+53.6		42353.6	8 IN	X56	XR	48.696222	103.612397	2132.60	2128.10	4.50	FBE	49.5	50.2	SC1214-106	SC1209-97		
3/4/2014	1123	SC1214-106	49.5	SM1059	0.322		424+03.1		42403.1	8 IN	X56	XR	48.696086	103.612385	2133.00	2128.00	5.00	FBE	50.3	50.1	NC0742-96	NC0742-96		
3/4/2014	1124	NC0742-96	50.3	SM1060	0.322		424+53.4		42453.4	8 IN	X56	XR	48.695949	103.612372	2133.00	2128.00	5.00	FBE	50.5	49.5	SC1214-102	SC1214-106		
3/4/2014	1125	SC1214-102	50.5	SM1061	0.322		425+03.9		42503.9	8 IN	X56	XR	48.695811	103.612358	2133.70	2128.00	5.70	FBE	49.4	50.3	NC0741-95	NC0742-96		
3/4/2014	1126	NC0741-95	49.4	SM1062	0.322		425+53.3		42553.3	8 IN	X56	XR	48.695675	103.612347	2134.60	2128.80	5.80	FBE	50.2	50.5	SC1213-93	SC1214-102		
3/4/2014	1127	SC1213-93	50.2	SM1063	0.322		426+03.5		42603.5	8 IN	X56	XR	48.695538	103.612336	2135.40	2129.80	5.60	FBE	50.9	49.4	NC0741-95	NC0741-95		
3/4/2014	1128	NC0741-95	50.9	SM1064	0.322		426+54.4		42654.4	8 IN	X56	XR	48.695399	103.612325	2135.90	2130.40	5.50	FBE	50.1	50.2	NC0741-95	SC1213-93		
3/4/2014	1129	NC0741-95	50.1	SM1065	0.322		427+04.4		42704.4	8 IN	X56	XR	48.695262	103.612312	2136.20	2130.90	5.30	FBE	50.2	50.9	NC0741-95	NC0741-95		
3/4/2014	1130	NC0741-95	50.2	SM1066	0.322		427+54.7		42754.7	8 IN	X56	XR	48.695124	103.612298	2136.40	2131.30	5.10	FBE	31.3	50.1	SC1215-90	NC0741-95		
3/4/2014	1131	SC1215-90	31.3	SM1067	0.322		427+86.0		42786.0	8 IN	X56	XR	48.695039	103.612291	2136.40	2131.30	5.10	FBE	50.4	50.2	SC1207-94	NC0741-95		
3/4/2014	1132	SC1207-94	50.4	SM1068	0.322		428+36.3		42836.3	8 IN	X56	XR	48.694901	103.612280	2136.00	2131.20	4.80	FBE	49.3	31.3	SC1209-104	SC1215-90		
3/4/2014	1133	SC1209-104	49.3	SM1069	0.322		428+85.6		42885.6	8 IN	X56	XR	48.694766	103.612267	2136.10	2131.00	5.10	FBE	50.0	50.4	TC1211-69	SC1207-94		
3/4/2014	1134	TC1211-69	50.0	SM1070	0.322		429+35.7		42935.7	8 IN	X56	XR	48.694629	103.612255	2136.20	2130.50	5.70	FBE	50.3	49.3	NC0748-163	SC1209-104		
3/4/2014	1135	NC0748-163	50.3	SM1071	0.322		429+85.9		42985.9	8 IN	X56	XR	48.694492	103.612241	2136.70	2131.00	5.70	FBE	45.7	50.0	NC0744-100	TC1211-69		
3/4/2014	1136	NC0744-100	45.7	SM1072	0.322		430+31.7		43031.7	8 IN	X56	XR	48.694367	103.612229	2137.40	2131.70	5.70	FBE	50.3	50.3	NC0744-98	NC0748-163		
3/4/2014	1137	NC0744-98	50.3	SM1073	0.322		430+81.9		43081.9	8 IN	X56	XR	48.694229	103.612215	2137.60	2132.10	5.50	FBE	50.4	45.7	SC1209-97	NC0744-100		
3/4/2014	1138	SC1209-97	50.4	SM1074	0.322		431+32.3		43132.3	8 IN	X56	XR	48.694092	103.612199	2138.10	2132.60	5.50	FBE	42.7	50.3	NC0745-99	NC0744-98		
3/4/2014	1139	NC0745-99	42.7	SM1075	0.322		431+75.0		43175.0	8 IN	X56	XR	48.693975	103.612185	2138.10	2132.90	5.20	FBE	38.9	50.4	SC1214-62	SC1209-97		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 186	SHEET No. 86 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1140	SC1214-62	38.9	SM1076	0.322		432+13.9		43213.9	8 IN	X56	XR	48.693869	103.612168	2137.90	2132.70	5.20	FBE	50.0	42.7	SC1215-72	NC0745-99		
3/4/2014	1141	SC1215-72	50.0	SM1077	0.322		432+63.9		43263.9	8 IN	X56	XR	48.693732	103.612150	2137.90	2133.10	4.80	FBE	50.3	38.9	SC1213-101	SC1214-62		
3/4/2014	1142	SC1213-101	50.3	SM1078	0.322		433+14.2		43314.2	8 IN	X56	XR	48.693595	103.612133	2137.80	2132.80	5.00	FBE	50.6	50.0	NC0745-99	SC1215-72		
3/4/2014	1143	NC0745-99	50.6	SM1079	0.322		433+64.8		43364.8	8 IN	X56	XR	48.693457	103.612114	2137.70	2132.30	5.40	FBE	50.6	50.3	NC0742-96	SC1213-101		
3/4/2014	1144	NC0742-96	50.6	SM1080	0.322		434+15.3		43415.3	8 IN	X56	XR	48.693319	103.612094	2137.80	2132.40	5.40	FBE	50.0	50.6	SC1209-97	NC0745-99		
3/4/2014	1145	SC1209-97	50.0	SM1081	0.322		434+65.4		43465.4	8 IN	X56	XR	48.693182	103.612075	2137.80	2132.50	5.30	FBE	50.1	50.6	NC0746-137	NC0742-96		
3/4/2014	1146	NC0746-137	50.1	SM1082	0.322		435+15.5		43515.5	8 IN	X56	XR	48.693046	103.612056	2137.20	2132.20	5.00	FBE	50.0	50.0	TC1211-108	SC1209-97		
3/4/2014	1147	TC1211-108	50.0	SM1083	0.322		435+65.5		43565.5	8 IN	X56	XR	48.692909	103.612039	2136.20	2130.80	5.40	FBE	49.9	50.1	TC1211-69	NC0746-137		
3/4/2014	1148	TC1211-69	49.9	SM1084	0.322		436+15.4		43615.4	8 IN	X56	XR	48.692773	103.612021	2134.30	2128.90	5.40	FBE	50.8	50.0	SC1209-101	TC1211-108		
3/4/2014	1149	SC1209-101	50.8	SM1085	0.322		436+66.2		43666.2	8 IN	X56	XR	48.692634	103.612002	2132.10	2126.70	5.40	FBE	49.9	49.9	NC0749-137	TC1211-69		
3/4/2014	1150	NC0749-137	49.9	SM1086	0.322		437+16.1		43716.1	8 IN	X56	XR	48.692498	103.611985	2130.40	2125.10	5.30	FBE	50.3	50.8	NC0744-98	SC1209-101		
3/4/2014	1151	NC0744-98	50.3	SM1087	0.322		437+66.5	P.I. < 2°04'56" RT.	43766.5	8 IN	X56	XR	48.692361	103.611966	2130.10	2124.20	5.90	FBE	49.7	49.9	NC0745-109	NC0749-137		
3/4/2014	1152	NC0745-109	49.7	SM1088	0.322		438+16.2		43816.2	8 IN	X56	XR	48.692225	103.611945	2130.80	2124.60	6.20	FBE	50.4	50.3	NC0744-100	NC0744-98		
3/4/2014	1153	NC0744-100	50.4	SM1089	0.322		438+66.6		43866.6	8 IN	X56	XR	48.692088	103.611926	2131.80	2125.20	6.60	FBE	50.3	49.7	NC0744-100	NC0745-109		
3/4/2014	1154	NC0744-100	50.3	SM1090	0.322		439+16.9		43916.9	8 IN	X56	XR	48.691950	103.611906	2131.80	2126.90	4.90	FBE	50.0	50.4	SC1214-102	NC0744-100		
3/4/2014	1155	SC1214-102	50.0	SM1091	0.322		439+66.9		43966.9	8 IN	X56	XR	48.691814	103.611887	2133.20	2128.00	5.20	FBE	50.4	50.3	NC0741-95	NC0744-100		
3/4/2014	1156	NC0741-95	50.4	SM1092	0.322		440+17.2		44017.2	8 IN	X56	XR	48.691677	103.611868	2134.20	2128.40	5.80	FBE	50.1	50.0	SC1214-107	SC1214-102		
3/4/2014	1157	SC1214-107	50.1	SM1093	0.322		440+67.3		44067.3	8 IN	X56	XR	48.691540	103.611851	2134.50	2128.90	5.60	FBE	50.0	50.4	SC1214-106	NC0741-95		
3/4/2014	1158	SC1214-106	50.0	SM1094	0.322		441+17.3		44117.3	8 IN	X56	XR	48.691403	103.611830	2134.40	2128.80	5.60	FBE	50.4	50.1	NC0745-109	SC1214-107		
3/4/2014	1159	NC0745-109	50.4	SM1095	0.322		441+67.7		44167.7	8 IN	X56	XR	48.691266	103.611811	2133.90	2128.20	5.70	FBE	49.9	50.0	NC0746-81	SC1214-106		
3/4/2014	1160	NC0746-81	49.9	SM1096	0.322		442+17.6		44217.6	8 IN	X56	XR	48.691130	103.611793	2133.40	2127.90	5.50	FBE	50.1	50.4	NC0746-81	NC0745-109		
3/4/2014	1161	NC0746-81	50.1	SM1097	0.322		442+67.7		44267.7	8 IN	X56	XR	48.690993	103.611773	2133.50	2128.00	5.50	FBE	41.0	49.9	SC1215-73	NC0746-81		
3/4/2014	1162	SC1215-73	41.0	SM1098	0.322		443+08.7		44308.7	8 IN	X56	XR	48.690881	103.611758	2133.60	2128.10	5.50	FBE	50.1	50.1	NC0745-109	NC0746-81		
3/4/2014	1163	NC0745-109	50.1	SM1099	0.322		443+58.8		44358.8	8 IN	X56	XR	48.690744	103.611741	2133.70	2128.10	5.60	FBE	42.4	41.0	NC0746-87	SC1215-73		
3/4/2014	1164	NC0746-87	42.4	SM1100	0.322		444+01.2		44401.2	8 IN	X56	XR	48.690628	103.611725	2134.30	2128.70	5.60	FBE	49.5	50.1	SC1215-72	NC0745-109		
3/4/2014	1165	SC1215-72	49.5	SM1101	0.322		444+50.7		44450.7	8 IN	X56	XR	48.690493	103.611706	2135.40	2129.90	5.50	FBE	50.2	42.4	SC1214-107	NC0746-87		
3/4/2014	1166	SC1214-107	50.2	SM1102	0.322		445+01.0		44501.0	8 IN	X56	XR	48.690356	103.611687	2137.00	2131.40	5.60	FBE	50.8	49.5	SC1214-76	SC1215-72		
3/4/2014	1167	SC1214-76	50.8	SM1103	0.322		445+51.7		44551.7	8 IN	X56	XR	48.690218	103.611667	2138.50	2132.70	5.80	FBE	50.1	50.2	NC0744-98	SC1214-107		
3/4/2014	1168	NC0744-98	50.1	SM1104	0.322		446+01.9		44601.9	8 IN	X56	XR	48.690081	103.611648	2139.40	2133.80	5.60	FBE	50.2	50.8	NC0745-109	SC1214-76		
3/4/2014	1169	NC0745-109	50.2	SM1105	0.322		446+52.1		44652.1	8 IN	X56	XR	48.689944	103.611629	2140.20	2134.20	6.00	FBE	50.0	50.1	NC0744-98	NC0744-98		
3/4/2014	1170	NC0744-98	50.0	SM1106	0.322		447+02.0		44702.0	8 IN	X56	XR	48.689808	103.611610	2140.50	2134.40	6.10	FBE	50.5	50.2	NC0744-98	NC0745-109		
3/4/2014	1171	NC0744-98	50.5	SM1107	0.322		447+52.5		44752.5	8 IN	X56	XR	48.689670	103.611591	2140.50	2134.80	5.70	FBE	50.4	50.0	NC0744-98	NC0744-98		
3/4/2014	1172	NC0744-98	50.4	SM1108	0.322		448+02.9		44802.9	8 IN	X56	XR	48.689532	103.611574	2139.40	2133.80	5.60	FBE	49.8	50.5	NC0745-109	NC0744-98		
3/4/2014	1173	NC0745-109	49.8	SM1109	0.322		448+52.7		44852.7	8 IN	X56	XR	48.689396	103.611556	2137.50	2132.20	5.30	FBE	50.4	50.4	NC0750-103	NC0744-98		
3/4/2014	1174	NC0750-103	50.4	SM1110	0.322		449+03.1		44903.1	8 IN	X56	XR	48.689259	103.611537	2135.60	2130.60	5.00	FBE	50.6	49.8	SC1214-106	NC0745-109		
3/4/2014	1175	SC1214-106	50.6	SM1111	0.322		449+53.7		44953.7	8 IN	X56	XR	48.689121	103.611518	2135.40	2130.00	5.40	FBE	50.3	50.4	NC0742-96	NC0750-103		
3/4/2014	1176	NC0742-96	50.3	SM1112	0.322		450+04.0		45004.0	8 IN	X56	XR	48.688983	103.611499	2135.40	2129.80	5.60	FBE	49.7	50.6	SC1213-101	SC1214-106		
3/4/2014	1177	SC1213-101	49.7	SM1113	0.322		450+53.7		45053.7	8 IN	X56	XR	48.688848	103.611480	2133.90	2128.40	5.50	FBE	50.1	50.3	NC0745-99	NC0742-96		
3/4/2014	1178	NC0745-99	50.1	SM1114	0.322		451+03.8		45103.8	8 IN	X56	XR	48.688711	103.611460	2132.10	2126.60	5.50	FBE	50.0	49.7	NC0745-99	SC1213-101		
3/4/2014	1179	NC0745-99	50.0	SM1115	0.322		451+53.7		45153.7	8 IN	X56	XR	48.688575	103.611440	2130.70	2125.00	5.70	FBE	50.3	50.1	NC0745-99	NC0745-99		
3/4/2014	1180	NC0745-99	50.3	SM1116	0.322		452+04.0		45204.0	8 IN	X56	XR	48.688438	103.611419	2129.60	2123.80	5.80	FBE	49.7	50.0	SC1209-57	NC0745-99		
3/4/2014	1181	SC1209-57	49.7	SM1117	0.322		452+53.8		45253.8	8 IN	X56	XR	48.688302	103.611400	2128.70	2123.20	5.50	FBE	50.2	50.3	SC1214-102	NC0745-99		
3/4/2014	1182	SC1214-102	50.2	SM1118	0.322		453+04.0		45304.0	8 IN	X56	XR	48.688165	103.611382	2127.60	2122.00	5.60	FBE	43.5	49.7	SC1215-80	SC1209-57		
3/4/2014	1183	SC1215-80	43.5	SM1119	0.322		453+47.5		45347.5	8 IN	X56	XR	48.688046	103.611365	2127.00	2121.50	5.50	FBE	50.3	50.2	SC1213-101	SC1214-102		
3/4/2014	1184	SC1213-101	50.3	SM1120	0.322		453+97.7		45397.7	8 IN	X56	XR	48.687909	103.611348	2126.60	2121.30	5.30	FBE	50.1	43.5	SC1214-102	SC1215-80		
3/4/2014	1185	SC1214-102	50.1	SM1121	0.322		454+47.9		45447.9	8 IN	X56	XR	48.687772	103.611327	2126.60	2120.90	5.70	FBE	50.3	50.3	TC1211-105	SC1213-101		
3/4/2014	1186	TC1211-105	50.3	SM1122	0.322		454+98.2		45498.2	8 IN	X56	XR	48.687635	103.611307	2126.70	2121.00	5.70	FBE	49.9	50.1	SC1214-102	SC1214-102		
3/4/2014	1187	SC1214-102	49.9	SM1123	0.322		455+48.1		45548.1	8 IN	X56	XR	48.687499	103.611288	2126.90	2121.10	5.80	FBE	50.5	50.3	SC1213-93	TC1211-105		
3/4/2014	1188	SC1213-93	50.5	SM1124	0.322		455+98.6		45598.6	8 IN	X56	XR	48.687361	103.611268	2127.60	2121.30	6.30	FBE	49.3	49.9	SC1207-94	SC1214-102		
3/4/2014	1189	SC1207-94	49.3	SM1125	0.322		456+48.0		45648.0	8 IN	X56	XR	48.687226	103.611249	2128.60	2122.10	6.50	FBE	50.3	50.5	TC1211-108	SC1213-93		
3/4/2014	1190	TC1211-108	50.3	SM1126	0.322		456+98.3		45698.3	8 IN	X56	XR	48.687089	103.611230	2128.10	2123.00	5.10	FBE	50.6	49.3	TC1211-108	SC1207-94		
3/4/2014	1191	TC1211-108	50.6	SM1127	0.322		457+48.9		45748.9	8 IN	X56	XR	48.686951	103.611211	2128.10	2122.50	5.60	FBE	49.0	50.3	NC0746-87	TC1211-108		
3/4/2014	1192	NC0746-87	49.0	SM1128	0.322		457+97.9		45797.9	8 IN	X56	XR	48.686817	103.611192	2126.20	2120.60	5.60	FBE	50.4	50.6	SC1213-101	TC1211-108		
3/4/2014	1193	SC1213-101	50.4	SM1129	0.322		458+48.2		45848.2	8 IN	X56	XR	48.686680	103.611174	2124.80	2119.20	5.60	FBE	50.2	49.0	SC1209-104	NC0746-87		
3/4/2014	1194	SC1209-104	50.2	SM1130	0.322		458+98.5		45898.5	8 IN	X56	XR	48.686543	103.611157	2123.20	2118.10	5.10	FBE	47.0	50.4	NC0745-77	SC1213-101		
3/4/2014	1195	NC0745-77	47.0	SM1131	0.322		459+45.5		45945.5	8 IN	X56	XR	48.686414	103.611139	2123.60	2117.70	5.90	FBE	50.5	50.2	SC1209-97	SC1209-104		
3/4/2014	1196	SC1209-97	50.5	SM1132	0.322		459+96.0		45996.0	8 IN	X56	XR	48.686276	103.611122	2123.60	2118.20	5.40	FBE	49.8	47.0	SC1214-106	NC0745-77		
3/4/2014	1197	SC1214-106	49.8	SM1133	0.322	NO COATING INFO	460+45.8		46045.8	8 IN	X56	XR	48.686140	103.611106	2124.80	2119.60	5.20		35.8	50.5	SC1213-101	SC1209-97		
3/4/2014	1198	SC1213-101	35.8	SMT158	0.322	NO COATING INFO	460+81.6	P.I. < 16°24'19" RT.	46081.6	8 IN	X56	XR	48.686043	103.611094	2126.00	2120.30	5.70		6.2	49.8	C30174	SC1214-106		
3/4/2014	F20	C30174	6.2	SMT159	0.322	FACTORY BEND, NO COATING INFO	460+87.8	P.I. < 18°29'29" RT.	46087.8	8 IN	X56	XR	48.686027	103.611102	2126.00	2120.50	5.50		30.9	35.8	SC1215-73	SC1213-101		
3/4/2014	1198T	SC1215-73	30.9	SM1134	0.322	NO COATING INFO	461+18.7		46118.7	8 IN	X56	XR	48.685964	103.611188	2127.30	2122.40	4.90		50.1	6.2	NC0750-103	C30174		
3/4/2014	1199	NC0750-103	50.1	SM1135	0.322		461+68.8		46168.8	8 IN	X56	XR	48.685863	103.611328	2128.80	2123.40	5.40	FBE	49.7	30.9	SC1214-102	SC1215-73		
3/4/2014	1200	SC1214-102	49.7	SM1136	0.322		462+18.5		46218.5	8 IN	X56	XR	48.685763	103.611467	2130.40	2125.00	5.40	FBE	49.6	50.1	SC1209-91	NC0750-103		
3/4/2014	1201	SC1209-91	49.6	SM1137	0.322		462+68.1		46268.1	8 IN	X56	XR	48.685664	103.611608	2132.20	2126.90	5.30	FBE	50.2	49.7	TC1211-105	SC1214-102		
3/4/2014	1202	TC1211-105	50.2	SM1138	0.322		463+18.2		46318.2	8 IN	X56	XR	48.685564	103.611749	2134.10	2128.80	5.30	FBE	50.6	49.6	SC1209-104	SC1209-91		
3/4/2014	1203	SC1209-104	50.6	SM1139	0.322		463+68.8		46368.8	8 IN	X56	XR	48.685463	103.611893	2136.10	2130.70	5.40	FBE	28.3	50.2	SC1215-88	TC1211-105		
3/4/2014	1204	SC1215-88	28.3	SM1140	0.322		463+97.2		46397.2	8 IN	X56	XR	48.685406	103.611972	2137.20	2131.80	5.40	FBE	50.6	50.6	SC1214-106	SC1209-104		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 187	SHEET No. 87 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1205	SC1214-106	50.6	SM1141	0.322		464+47.7		46447.7	8 IN	X56	XR	48.685304	103.612115	2138.20	2133.00	5.20	FBE	50.3	28.3	NC0741-95	SC1215-88		
3/4/2014	1206	NC0741-95	50.3	SM1142	0.322		464+98.0		46498.0	8 IN	X56	XR	48.685203	103.612257	2137.90	2132.80	5.10	FBE	50.4	50.6	SC1214-106	SC1214-106		
3/4/2014	1207	SC1214-106	50.4	SM1143	0.322		465+48.4		46548.4	8 IN	X56	XR	48.685102	103.612399	2136.60	2131.60	5.00	FBE	49.5	50.3	NC0742-96	NC0741-95		
3/4/2014	1208	NC0742-96	49.5	SM1144	0.322		465+97.9		46597.9	8 IN	X56	XR	48.685003	103.612538	2135.50	2130.70	4.80	FBE	50.4	50.4	NC0745-99	SC1214-106		
3/4/2014	1209	NC0745-99	50.4	SM1145	0.322		466+48.3		46648.3	8 IN	X56	XR	48.684903	103.612681	2136.70	2131.50	5.20	FBE	50.2	49.5	NC0745-99	NC0742-96		
3/4/2014	1210	NC0745-99	50.2	SM1146	0.322		466+98.4		46698.4	8 IN	X56	XR	48.684802	103.612823	2138.80	2133.40	5.40	FBE	50.2	50.4	SC1209-97	NC0745-99		
3/4/2014	1211	SC1209-97	50.2	SM1147	0.322	NO COATING INFO	467+48.6		46748.6	8 IN	X56	XR	48.684702	103.612965	2140.80	2135.40	5.40		50.2	50.2	SC1209-97	NC0745-99		
3/4/2014	1212	SC1209-97	50.2	SM1148	0.322	NO COATING INFO	467+98.8		46798.8	8 IN	X56	XR	48.684602	103.613108	2142.50	2136.50	6.00		45.7	50.2	NC0742-96	SC1209-97		
3/4/2014	1213	NC0742-96	45.7	SMT160	0.322	NO COATING INFO	468+44.5	P.I. < 10°03'06" LT.	46844.5	8 IN	X56	XR	48.684509	103.613235	2144.90	2138.80	6.10		6.0	50.2	C30174	SC1209-97		
3/4/2014	F21	C30174	6.0	SMT161	0.322	FACTORY BEND, NO COATING INFO	468+50.5	P.I. < 5°58'31" LT.	46850.5	8 IN	X56	XR	48.684494	103.613242	2144.90	2139.30	5.60		37.2	45.7	SC1209-97	NC0742-96		
3/4/2014	1214	SC1209-97	37.2	SM1149	0.322	NO COATING INFO	468+87.7		46887.7	8 IN	X56	XR	48.684392	103.613238	2144.90	2140.20	4.70		50.3	6.0	SC1209-104	C30174		
3/4/2014	1215	SC1209-104	50.3	SM1150	0.322	NO COATING INFO	469+38.0		46938.0	8 IN	X56	XR	48.684254	103.613236	2144.20	2139.20	5.00		50.3	37.2	TC1211-105	SC1209-97		
3/4/2014	1216	TC1211-105	50.3	SM1151	0.322	NO COATING INFO	469+88.3		46988.3	8 IN	X56	XR	48.684117	103.613235	2144.00	2138.70	5.30		50.0	50.3	SC1213-93	SC1209-104		
3/4/2014	1217	SC1213-93	50.0	SM1152	0.322		470+38.3		47038.3	8 IN	X56	XR	48.683980	103.613233	2144.00	2138.90	5.10	FBE	50.4	50.3	NC0742-96	TC1211-105		
3/4/2014	1218	NC0742-96	50.4	SM1153	0.322		470+88.7		47088.7	8 IN	X56	XR	48.683842	103.613233	2143.50	2138.40	5.10	FBE	50.5	50.0	SC1209-104	SC1213-93		
3/4/2014	1219	SC1209-104	50.5	SM1154	0.322		471+39.2		47139.2	8 IN	X56	XR	48.683703	103.613233	2140.80	2135.90	4.90	FBE	50.2	50.4	SC1207-82	NC0742-96		
3/4/2014	1220	SC1207-82	50.2	SM1155	0.322		471+89.4		47189.4	8 IN	X56	XR	48.683566	103.613235	2136.60	2131.90	4.70	FBE	49.7	50.5	SC1214-79	SC1209-104		
3/4/2014	1221	SC1214-79	49.7	SM1156	0.322		472+39.1		47239.1	8 IN	X56	XR	48.683430	103.613237	2133.00	2127.80	5.20	FBE	50.1	50.2	NC0746-81	SC1207-82		
3/4/2014	1222	NC0746-81	50.1	SM1157	0.322	NO COATING INFO	472+89.1		47289.1	8 IN	X56	XR	48.683293	103.613237	2129.90	2124.80	5.10		49.9	49.7	NC0742-78	SC1214-79		
3/4/2014	1223	NC0742-78	49.9	SM1158	0.322	NO COATING INFO	473+39.1		47339.1	8 IN	X56	XR	48.683157	103.613238	2127.80	2122.20	5.60		50.7	50.1	SC1214-76	NC0746-81		
3/4/2014	1224	SC1214-76	50.7	SM1159	0.322	NO COATING INFO	473+89.8		47389.8	8 IN	X56	XR	48.683018	103.613237	2124.10	2118.90	5.20		50.0	49.9	NC0750-103	NC0742-78		
3/4/2014	1225	NC0750-103	50.0	SM1160	0.322	NO COATING INFO	474+39.8		47439.8	8 IN	X56	XR	48.682882	103.613234	2118.40	2114.00	4.40		50.7	50.7	SC1214-79	SC1214-76		
3/4/2014	1226	SC1214-79	50.7	SM1161	0.322	NO COATING INFO	474+90.5		47490.5	8 IN	X56	XR	48.682743	103.613234	2113.10	2108.40	4.70		50.5	50.0	SC1209-104	NC0750-103		
3/4/2014	1227	SC1209-104	50.5	SM1162	0.322	NO COATING INFO	475+41.1		47541.1	8 IN	X56	XR	48.682606	103.613232	2108.90	2103.90	5.00		49.8	50.7	SC1214-102	SC1214-79		
3/4/2014	1228	SC1214-102	49.8	SM1163	0.322	NO COATING INFO	475+90.9		47590.9	8 IN	X56	XR	48.682469	103.613234	2105.50	2100.30	5.20		50.6	50.5	SC1207-82	SC1209-104		
3/4/2014	1229	SC1207-82	50.6	SM1164	0.322	NO COATING INFO	476+41.4		47641.4	8 IN	X56	XR	48.682331	103.613233	2103.00	2097.70	5.30		50.3	49.8	NC0745-77	SC1214-102		
3/4/2014	1230	NC0745-77	50.3	SM1165	0.322		476+91.7		47691.7	8 IN	X56	XR	48.682193	103.613234	2100.90	2095.30	5.60	FBE	49.6	50.6	NC0745-77	SC1207-82		
3/4/2014	1231	NC0745-77	49.6	SM1166	0.322		477+41.3		47741.3	8 IN	X56	XR	48.682057	103.613233	2098.60	2093.40	5.20	FBE	50.7	50.3	SC1214-76	NC0745-77		
3/4/2014	1232	SC1214-76	50.7	SM1167	0.322		477+92.0		47792.0	8 IN	X56	XR	48.681919	103.613233	2097.60	2092.50	5.10	FBE	50.4	49.6	SC1215-80	NC0745-77		
3/4/2014	1233	SC1215-80	50.4	SM1168	0.322		478+42.4		47842.4	8 IN	X56	XR	48.681780	103.613233	2097.40	2091.90	5.50	FBE	50.3	50.7	SC1207-86	SC1214-76		
3/4/2014	1234	SC1207-86	50.3	SM1169	0.322		478+92.7		47892.7	8 IN	X56	XR	48.681643	103.613230	2098.80	2093.90	4.90	FBE	49.9	50.4	NC0742-78	SC1215-80		
3/4/2014	1235	NC0742-78	49.9	SM1170	0.322		479+42.7		47942.7	8 IN	X56	XR	48.681506	103.613230	2100.60	2095.20	5.40	FBE	50.3	50.3	NC0742-78	SC1207-86		
3/4/2014	1236	NC0742-78	50.3	SM1171	0.322		479+93.0		47993.0	8 IN	X56	XR	48.681368	103.613230	2101.60	2096.10	5.50	FBE	49.7	49.9	SC1215-80	NC0742-78		
3/4/2014	1237	SC1215-80	49.7	SM1172	0.322		480+42.7		48042.7	8 IN	X56	XR	48.681232	103.613228	2103.10	2097.60	5.50	FBE	50.1	50.3	SC1214-79	NC0742-78		
3/4/2014	1238	SC1214-79	50.1	SM1173	0.322		480+92.8		48092.8	8 IN	X56	XR	48.681094	103.613228	2104.60	2099.10	5.50	FBE	50.0	49.7	SC1213-83	SC1215-80		
3/4/2014	1239	SC1213-83	50.0	SM1174	0.322		481+42.8		48142.8	8 IN	X56	XR	48.680958	103.613227	2109.40	2104.30	5.10	FBE	50.3	50.1	SC1213-83	SC1214-79		
3/4/2014	1240	SC1213-83	50.3	SM1175	0.322		481+93.2		48193.2	8 IN	X56	XR	48.680821	103.613226	2116.40	2110.90	5.50	FBE	50.5	50.0	SC1214-79	SC1213-83		
3/4/2014	1241	SC1214-79	50.5	SM1176	0.322		482+43.7		48243.7	8 IN	X56	XR	48.680683	103.613226	2118.70	2113.50	5.20	FBE	50.6	50.3	SC1214-79	SC1213-83		
3/4/2014	1242	SC1214-79	50.6	SM1200	0.322		482+94.2		48294.2	8 IN	X56	XR	48.680545	103.613222	2114.40	2109.90	4.50	FBE	50.1	50.5	SC1207-82	SC1214-79		
3/4/2014	1243	SC1207-82	50.1	SM1177	0.322		483+44.4		48344.4	8 IN	X56	XR	48.680409	103.613222	2107.50	2102.50	5.00	FBE	49.4	50.6	SC1207-84	SC1214-79		
3/4/2014	1244	SC1207-84	49.4	SM1178	0.322		483+93.8		48393.8	8 IN	X56	XR	48.680274	103.613224	2105.20	2100.00	5.20	FBE	50.0	50.1	SC1213-83	SC1207-82		
3/4/2014	1245	SC1213-83	50.0	SM1179	0.322		484+43.7		48443.7	8 IN	X56	XR	48.680137	103.613226	2107.00	2101.80	5.20	FBE	50.6	49.4	SC1214-102	SC1207-84		
3/4/2014	1246	SC1214-102	50.6	SM1180	0.322		484+94.3		48494.3	8 IN	X56	XR	48.680000	103.613229	2112.70	2107.40	5.30	FBE	49.5	50.0	NC0744-100	SC1213-83		
3/4/2014	1247	NC0744-100	49.5	SM1181	0.322		485+43.8		48543.8	8 IN	X56	XR	48.679865	103.613231	2119.70	2114.60	5.10	FBE	50.6	50.6	SC1213-83	SC1214-102		
3/4/2014	1248	SC1213-83	50.6	SM1182	0.322		485+94.5		48594.5	8 IN	X56	XR	48.679727	103.613232	2122.70	2117.30	5.40	FBE	50.6	49.5	SC1207-86	NC0744-100		
3/4/2014	1249	SC1207-86	50.6	SM1183	0.322		486+45.1		48645.1	8 IN	X56	XR	48.679589	103.613230	2119.10	2113.70	5.40	FBE	50.1	50.6	SC1207-86	SC1213-83		
3/4/2014	1250	SC1207-86	50.1	SM1184	0.322		486+95.2		48695.2	8 IN	X56	XR	48.679452	103.613229	2114.00	2108.70	5.30	FBE	49.9	50.6	NC0749-85	SC1207-86		
3/4/2014	1251	NC0749-85	49.9	SM1185	0.322		487+45.1		48745.1	8 IN	X56	XR	48.679315	103.613228	2111.60	2106.30	5.30	FBE	48.5	50.1	TC1211-105	SC1207-86		
3/4/2014	1252	TC1211-105	48.5	SM1186	0.322		487+93.6		48793.6	8 IN	X56	XR	48.679182	103.613227	2112.10	2106.70	5.40	FBE	50.1	49.9	SC1214-76	NC0749-85		
3/4/2014	1253	SC1214-76	50.1	SM1187	0.322		488+43.7		48843.7	8 IN	X56	XR	48.679045	103.613227	2114.40	2108.50	5.90	FBE	49.8	48.5	SC1209-104	TC1211-105		
3/4/2014	1254	SC1209-104	49.8	SM1188	0.322		488+93.5		48893.5	8 IN	X56	XR	48.678908	103.613228	2114.20	2108.80	5.40	FBE	50.5	50.1	SC1214-106	SC1214-76		
3/4/2014	1255	SC1214-106	50.5	SM1189	0.322		489+44.1		48944.1	8 IN	X56	XR	48.678770	103.613226	2114.20	2108.70	5.50	FBE	50.0	49.8	SC1214-106	SC1209-104		
3/4/2014	1256	SC1214-106	50.0	SM1190	0.322		489+94.1		48994.1	8 IN	X56	XR	48.678633	103.613227	2113.60	2108.00	5.60	FBE	50.4	50.5	SC1207-82	SC1214-106		
3/4/2014	1257	SC1207-82	50.4	SM1191	0.322		490+44.4		49044.4	8 IN	X56	XR	48.678495	103.613226	2112.20	2107.20	5.00	FBE	50.1	50.0	SC1214-76	SC1214-106		
3/4/2014	1258	SC1214-76	50.1	SM1192	0.322		490+94.5		49094.5	8 IN	X56	XR	48.678358	103.613225	2111.80	2106.50	5.30	FBE	50.4	50.4	TC1211-105	SC1207-82		
3/4/2014	1259	TC1211-105	50.4	SM1193	0.322		491+44.9		49144.9	8 IN	X56	XR	48.678220	103.613224	2111.40	2106.10	5.30	FBE	50.1	50.1	NC0746-81	SC1214-76		
3/4/2014	1260	NC0746-81	50.1	SM1194	0.322		491+95.0		49195.0	8 IN	X56	XR	48.678082	103.613224	2111.80	2106.20	5.60	FBE	50.2	50.4	SC1214-76	TC1211-105		
3/4/2014	1261	SC1214-76	50.2	SM1195	0.322		492+45.2		49245.2	8 IN	X56	XR	48.677945	103.613225	2112.20	2106.70	5.50	FBE	50.4	50.1	NC0745-77	NC0746-81		
3/4/2014	1262	NC0745-77	50.4	SM1196	0.322		492+95.6		49295.6	8 IN	X56	XR	48.677807	103.613227	2113.20	2107.70	5.50	FBE	50.3	50.2	NC0748-136	SC1214-76		
3/4/2014	1263	NC0748-136	50.3	SM1197	0.322		493+45.8		49345.8	8 IN	X56	XR	48.677669	103.613226	2114.40	2108.80	5.60	FBE	34.7	50.4	SC1209-91	NC0745-77		
3/4/2014	1264	SC1209-91	34.7	SM1198	0.322		493+80.5		49380.5	8 IN	X56	XR	48.677574	103.613225	2115.60	2110.10	5.50	FBE	50.3	50.3	SC1215-88	NC0748-136		
3/4/2014	1265	SC1215-88	50.3	SM1199	0.322		494+30.8		49430.8	8 IN	X56	XR	48.677436	103.613225	2117.30	2112.30	5.00	FBE	50.6	34.7	SC1214-76	SC1209-91		
3/4/2014	1267	SC1214-76	50.6	SMT162	0.322		494+81.4		49481.4	8 IN	X56	XR	48.677297	103.613223	2118.00	2111.90	6.10	FBE	11.0	50.3	SC1209-97	SC1215-88		
3/4/2014	1214A	SC1209-97	11.0	SMT163	0.322		494+92.4	P.I. < 23°50'47" LT.	49492.4	8 IN	X56	XR	48.677267	103.613221	2117.30	2111.70	5.60	FBE	4.8	50.6		SC1214-76		
3/4/2014	F22		4.8	SMT164	0.322	FACTORY BEND, NO HEAT #	494+97.2		49497.2	8 IN	X56	XR	48.677257	103.613210	2117.30	2111.00	6.30	FBE	42.9	11.0	SC1207-84	SC1209-97		
3/4/2014	1268	SC1207-84	42.9	SM1201	0.322		495+40.1		49540.1	8 IN	X56	XR	48.677171	103.613089	2112.80	2108.10	4.70	FBE	49.9	4.8	NC07-87			
3/4/2014	1269	NC07-87	49.9	SM1202	0.322		495+90.1		49590.1	8 IN	X56	XR	48.677070	103.612951	2110.10	2105.40	4.70	FBE	50.1	42.9	SC1215-80	SC1207-84		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 188	SHEET No. 88 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1270	SC1215-80	50.1	SM1203	0.322		496+40.2		49640.2	8 IN	X56	XR	48.676969	103.612810	2107.80	2102.60	5.20	FBE	50.2	49.9	NC0749-85	NC07-87		
3/4/2014	1271	NC0749-85	50.2	SM1204	0.322		496+90.3	P.I. < 2°05'17" RT.	49690.3	8 IN	X56	XR	48.676871	103.612665	2104.40	2099.40	5.00	FBE	49.6	50.1	NC0749-85	SC1215-80		
3/4/2014	1272	NC0749-85	49.6	SM1205	0.322		497+40.0		49740.0	8 IN	X56	XR	48.676772	103.612525	2100.10	2095.00	5.10	FBE	50.4	50.2	SC1214-79	NC0749-85		
3/4/2014	1273	SC1214-79	50.4	SM1206	0.322		497+90.4		49790.4	8 IN	X56	XR	48.676674	103.612378	2097.40	2092.60	4.80	FBE	50.1	49.6	SC1214-76	NC0749-85		
3/4/2014	1274	SC1214-76	50.1	SM1207	0.322		498+40.5		49840.5	8 IN	X56	XR	48.676575	103.612235	2095.70	2090.80	4.90	FBE	50.0	50.4	NC0742-78	SC1214-79		
3/4/2014	1275	NC0742-78	50.0	SM1208	0.322		498+90.5		49890.5	8 IN	X56	XR	48.676477	103.612090	2095.40	2090.20	5.20	FBE	50.3	50.1	NC0746-81	SC1214-76		
3/4/2014	1276	NC0746-81	50.3	SM1209	0.322		499+40.8		49940.8	8 IN	X56	XR	48.676378	103.611945	2093.80	2089.20	4.60	FBE	50.5	50.0	SC1214-79	NC0742-78		
3/4/2014	1277	SC1214-79	50.5	SM1210	0.322		499+91.4		49991.4	8 IN	X56	XR	48.676279	103.611799	2093.30	2088.40	4.90	FBE	50.3	50.3	SC1214-76	NC0746-81		
3/4/2014	1278	SC1214-76	50.3	SM1211	0.322		500+41.7		50041.7	8 IN	X56	XR	48.676180	103.611654	2092.70	2087.90	4.80	FBE	49.9	50.5	NC0746-81	SC1214-79		
3/4/2014	1279	NC0746-81	49.9	SM1212	0.322		500+91.5		50091.5	8 IN	X56	XR	48.676082	103.611511	2092.80	2087.70	5.10	FBE	50.4	50.3	SC1214-79	SC1214-76		
3/4/2014	1280	SC1214-79	50.4	SM1213	0.322		501+41.9		50141.9	8 IN	X56	XR	48.675982	103.611367	2092.30	2087.30	5.00	FBE	50.3	49.9	NC0749-85	NC0746-81		
3/4/2014	1281	NC0749-85	50.3	SM1214	0.322		501+92.2		50192.2	8 IN	X56	XR	48.675883	103.611222	2093.10	2086.40	6.70	FBE	50.0	50.4	SC1214-107	SC1214-79		
3/4/2014	1282	SC1214-107	50.0	SM1215	0.322		502+42.2		50242.2	8 IN	X56	XR	48.675785	103.611078	2092.50	2088.20	4.30	FBE	50.9	50.3	NC0746-81	NC0749-85		
3/4/2014	1283	NC0746-81	50.9	SM1216	0.322		502+93.1		50293.1	8 IN	X56	XR	48.675685	103.610931	2091.50	2086.40	5.10	FBE	49.7	50.0	SC1214-76	SC1214-107		
3/4/2014	1284	SC1214-76	49.7	SM1217	0.322		503+42.7		50342.7	8 IN	X56	XR	48.675585	103.610791	2088.80	2084.20	4.60	FBE	50.3	50.9	NC0746-81	NC0746-81		
3/4/2014	1285	NC0746-81	50.3	SM1218	0.322		503+93.1		50393.1	8 IN	X56	XR	48.675485	103.610648	2087.70	2082.90	4.80	FBE	50.6	49.7	SC1214-79	SC1214-76		
3/4/2014	1286	SC1214-79	50.6	SM1219	0.322		504+43.7		50443.7	8 IN	X56	XR	48.675385	103.610503	2085.30	2080.50	4.80	FBE	50.1	50.3	SC1214-76	NC0746-81		
3/4/2014	1287	SC1214-76	50.1	SM1220	0.322		504+93.8		50493.8	8 IN	X56	XR	48.675288	103.610358	2083.70	2078.30	5.40	FBE	50.3	50.6	SC1215-88	SC1214-79		
3/4/2014	1288	SC1215-88	50.3	SM1221	0.322		505+44.1		50544.1	8 IN	X56	XR	48.675190	103.610211	2083.00	2077.70	5.30	FBE	50.4	50.1	NC0741-92	SC1214-76		
3/4/2014	1289	NC0741-92	50.4	SM1222	0.322		505+94.4		50594.4	8 IN	X56	XR	48.675090	103.610066	2082.60	2077.80	4.80	FBE	45.0	50.3	SC1215-80	SC1215-88		
3/4/2014	1290	SC1215-80	45.0	SM1223	0.322		506+39.4		50639.4	8 IN	X56	XR	48.675000	103.609940	2082.60	2077.50	5.10	FBE	49.2	50.4	SC1207-82	NC0741-92		
3/4/2014	1291	SC1207-82	49.2	SM1224	0.322		506+88.7		50688.7	8 IN	X56	XR	48.674902	103.609799	2082.20	2077.20	5.00	FBE	50.1	45.0	SC1207-82	SC1215-80		
3/4/2014	1292	SC1207-82	50.1	SM1225	0.322		507+38.8		50738.8	8 IN	X56	XR	48.674803	103.609656	2084.10	2077.30	6.80	FBE	50.0	49.2	NC0749-85	SC1207-82		
3/4/2014	1293	NC0749-85	50.0	SM1226	0.322		507+88.8	P.I. < 2°38'15" LT.	50788.8	8 IN	X56	XR	48.674703	103.609514	2083.20	2078.80	4.40	FBE	50.4	50.1	NC0746-87	SC1207-82		
3/4/2014	1294	NC0746-87	50.4	SM1227	0.322		508+39.2		50839.2	8 IN	X56	XR	48.674605	103.609368	2087.50	2083.10	4.40	FBE	50.3	50.0	SC1207-84	NC0749-85		
3/4/2014	1295	SC1207-84	50.3	SM1228	0.322		508+89.6		50889.6	8 IN	X56	XR	48.674506	103.609226	2093.60	2089.20	4.40	FBE	50.8	50.4	SC1207-84	NC0746-87		
3/4/2014	1296	SC1207-84	50.8	SM1229	0.322		509+40.4		50940.4	8 IN	X56	XR	48.674407	103.609080	2099.60	2095.50	4.10	FBE	49.9	50.3	NC0746-87	SC1207-84		
3/4/2014	1297	NC0746-87	49.9	SM1230	0.322		509+90.3		50990.3	8 IN	X56	XR	48.674309	103.608937	2104.60	2100.20	4.40	FBE	50.3	50.8	SC1209-91	SC1207-84		
3/4/2014	1298	SC1209-91	50.3	SM1231	0.322		510+40.6		51040.6	8 IN	X56	XR	48.674211	103.608792	2108.60	2104.60	4.00	FBE	50.5	49.9	SC1214-89	NC0746-87		
3/4/2014	1299	SC1214-89	50.5	SM1232	0.322		510+91.1		51091.1	8 IN	X56	XR	48.674111	103.608648	2112.80	2108.50	4.30	FBE	50.0	50.3	SC1215-88	SC1209-91		
3/4/2014	1300	SC1215-88	50.0	SM1233	0.322		511+41.1		51141.1	8 IN	X56	XR	48.674014	103.608502	2117.40	2111.40	6.00	FBE	50.2	50.5	SC1215-88	SC1214-89		
3/4/2014	1301	SC1215-88	50.2	SM1234	0.322		511+91.2		51191.2	8 IN	X56	XR	48.673916	103.608357	2117.70	2112.10	5.60	FBE	50.2	50.0	TC1211-108	SC1215-88		
3/4/2014	1302	TC1211-108	50.2	SM1235	0.322		512+41.5		51241.5	8 IN	X56	XR	48.673816	103.608215	2118.30	2112.20	6.10	FBE	50.5	50.2	NC0742-19	SC1215-88		
3/4/2014	1303	NC0742-19	50.5	SM1236	0.322		512+91.9		51291.9	8 IN	X56	XR	48.673714	103.608073	2118.30	2113.30	5.00	FBE	50.3	50.2	SC1214-107	TC1211-108		
3/4/2014	1304	SC1214-107	50.3	SM1237	0.322		513+42.3		51342.3	8 IN	X56	XR	48.673614	103.607930	2117.90	2112.80	5.10	FBE	50.1	50.5	TC1211-108	NC0742-19		
3/4/2014	1305	TC1211-108	50.1	SM1238	0.322		513+92.4		51392.4	8 IN	X56	XR	48.673516	103.607785	2117.50	2112.20	5.30	FBE	34.7	50.3	NC0744-58	SC1214-107		
3/4/2014	1306	NC0744-58	34.7	SM1239	0.322		514+27.1		51427.1	8 IN	X56	XR	48.673447	103.607686	2117.20	2112.20	5.00	FBE	34.2	50.1	SC1209-97	TC1211-108		
3/4/2014	1307	SC1209-97	34.2	SM1240	0.322		514+61.3		51461.3	8 IN	X56	XR	48.673379	103.607588	2117.20	2111.50	5.70	FBE	40.9	34.7	TC1211-108	NC0744-58		
3/4/2014	1308	TC1211-108	40.9	SM1241	0.322		515+02.1		51502.1	8 IN	X56	XR	48.673299	103.607470	2115.60	2110.40	5.20	FBE	50.0	34.2	SC1214-89	SC1209-97		
3/4/2014	1309	SC1214-89	50.0	SM1242	0.322		515+52.2		51552.2	8 IN	X56	XR	48.673200	103.607327	2115.10	2109.90	5.20	FBE	50.5	40.9	NC0749-85	TC1211-108		
3/4/2014	1310	NC0749-85	50.5	SM1243	0.322		516+02.7		51602.7	8 IN	X56	XR	48.673102	103.607179	2115.10	2109.60	5.50	FBE	50.2	50.0	SC1207-84	SC1214-89		
3/4/2014	1311	SC1207-84	50.2	SM1244	0.322		516+52.9		51652.9	8 IN	X56	XR	48.673003	103.607035	2113.90	2108.70	5.20	FBE	50.0	50.5	SC1207-84	NC0749-85		
3/4/2014	1312	SC1207-84	50.0	SM1245	0.322		517+02.9		51702.9	8 IN	X56	XR	48.672904	103.606891	2112.70	2107.70	5.00	FBE	50.3	50.2	SC1214-102	SC1207-84		
3/4/2014	1313	SC1214-102	50.3	SM1246	0.322		517+53.3		51753.3	8 IN	X56	XR	48.672805	103.606746	2111.40	2106.50	4.90	FBE	50.3	50.0	SC1214-106	SC1207-84		
3/4/2014	1314	SC1214-106	50.3	SM1247	0.322		518+03.6		51803.6	8 IN	X56	XR	48.672707	103.606600	2109.50	2104.60	4.90	FBE	50.0	50.3	SC1214-106	SC1214-102		
3/4/2014	1315	SC1214-106	50.0	SM1248	0.322		518+53.6		51853.6	8 IN	X56	XR	48.672607	103.606458	2107.50	2102.30	5.20	FBE	50.6	50.3	TC1211-108	SC1214-106		
3/4/2014	1316	TC1211-108	50.6	SM1249	0.322		519+04.1		51904.1	8 IN	X56	XR	48.672508	103.606313	2105.80	2100.40	5.40	FBE	50.3	50.0	NC0742-96	SC1214-106		
3/4/2014	1317	NC0742-96	50.3	SM1250	0.322		519+54.4		51954.4	8 IN	X56	XR	48.672407	103.606171	2104.40	2098.70	5.70	FBE	50.2	50.6	NC0741-50	TC1211-108		
3/4/2014	1318	NC0741-50	50.2	SM1251	0.322		520+04.6		52004.6	8 IN	X56	XR	48.672308	103.606027	2103.00	2097.90	5.10	FBE	49.9	50.3	SC1209-97	NC0742-96		
3/4/2014	1319	SC1209-97	49.9	SM1252	0.322		520+54.5		52054.5	8 IN	X56	XR	48.672209	103.605884	2103.80	2097.80	6.00	FBE	50.6	50.2	SC1213-83	NC0741-50		
3/4/2014	1320	SC1213-83	50.6	SM1253	0.322		521+05.1		52105.1	8 IN	X56	XR	48.672110	103.605737	2105.30	2098.60	6.70	FBE	50.0	49.9	NC0746-137	SC1209-97		
3/4/2014	1321	NC0746-137	50.0	SM1254	0.322		521+55.1		52155.1	8 IN	X56	XR	48.672011	103.605594	2105.30	2099.20	6.10	FBE	49.9	50.6	SC1208-6	SC1213-83		
3/4/2014	1322	SC1208-6	49.9	SM1255	0.322		522+05.0		52205.0	8 IN	X56	XR	48.671913	103.605450	2107.10	2100.90	6.20	FBE	50.1	50.0	SC1207-13	NC0746-137		
3/4/2014	1323	SC1207-13	50.1	SM1256	0.322		522+55.1		52255.1	8 IN	X56	XR	48.671815	103.605306	2109.70	2104.20	5.50	FBE	50.5	49.9	SC1208-7	SC1208-6		
3/4/2014	1324	SC1208-7	50.5	SM1257	0.322		523+05.6		52305.6	8 IN	X56	XR	48.671715	103.605162	2111.70	2106.00	5.70	FBE	49.5	50.1	SC1208-7	SC1207-13		
3/4/2014	1325	SC1208-7	49.5	SM1258	0.322		523+55.1		52355.1	8 IN	X56	XR	48.671617	103.605020	2113.90	2107.60	6.30	FBE	50.4	50.5	NC0747-143	SC1208-7		
3/4/2014	1326	NC0747-143	50.4	SM1259	0.322		524+05.5		52405.5	8 IN	X56	XR	48.671518	103.604874	2114.00	2108.40	5.60	FBE	48.0	49.5	NC0745-2	SC1208-7		
3/4/2014	1327	NC0745-2	48.0	SM1260	0.322		524+53.5		52453.5	8 IN	X56	XR	48.671424	103.604735	2114.00	2108.60	5.40	FBE	50.3	50.4	SC1208-6	NC0747-143		
3/4/2014	1328	SC1208-6	50.3	SM1261	0.322		525+03.8		52503.8	8 IN	X56	XR	48.671325	103.604592	2112.40	2107.00	5.40	FBE	42.0	48.0	NC0744-1	NC0745-2		
3/4/2014	1329	NC0744-1	42.0	SM1262	0.322		525+45.9		52545.9	8 IN	X56	XR	48.671241	103.604472	2109.60	2104.40	5.20	FBE	50.3	50.3	NC0749-146	SC1208-6		
3/4/2014	1330	NC0749-146	50.3	SM1263	0.322		525+96.2		52596.2	8 IN	X56	XR	48.671142	103.604328	2105.70	2100.90	4.80	FBE	44.9	42.0	SC1214-102	NC0744-1		
3/4/2014	1331	SC1214-102	44.9	SM1264	0.322		526+41.1		52641.1	8 IN	X56	XR	48.671055	103.604198	2102.40	2097.50	4.90	FBE	50.2	50.3	SC1209-91	NC0749-146		
3/4/2014	1332	SC1209-91	50.2	SM1265	0.322		526+91.2	P.I. < 2°46'47" LT.	52691.2	8 IN	X56	XR	48.670954	103.604057	2098.50	2093.90	4.60	FBE	50.2	44.9	SC1209-19	SC1214-102		
3/4/2014	1333	SC1209-19	50.2	SM1266	0.322		527+41.5		52741.5	8 IN	X56	XR	48.670858	103.603909	2095.60	2090.30	5.30	FBE	49.8	50.2	SC1207-84	SC1209-91		
3/4/2014	1334	SC1207-84	49.8	SM1267	0.322		527+91.3		52791.3	8 IN	X56	XR	48.670759	103.603768	2092.30	2086.50	5.80	FBE	50.4	50.2	SC1215-90	SC1209-19		
3/4/2014	1335	SC1215-90	50.4	SM1268	0.322		528+41.6		52841.6	8 IN	X56	XR	48.670658	103.603627	2089.60	2083.00	6.60	FBE	49.6	49.8	NC0746-87	SC1207-84		
3/4/2014	1336	NC0746-87	49.6	SM1269	0.322		528+91.3		52891.3	8 IN	X56	XR	48.670559	103.603486	2087.70	2081.60	6.10	FBE	50.6	50.4	SC1207-84	SC1215-90		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 189	SHEET No. 89 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1337	SC1207-84	50.6	SM1270	0.322		529+41.9	P.I. < 4°22'12" LT.	52941.9	8 IN	X56	XR	48.670465	103.603333	2085.40	2080.50	4.90	FBE	50.2	49.6	SC1207-86	NC0746-87		
3/4/2014	1338	SC1207-86	50.2	SM1271	0.322		529+92.1	P.I. < 2°03'12" LT.	52992.1	8 IN	X56	XR	48.670393	103.603157	2082.10	2077.70	4.40	FBE	49.8	50.6	SC1214-79	SC1207-84		
3/4/2014	1340	SC1214-79	49.8	SMT166	0.322		530+41.9		53041.9	8 IN	X56	XR	48.670326	103.602977	2079.90	2074.40	5.50	FBE	49.5	50.2	SC1214-79	SC1207-86		
3/4/2014	1339	SC1214-79	49.5	SMT167	0.322		530+91.4		53091.4	8 IN	X56	XR	48.670261	103.602798	2074.80	2070.70	4.10	FBE	33.5	49.8	D48763	SC1214-79		
3/4/2014	1343BR	D48763	33.5	SMB187		CALCULATED BORE	531+24.9		53124.9		X56	XR	48.670217	103.602682	2073.40	2062.07	11.33	ARO	41.3	49.5	D48763	SC1214-79		NOTE 1
3/4/2014	1344BR	D48763	41.3	SMB188		CALCULATED BORE	531+66.2		53166.2		X56	XR	48.670161	103.602537	2070.50	2054.47	16.03	ARO	41.2	33.5	D48763	D48763		NOTE 1
3/4/2014	1345BR	D48763	41.2	SMB189		CALCULATED BORE	532+07.4		53207.4		X56	XR	48.670105	103.602390	2069.40	2050.29	19.11	ARO	41.2	41.3	D48763	D48763		NOTE 1
3/4/2014	1346BR	D48763	41.2	SMB190		CALCULATED BORE	532+48.6		53248.6		X56	XR	48.670048	103.602243	2069.22	2049.54	19.68	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	1347BR	D48765	41.2	SMB191		CALCULATED BORE	532+89.8		53289.8		X56	XR	48.669992	103.602095	2068.31	2052.23	16.08	ARO	43.1	41.2	D48763	D48763		NOTE 1
3/4/2014	1348BR	D48763	43.1	SMT168	0.322		533+32.9		53332.9	8 IN	X56	XR	48.669933	103.601943	2065.47	2058.70	6.77	ARO	4.5	41.2	C30174	D48765		
3/4/2014	F23	C30174	4.5	SMT169	0.322	FACTORY BEND	533+37.5	P.I. < 17°59'25" RT.	53337.5	8 IN	X56	XR	48.669925	103.601929	2065.47	2058.80	6.67	FBE	47.0	43.1	NC0749-85	D48763		
3/4/2014	1349	NC0749-85	47.0	SM1273	0.322		533+84.5		53384.5	8 IN	X56	XR	48.669799	103.601887	2062.30	2057.10	5.20	FBE	50.3	4.5	SC1207-82	C30174		
3/4/2014	1350	SC1207-82	50.3	SM1275	0.322		534+34.8		53434.8	8 IN	X56	XR	48.669665	103.601840	2060.70	2054.70	6.00	FBE	50.3	47.0	SC1215-80	NC0749-85		
3/4/2014	1351	SC1215-80	50.3	SMT165	0.322		534+85.0	P.I. < 4°02'29" RT.	53485.0	8 IN	X56	XR	48.669530	103.601801	2059.30	2054.70	4.60	FBE	50.1	50.3	SC1207-86	SC1207-82		
3/4/2014	1352	SC1207-86	50.1	SM1272	0.322		535+35.2	P.I. < 3°15'39" RT.	53535.2	8 IN	X56	XR	48.669393	103.601775	2059.80	2055.30	4.50	FBE	50.5	50.3	SC1215-80	SC1215-80		
3/4/2014	1353	SC1215-80	50.5	SM1274	0.322		535+85.7	P.I. < 2°12'31" RT.	53585.7	8 IN	X56	XR	48.669255	103.601762	2060.90	2056.00	4.90	FBE	50.2	50.1	SC1207-82	SC1207-86		
3/4/2014	1354	SC1207-82	50.2	SM1276	0.322		536+35.9		53635.9	8 IN	X56	XR	48.669118	103.601763	2063.10	2057.70	5.40	FBE	50.2	50.5	SC1215-80	SC1215-80		
3/4/2014	1355	SC1215-80	50.2	SM1277	0.322		536+86.1		53686.1	8 IN	X56	XR	48.668980	103.601767	2065.00	2057.90	7.10	FBE	50.0	50.2	SC1215-80	SC1207-82		
3/4/2014	1356	SC1215-80	50.0	SM1278	0.322		537+36.0		53736.0	8 IN	X56	XR	48.668843	103.601768	2064.80	2058.80	6.00	FBE	50.5	50.2	SC1215-88	SC1215-80		
3/4/2014	1357	SC1215-88	50.5	SM1279	0.322		537+86.6		53786.6	8 IN	X56	XR	48.668705	103.601768	2064.20	2059.20	5.00	FBE	50.1	50.0	SC1215-88	SC1215-80		
3/4/2014	1358	SC1215-88	50.1	SM1280	0.322		538+36.6		53836.6	8 IN	X56	XR	48.668567	103.601768	2064.10	2059.10	5.00	FBE	50.2	50.5	NC0746-87	SC1215-88		
3/4/2014	1359	NC0746-87	50.2	SM1281	0.322		538+86.8		53886.8	8 IN	X56	XR	48.668430	103.601765	2064.70	2058.50	6.20	FBE	50.0	50.1	SC1207-82	SC1215-88		
3/4/2014	1360	SC1207-82	50.0	SM1282	0.322		539+36.8		53936.8	8 IN	X56	XR	48.668293	103.601762	2065.00	2059.50	5.50	FBE	50.3	50.2	SC1207-82	NC0746-87		
3/4/2014	1361	SC1207-82	50.3	SM1283	0.322		539+87.1		53987.1	8 IN	X56	XR	48.668155	103.601758	2066.50	2061.00	5.50	FBE	50.2	50.0	SC1207-86	SC1207-82		
3/4/2014	1362	SC1207-86	50.2	SM1284	0.322		540+37.4		54037.4	8 IN	X56	XR	48.668018	103.601757	2067.50	2062.70	4.80	FBE	50.3	50.3	NC0748-134	SC1207-82		
3/4/2014	1363	NC0748-134	50.3	SM1285	0.322		540+87.6		54087.6	8 IN	X56	XR	48.667880	103.601758	2068.90	2064.40	4.50	FBE	50.2	50.2	SC1214-148	SC1207-86		
3/4/2014	1364	SC1214-148	50.2	SM1286	0.322		541+37.9		54137.9	8 IN	X56	XR	48.667742	103.601756	2070.00	2064.90	5.10	FBE	50.4	50.3	SC1214-148	NC0748-134		
3/4/2014	1365	SC1214-148	50.4	SM1287	0.322		541+88.3		54188.3	8 IN	X56	XR	48.667604	103.601758	2069.70	2064.60	5.10	FBE	50.1	50.2	NC0745-151	SC1214-148		
3/4/2014	1366	NC0745-151	50.1	SM1288	0.322		542+38.4		54238.4	8 IN	X56	XR	48.667467	103.601755	2068.30	2063.50	4.80	FBE	49.9	50.4	NC0747-139	SC1214-148		
3/4/2014	1367	NC0747-139	49.9	SM1289	0.322		542+88.3		54288.3	8 IN	X56	XR	48.667330	103.601754	2066.90	2062.50	4.40	FBE	50.1	50.1	NC0744-145	NC0745-151		
3/4/2014	1368	NC0744-145	50.1	SM1290	0.322		543+38.4		54338.4	8 IN	X56	XR	48.667193	103.601751	2065.10	2060.40	4.70	FBE	50.5	49.9	SC1214-148	NC0747-139		
3/4/2014	1369	SC1214-148	50.5	SM1291	0.322		543+88.9		54388.9	8 IN	X56	XR	48.667054	103.601754	2063.50	2058.50	5.00	FBE	50.3	50.1	SC1207-86	NC0744-145		
3/4/2014	1370	SC1207-86	50.3	SM1292	0.322		544+39.2		54439.2	8 IN	X56	XR	48.666917	103.601754	2061.80	2057.10	4.70	FBE	50.1	50.5	SC1215-80	SC1214-148		
3/4/2014	1371	SC1215-80	50.1	SM1293	0.322		544+89.3		54489.3	8 IN	X56	XR	48.666779	103.601754	2059.90	2054.70	5.20	FBE	50.2	50.3	NC0748-142	SC1207-86		
3/4/2014	1372	NC0748-142	50.2	SM1294	0.322		545+39.6		54539.6	8 IN	X56	XR	48.666642	103.601755	2058.50	2053.60	4.90	FBE	50.2	50.1	SC1212-11	SC1215-80		
3/4/2014	1373	SC1212-11	50.2	SM1295	0.322		545+89.8		54589.8	8 IN	X56	XR	48.666504	103.601753	2058.20	2053.60	4.60	FBE	50.3	50.2	SC1208-8	NC0748-142		
3/4/2014	1374	SC1208-8	50.3	SM1296	0.322		546+40.1		54640.1	8 IN	X56	XR	48.666366	103.601751	2057.60	2053.20	4.40	FBE	50.3	50.2	SC1207-4	SC1212-11		
3/4/2014	1375	SC1207-4	50.3	SM1297	0.322		546+90.4		54690.4	8 IN	X56	XR	48.666228	103.601750	2056.90	2052.30	4.60	FBE	49.3	50.3	NC0748-142	SC1208-8		
3/4/2014	1376	NC0748-142	49.3	SM1298	0.322		547+39.7		54739.7	8 IN	X56	XR	48.666093	103.601750	2055.70	2051.40	4.30	FBE	50.2	50.3	NC0748-142	SC1207-4		
3/4/2014	1377	NC0748-142	50.2	SM1299	0.322		547+89.8		54789.8	8 IN	X56	XR	48.665956	103.601749	2054.50	2049.80	4.70	FBE	50.6	49.3	NC0745-151	NC0748-142		
3/4/2014	1378	NC0745-151	50.6	SM1300	0.322		548+40.4		54840.4	8 IN	X56	XR	48.665817	103.601748	2053.80	2048.40	5.40	FBE	50.0	50.2	NC0746-87	NC0748-142		
3/4/2014	1379	NC0746-87	50.0	SM1301	0.322		548+90.4		54890.4	8 IN	X56	XR	48.665680	103.601747	2052.90	2047.90	5.00	FBE	50.3	50.6	NC0743-10	NC0745-151		
3/4/2014	1380	NC0743-10	50.3	SM1302	0.322		549+40.7		54940.7	8 IN	X56	XR	48.665542	103.601745	2051.80	2046.40	5.40	FBE	49.5	50.0	NC0747-143	NC0746-87		
3/4/2014	1381	NC0747-143	49.5	SM1303	0.322		549+90.3		54990.3	8 IN	X56	XR	48.665407	103.601744	2050.60	2045.20	5.40	FBE	49.5	50.3	NC0746-9	NC0743-10		
3/4/2014	1382	NC0746-9	49.5	SM1304	0.322		550+39.8		55039.8	8 IN	X56	XR	48.665271	103.601742	2049.30	2043.80	5.50	FBE	50.3	49.5	NC0746-18	NC0747-143		
3/4/2014	1383	NC0746-18	50.3	SM1305	0.322		550+90.1		55090.1	8 IN	X56	XR	48.665133	103.601742	2048.50	2043.30	5.20	FBE	50.4	49.5	NC0747-143	NC0746-9		
3/4/2014	1384	NC0747-143	50.4	SM1306	0.322		551+40.5		55140.5	8 IN	X56	XR	48.664995	103.601742	2048.40	2043.20	5.20	FBE	50.2	50.3	NC0747-143	NC0746-18		
3/4/2014	1385	NC0747-143	50.2	SM1307	0.322		551+90.8		55190.8	8 IN	X56	XR	48.664857	103.601739	2048.30	2043.00	5.30	FBE	50.2	50.4	NC0747-143	NC0747-143		
3/4/2014	1386	NC0747-143	50.2	SM1308	0.322		552+41.0		55241.0	8 IN	X56	XR	48.664719	103.601740	2048.00	2043.00	5.00	FBE	50.5	50.2	NC0747-143	NC0747-143		
3/4/2014	1387	NC0747-143	50.5	SM1309	0.322		552+91.5		55291.5	8 IN	X56	XR	48.664581	103.601740	2048.00	2042.30	5.70	FBE	49.8	50.2	SC1207-13	NC0747-143		
3/4/2014	1388	SC1207-13	49.8	SM1310	0.322		553+41.3		55341.3	8 IN	X56	XR	48.664445	103.601740	2047.40	2041.80	5.60	FBE	50.2	50.5	NC0744-145	NC0747-143		
3/4/2014	1389	NC0744-145	50.2	SM1311	0.322		553+91.4		55391.4	8 IN	X56	XR	48.664307	103.601738	2049.40	2043.80	5.60	FBE	50.1	49.8	NC0744-145	SC1207-13		
3/4/2014	1390	NC0744-145	50.1	SM1312	0.322		554+41.6		55441.6	8 IN	X56	XR	48.664170	103.601740	2053.20	2047.30	5.90	FBE	50.2	50.2	NC0749-150	NC0744-145		
3/4/2014	1391	NC0749-150	50.2	SM1313	0.322		554+91.7		55491.7	8 IN	X56	XR	48.664033	103.601739	2057.40	2051.80	5.60	FBE	50.3	50.1	NC0749-138	NC0744-145		
3/4/2014	1392	NC0749-138	50.3	SM1314	0.322		555+42.0		55542.0	8 IN	X56	XR	48.663897	103.601737	2062.70	2058.30	4.40	FBE	49.9	50.2	NC0749-138	NC0749-150		
3/4/2014	1393	NC0749-138	49.9	SMT171	0.322		555+91.9		55591.9	8 IN	X56	XR	48.663761	103.601733	2068.00	2063.70	4.30	FBE	50.4	50.3	NC0749-138	NC0749-138		
3/4/2014	1394	NC0749-138	50.4	SM1315	0.322		556+42.3		55642.3	8 IN	X56	XR	48.663623	103.601726	2073.00	2069.00	4.00	FBE	50.5	49.9	NC0746-137	NC0749-138		
3/4/2014	1395	NC0746-137	50.5	SMT172	0.322		556+92.8		55692.8	8 IN	X56	XR	48.663486	103.601722	2078.30	2074.30	4.00	FBE	50.1	50.4	SC1207-13	NC0749-138		
3/4/2014	1396	SC1207-13	50.1	SM1316	0.322		557+42.9		55742.9	8 IN	X56	XR	48.663349	103.601720	2082.10	2077.30	4.80	FBE	21.5	50.5	NC0748-140	NC0746-137		
3/4/2014	1397	NC0748-140	21.5	SMF21	0.322		557+64.4		55764.4	8 IN	X56	XR	48.663290	103.601719	2082.10	2077.70	4.40	FBE	6.0	50.1	SB60867	SC1207-13		
3/4/2014	V2-6	SB60867	6.0	SMF9	0.322		557+70.5		55770.5	8 IN	X56	XR	48.663273	103.601720	2082.10	2077.80	4.30	FBE	6.2	21.5	C26266	NC0748-140		
3/4/2014	V2-F3	C26266	6.2	SMF10	0.322	VALVE	557+76.7	P.I. < 6°05'34" RT.	55776.7	8 IN	X56	XR	48.663258	103.601719	2082.37	2080.20	2.17	FBE	2.7	6.0	SB60867	SB60867		
3/4/2014	V2-5	SB60867	2.7	SMF11	0.322	VALVE	557+79.3	P.I. < 6°17'20" LT.	55779.3	8 IN	X56	XR	48.663253	103.601720	2081.90	2082.20	-0.30	FBE	6.7	6.2	C26266	C26266		
3/4/2014	V2-F4	C26266	6.7	SMF78	0.322	VALVE	557+86.0	P.I. < 3°04'18" LT.	55786.0	8 IN	X56	XR	48.663237	103.601720	2081.90	2084.70	-2.80	ARO	2.2	2.7	37627	SB60867		
3/4/2014	V3-4	37627	2.2	SMF79	0.322	VALVE	557+88.2		55788.2	8 IN	X56	XR	48.663231	103.601719	2081.90	2084.60	-2.70	BARE STEEL	3.1	6.7	FLANGE	C26266		
3/4/2014	FLANGE	FLANGE	3.1	SMF65	0.322	VALVE	557+91.3	P.I. < 2°31'45" RT.	55791.3	8 IN	X56	XR	48.663223	103.601719	2081.90	2084.60	-2.70	BARE STEEL	1.2	2.2	13104	37627		
3/4/2014	V3-T1	13104	1.2	SMF63	0.322	VALVE	557+92.5		55792.5	8 IN	X56	XR	48.663220	103.601719	2081.90	2084.60	-2.70	BARE STEEL	1.9	3.1	37627	FLANGE		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY:
PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 190	SHEET No. 90 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	V3-3	37627	1.9	SMF80	0.322	VALVE	557+94.4		55794.4	8 IN	X56	XR	48.663214	103.601718	2081.90	2084.50	-2.60	BARE STEEL	6.9	1.2	CO2251	13104		
3/4/2014	V2-F2	CO2251	6.9	SMF18	0.322	VALVE	558+01.3	P.I. < 9°49'49" LT.	55801.3	8 IN	X56	XR	48.663198	103.601718	2081.90	2082.00	-0.10	FBE	8.6	1.9	SB60873	37627		
3/4/2014	V2-2	SB60873	8.6	SMF19	0.322		558+09.9	P.I. < 13°00'59" RT.	55809.9	8 IN	X56	XR	48.663184	103.601713	2080.50	2075.10	5.40	FBE	6.9	6.9	C26266	CO2251		
3/4/2014	V2-F1	C26266	6.9	SMF20	0.322		558+16.8	P.I. < 14°07'40" LT.	55816.8	8 IN	X56	XR	48.663168	103.601717	2080.50	2074.00	6.50	FBE	6.0	8.6	SB60873	SB60873		
3/4/2014	V2-1	SB60873	6.0	SMF22	0.322		558+22.8		55822.8	8 IN	X56	XR	48.663151	103.601717	2079.60	2073.90	5.70	FBE	48.7	6.9	SC1214-79	C26266		
3/4/2014	1266	SC1214-79	48.7	SMT175	0.322		558+71.5		55871.5	8 IN	X56	XR	48.663018	103.601717	2077.60	2072.50	5.10	FBE	39.1	6.0	D48763	SB60873		
3/4/2014	1400BR	D48763	39.1	SMB204		CALCULATED BORE	559+10.6		55910.6		X56	XR	48.662913	103.601719	2073.17	2065.10	8.07	ARO	41.2	48.7	D48763	SC1214-79		NOTE 1
3/4/2014	1401BR	D48763	41.2	SMB205		CALCULATED BORE	559+51.8		55951.8		X56	XR	48.662800	103.601721	2074.86	2060.40	14.46	ARO	41.2	39.1	D48763	D48763		NOTE 1
3/4/2014	1402BR	D48763	41.2	SMB206		CALCULATED BORE	559+93.0		55993.0		X56	XR	48.662688	103.601723	2073.56	2058.91	14.65	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	1403BR	D48763	41.2	SMB207		CALCULATED BORE	560+34.2		56034.2		X56	XR	48.662575	103.601726	2073.88	2060.62	13.26	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	1404BR	D48763	41.2	SMB208		CALCULATED BORE	560+75.4		56075.4		X56	XR	48.662463	103.601728	2071.70	2065.54	6.16	ARO	8.8	41.2	D48765	D48763		NOTE 1
3/4/2014	1405BR	D48765	8.8	SMT176	0.322		560+84.1		56084.1	8 IN	X56	XR	48.662439	103.601729	2071.70	2067.00	4.70	ARO	81.9	41.2	NC0749-146	D48763		
3/4/2014	1407	NC0749-146	81.9	SM1317	0.322		561+66.1		56166.1	8 IN	X56	XR	48.662214	103.601724	2071.70	2066.00	5.70	FBE	49.9	8.8	NC0745-151	D48765		
3/4/2014	1408	NC0745-151	49.9	SM1318	0.322		562+16.0		56216.0	8 IN	X56	XR	48.662078	103.601720	2070.80	2064.70	6.10	FBE	49.6	81.9	SC1214-148	NC0749-146		
3/4/2014	1409	SC1214-148	49.6	SM1319	0.322		562+65.6		56265.6	8 IN	X56	XR	48.661942	103.601720	2069.30	2063.50	5.80	FBE	50.3	49.9	NC0746-137	NC0745-151		
3/4/2014	1410	NC0746-137	50.3	SM1320	0.322		563+15.8	P.I. < 2°13'52" LT.	56315.8	8 IN	X56	XR	48.661804	103.601725	2067.40	2062.30	5.10	FBE	49.2	49.6	TC1211-153	SC1214-148		
3/4/2014	1411	TC1211-153	49.2	SM1321	0.322		563+65.1		56365.1	8 IN	X56	XR	48.661669	103.601726	2068.30	2062.10	6.20	FBE	50.3	50.3	NC0749-146	NC0746-137		
3/4/2014	1412	NC0749-146	50.3	SM1322	0.322		564+15.4		56415.4	8 IN	X56	XR	48.661531	103.601729	2068.60	2062.70	5.90	FBE	50.3	49.2	NC0746-137	TC1211-153		
3/4/2014	1413	NC0746-137	50.3	SM1323	0.322		564+65.8		56465.8	8 IN	X56	XR	48.661393	103.601730	2069.80	2063.20	6.60	FBE	49.5	50.3	NC0746-137	NC0749-146		
3/4/2014	1414	NC0746-137	49.5	SM1324	0.322		565+15.3		56515.3	8 IN	X56	XR	48.661258	103.601729	2070.70	2064.30	6.40	FBE	50.8	50.3	NC0747-141	NC0746-137		
3/4/2014	1415	NC0747-141	50.8	SM1325	0.322		565+66.0		56566.0	8 IN	X56	XR	48.661118	103.601728	2070.70	2065.20	5.50	FBE	50.2	49.5	NC0749-150	NC0746-137		
3/4/2014	1416	NC0749-150	50.2	SM1326	0.322		566+16.3		56616.3	8 IN	X56	XR	48.660981	103.601728	2069.90	2064.30	5.60	FBE	50.4	50.8	NC0747-139	NC0747-141		
3/4/2014	1417	NC0747-139	50.4	SM1327	0.322		566+66.6		56666.6	8 IN	X56	XR	48.660843	103.601725	2068.50	2063.20	5.30	FBE	50.6	50.2	SC1207-14	NC0749-150		
3/4/2014	1418	SC1207-14	50.6	SM1328	0.322		567+17.3		56717.3	8 IN	X56	XR	48.660704	103.601726	2066.70	2061.30	5.40	FBE	49.9	50.4	SC1208-7	NC0747-139		
3/4/2014	1419	SC1208-7	49.9	SM1329	0.322		567+67.1		56767.1	8 IN	X56	XR	48.660568	103.601726	2063.30	2057.80	5.50	FBE	50.2	50.6	NC0748-144	SC1207-14		
3/4/2014	1420	NC0748-144	50.2	SM1330	0.322		568+17.3		56817.3	8 IN	X56	XR	48.660430	103.601725	2060.50	2055.20	5.30	FBE	50.2	49.9	NC0736-137	SC1208-7		
3/4/2014	1421	NC0736-137	50.2	SM1331	0.322		568+67.5		56867.5	8 IN	X56	XR	48.660293	103.601725	2058.90	2053.50	5.40	FBE	50.4	50.2	SC1214-148	NC0748-144		
3/4/2014	1422	SC1214-148	50.4	SM1332	0.322		569+18.0		56918.0	8 IN	X56	XR	48.660155	103.601720	2058.00	2052.70	5.30	FBE	50.2	50.2	NC0749-138	NC0736-137		
3/4/2014	1423	NC0749-138	50.2	SM1333	0.322		569+68.1		56968.1	8 IN	X56	XR	48.660017	103.601719	2058.00	2052.60	5.40	FBE	44.8	50.4	NC0748-42	SC1214-148		
3/4/2014	1424	NC0748-42	44.8	SM1334	0.322		570+12.9		57012.9	8 IN	X56	XR	48.659894	103.601717	2057.80	2052.60	5.20	FBE	49.6	50.2	SC1214-147	NC0749-138		
3/4/2014	1425	SC1214-147	49.6	SM1335	0.322		570+62.5		57062.5	8 IN	X56	XR	48.659758	103.601716	2058.30	2052.50	5.80	FBE	49.9	44.8	NC0748-140	NC0748-42		
3/4/2014	1426	NC0748-140	49.9	SM1336	0.322		571+12.4	P.I. < 2°43'22" LT.	57112.4	8 IN	X56	XR	48.659622	103.601721	2058.70	2053.10	5.60	FBE	50.3	49.6	NC0748-140	SC1214-147		
3/4/2014	1427	NC0748-140	50.3	SM1337	0.322		571+62.8		57162.8	8 IN	X56	XR	48.659484	103.601716	2060.00	2053.30	6.70	FBE	50.5	49.9	NC0749-150	NC0748-140		
3/4/2014	1428	NC0749-150	50.5	SM1338	0.322		572+13.2		57213.2	8 IN	X56	XR	48.659345	103.601716	2060.30	2053.80	6.50	FBE	49.7	50.3	NC0748-140	NC0748-140		
3/4/2014	1429	NC0748-140	49.7	SM1339	0.322		572+62.9		57262.9	8 IN	X56	XR	48.659209	103.601716	2061.70	2055.10	6.60	FBE	50.4	50.5	NC0745-151	NC0749-150		
3/4/2014	1430	NC0745-151	50.4	SM1340	0.322		573+13.3		57313.3	8 IN	X56	XR	48.659071	103.601716	2062.50	2056.20	6.30	FBE	50.4	49.7	NC0745-151	NC0748-140		
3/4/2014	1431	NC0745-151	50.4	SM1341	0.322		573+63.8		57363.8	8 IN	X56	XR	48.658933	103.601713	2062.50	2056.90	5.60	FBE	50.4	50.4	NC0748-140	NC0745-151		
3/4/2014	1432	NC0748-140	50.4	SM1342	0.322		574+14.2		57414.2	8 IN	X56	XR	48.658795	103.601713	2061.40	2055.70	5.70	FBE	50.3	50.4	SC1214-147	NC0745-151		
3/4/2014	1433	SC1214-147	50.3	SM1343	0.322		574+64.5	P.I. < 2°04'09" LT.	57464.5	8 IN	X56	XR	48.658657	103.601716	2060.20	2055.10	5.10	FBE	50.4	50.4	NC0748-142	NC0748-140		
3/4/2014	1434	NC0748-142	50.4	SM1344	0.322		575+14.9		57514.9	8 IN	X56	XR	48.658519	103.601713	2059.30	2054.80	4.50	FBE	50.1	50.3	TC1211-153	SC1214-147		
3/4/2014	1435	TC1211-153	50.1	SM1345	0.322		575+65.0		57565.0	8 IN	X56	XR	48.658381	103.601715	2059.20	2053.80	5.40	FBE	49.4	50.4	NC0748-144	NC0748-142		
3/4/2014	1436	NC0748-144	49.4	SM1346	0.322		576+14.5		57614.5	8 IN	X56	XR	48.658246	103.601714	2057.90	2053.00	4.90	FBE	50.3	50.1	TC1211-153	TC1211-153		
3/4/2014	1437	TC1211-153	50.3	SM1347	0.322		576+64.8		57664.8	8 IN	X56	XR	48.658108	103.601712	2057.00	2052.00	5.00	FBE	50.3	49.4	SC1207-13	NC0748-144		
3/4/2014	1438	SC1207-13	50.3	SM1348	0.322		577+15.1		57715.1	8 IN	X56	XR	48.657970	103.601710	2055.10	2049.80	5.30	FBE	50.4	50.3	NC0749-146	TC1211-153		
3/4/2014	1439	NC0749-146	50.4	SM1349	0.322		577+65.5		57765.5	8 IN	X56	XR	48.657832	103.601708	2052.10	2046.10	6.00	FBE	50.0	50.3	NC0744-145	SC1207-13		
3/4/2014	1440	NC0744-145	50.0	SM1350	0.322		578+15.6		57815.6	8 IN	X56	XR	48.657695	103.601705	2049.60	2043.30	6.30	FBE	50.0	50.4	NC0749-146	NC0749-146		
3/4/2014	1441	NC0749-146	50.0	SM1351	0.322		578+65.6	P.I. < 2°09'22" LT.	57865.6	8 IN	X56	XR	48.657559	103.601708	2047.60	2041.20	6.40	FBE	49.5	50.0	NC0746-9	NC0744-145		
3/4/2014	1442	NC0746-9	49.5	SM1352	0.322		579+15.0		57915.0	8 IN	X56	XR	48.657423	103.601707	2045.80	2039.50	6.30	FBE	50.4	50.0	NC0748-142	NC0749-146		
3/4/2014	1443	NC0748-142	50.4	SM1353	0.322		579+65.4		57965.4	8 IN	X56	XR	48.657285	103.601706	2043.00	2038.00	5.00	FBE	50.3	49.5	NC0747-143	NC0746-9		
3/4/2014	1444	NC0747-143	50.3	SM1354	0.322		580+15.7		58015.7	8 IN	X56	XR	48.657147	103.601704	2042.00	2036.60	5.40	FBE	50.1	50.4	NC0747-143	NC0748-142		
3/4/2014	1445	NC0747-143	50.1	SM1355	0.322		580+65.7		58065.7	8 IN	X56	XR	48.657010	103.601704	2041.70	2035.70	6.00	FBE	50.1	50.3	NC0749-150	NC0747-143		
3/4/2014	1446	NC0749-150	50.1	SM1356	0.322		581+15.8		58115.8	8 IN	X56	XR	48.656873	103.601703	2040.80	2035.40	5.40	FBE	50.5	50.1	NC0743-10	NC0747-143		
3/4/2014	1447	NC0743-10	50.5	SM1357	0.322		581+66.4		58166.4	8 IN	X56	XR	48.656734	103.601702	2040.30	2034.80	5.50	FBE	50.1	50.1	SC1208-15	NC0749-150		
3/4/2014	1448	SC1208-15	50.1	SM1358	0.322		582+16.4		58216.4	8 IN	X56	XR	48.656597	103.601700	2040.30	2034.10	6.20	FBE	47.7	50.5	SC1208-6	NC0743-10		
3/4/2014	1449	SC1208-6	47.7	SM1359	0.322		582+64.1		58264.1	8 IN	X56	XR	48.656466	103.601698	2038.60	2033.50	5.10	FBE	49.7	50.1	SC1208-6	SC1208-15		
3/4/2014	1450	SC1208-6	49.7	SM1360	0.322		583+13.8		58313.8	8 IN	X56	XR	48.656330	103.601699	2037.80	2032.60	5.20	FBE	50.0	47.7	SC1207-5	SC1208-6		
3/4/2014	1451	SC1207-5	50.0	SM1361	0.322		583+63.8		58363.8	8 IN	X56	XR	48.656193	103.601697	2036.60	2031.50	5.10	FBE	50.4	49.7	SC1207-13	SC1208-6		
3/4/2014	1452	SC1207-13	50.4	SM1362	0.322		584+14.2		58414.2	8 IN	X56	XR	48.656055	103.601696	2036.00	2030.40	5.60	FBE	50.2	50.0	SC1207-5	SC1207-5		
3/4/2014	1453	SC1207-5	50.2	SM1363	0.322		584+64.4		58464.4	8 IN	X56	XR	48.655918	103.601695	2035.70	2029.60	6.10	FBE	49.9	50.4	SC1208-3	SC1207-13		
3/4/2014	1454	SC1208-3	49.9	SM1364	0.322		585+14.3		58514.3	8 IN	X56	XR	48.655781	103.601694	2035.70	2029.60	6.10	FBE	50.2	50.2	SC1208-3	SC1207-5		
3/4/2014	1455	SC1208-3	50.2	SM1365	0.322		585+64.4		58564.4	8 IN	X56	XR	48.655643	103.601692	2035.50	2029.50	6.00	FBE	50.4	49.9	SC1207-5	SC1208-3		
3/4/2014	1456	SC1207-5	50.4	SM1366	0.322		586+14.9		58614.9	8 IN	X56	XR	48.655505	103.601693	2034.80	2029.40	5.40	FBE	50.3	50.2	NC0744-152	SC1208-3		
3/4/2014	1457	NC0744-152	50.3	SM1367	0.322		586+65.2		58665.2	8 IN	X56	XR	48.655367	103.601690	2034.30	2029.00	5.30	FBE	50.1	50.4	SC1208-25	SC1207-5		
3/4/2014	1458	SC1208-25	50.1	SM1368	0.322		587+15.2		58715.2	8 IN	X56	XR	48.655230	103.601686	2034.50	2029.10	5.40	FBE	50.0	50.3	NC0745-2	NC0744-152		
3/4/2014	1459	NC0745-2	50.0	SM1369	0.322		587+65.2		58765.2	8 IN	X56	XR	48.655093	103.601685	2035.00	2029.80	5.20	FBE	50.4	50.1	NC0743-30	SC1208-25		
3/4/2014	1460	NC0743-30	50.4	SM1370	0.322		588+15.6		58815.6	8 IN	X56	XR	48.654955	103.601685	2035.20	2030.20	5.00	FBE	50.1	50.0	SC1214-62	NC0745-2		
3/4/2014	1461	SC1214-62	50.1	SM1371	0.322		588+65.7		58865.7	8 IN	X56	XR	48.654818	103.601685	2035.20	2028.90	6.30	FBE	33.8	50.4	SC1209-49	NC0743-30		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 191	SHEET No. 91 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1462	SC1209-49	33.8	SM1372	0.322		588+99.5		58899.5	8 IN	X56	XR	48.654725	103.601687	2035.20	2029.00	6.20	FBE	49.9	50.1	SC1209-31	SC1214-62		
3/4/2014	1463	SC1209-31	49.9	SM1373	0.322		589+49.4		58949.4	8 IN	X56	XR	48.654588	103.601686	2034.60	2029.60	5.00	FBE	50.6	33.8	NC0744-152	SC1209-49		
3/4/2014	1464	NC0744-152	50.6	SM1374	0.322		589+99.9		58999.9	8 IN	X56	XR	48.654450	103.601683	2034.50	2030.10	4.40	FBE	50.0	49.9	NC0746-137	SC1209-31		
3/4/2014	1465	NC0746-137	50.0	SM1375	0.322		590+49.9		59049.9	8 IN	X56	XR	48.654313	103.601684	2034.60	2029.40	5.20	FBE	50.4	50.6	NC0749-146	NC0744-152		
3/4/2014	1466	NC0749-146	50.4	SM1376	0.322		591+00.3		59100.3	8 IN	X56	XR	48.654175	103.601689	2034.10	2029.00	5.10	FBE	50.1	50.0	NC0747-141	NC0746-137		
3/4/2014	1467	NC0747-141	50.1	SM1377	0.322		591+50.5		59150.5	8 IN	X56	XR	48.654037	103.601691	2033.40	2028.80	4.60	FBE	49.8	50.4	NC0747-152	NC0749-146		
3/4/2014	1468	NC0747-152	49.8	SM1378	0.322		592+00.2		59200.2	8 IN	X56	XR	48.653901	103.601694	2033.00	2027.80	5.20	FBE	29.8	50.1	SC1208-8	NC0747-141		
3/4/2014	1471	SC1208-8	29.8	SMT177	0.322		592+30.1	P.I. < 92°09'09" LT.	59230.1	8 IN	X56	XR	48.653819	103.601693	2033.60	2028.10	5.50	FBE	4.8	49.8	C30174	NC0747-152		
3/4/2014	F24	C30174	4.8	SMT178	0.322	FACTORY BEND	592+34.8	P.I. < 17°29'58" LT.	59234.8	8 IN	X56	XR	48.653807	103.601688	2033.60	2028.00	5.60	FBE	50.6	29.8	NC0747-141	SC1208-8		
3/4/2014	1470	NC0747-141	50.6	SMT179	0.322		592+85.4		59285.4	8 IN	X56	XR	48.653708	103.601542	2033.00	2027.90	5.10	FBE	21.6	4.8	NC0745-151	C30174		
3/4/2014	1469	NC0745-151	21.6	SMT180	0.322		593+07.0	P.I. < 4°57'41" LT.	59307.0	8 IN	X56	XR	48.653666	103.601479	2033.48	2029.10	4.38	FBE	5.8	50.6	C30174	NC0747-141		
3/4/2014	F25	C30174	5.8	SMT181	0.322		593+12.8		59312.8	8 IN	X56	XR	48.653653	103.601476	2033.60	2029.40	4.20	FBE	50.5	21.6	NC0745-151	NC0745-151		
3/4/2014	1472	NC0745-151	50.5	SM1379	0.322		593+63.3		59363.3	8 IN	X56	XR	48.653515	103.601473	2032.80	2028.60	4.20	FBE	50.2	5.8	NC0745-131	C30174		
3/4/2014	1473	NC0745-131	50.2	SM1380	0.322		594+13.5		59413.5	8 IN	X56	XR	48.653377	103.601474	2033.20	2028.50	4.70	FBE	49.6	50.5	NC0749-146	NC0745-151		
3/4/2014	1474	NC0749-146	49.6	SM1381	0.322		594+63.1		59463.1	8 IN	X56	XR	48.653241	103.601474	2033.50	2027.90	5.60	FBE	51.1	50.2	NC0747-139	NC0745-131		
3/4/2014	1475	NC0747-139	51.1	SM1382	0.322		595+14.1		59514.1	8 IN	X56	XR	48.653101	103.601475	2033.50	2026.70	6.80	FBE	48.6	49.6	NC0747-143	NC0749-146		
3/4/2014	1477	NC0747-143	48.6	SMT182	0.322		595+62.8		59562.8	8 IN	X56	XR	48.652968	103.601472	2033.50	2027.60	5.90	FBE	49.3	51.1	NC0747-139	NC0747-139		
3/4/2014	1476	NC0747-139	49.3	SM1384	0.322		596+12.0		59612.0	8 IN	X56	XR	48.652833	103.601470	2033.50	2027.90	5.60	FBE	50.3	48.6	NC0747-143	NC0747-143		
3/4/2014	1478	NC0747-143	50.3	SM1385	0.322		596+62.3		59662.3	8 IN	X56	XR	48.652695	103.601466	2033.60	2028.10	5.50	FBE	50.0	49.3	SC1208-3	NC0747-139		
3/4/2014	1479	SC1208-3	50.0	SMT189	0.322		597+12.3	P.I. < 3°25'07" RT.	59712.3	8 IN	X56	XR	48.652558	103.601469	2034.10	2029.40	4.70	FBE	4.9	50.3	C30174	NC0747-143		
3/4/2014	F26	C30174	4.9	SMT190	0.322	FACTORY BEND	597+17.2	P.I. < 13°51'20" RT.	59717.2	8 IN	X56	XR	48.652546	103.601473	2034.10	2029.50	4.60	FBE	50.0	50.0	SC1208-3	SC1208-3		
3/4/2014	1480	SC1208-3	50.0	SMT193	0.322		597+67.3		59767.3	8 IN	X56	XR	48.652447	103.601617	2034.50	2029.30	5.20	FBE	15.4	4.9	NC0745-151	C30174		
3/4/2014	1469A	NC0745-151	15.4	SMT194	0.322		597+82.7	P.I. < 6°01'52" LT.	59782.7	8 IN	X56	XR	48.652417	103.601662	2035.10	2029.30	5.80	FBE	4.9	50.0	C30174	SC1208-3		
3/4/2014	F27	C30174	4.9	SMT195	0.322	FACTORY BEND	597+87.6	P.I. < 10°07'43" LT.	59787.6	8 IN	X56	XR	48.652406	103.601672	2035.10	2029.30	5.80	FBE	44.5	15.4	NC0795-151	NC0745-151		
3/4/2014	1482	NC0795-151	44.5	SM1386	0.322		598+32.1		59832.1	8 IN	X56	XR	48.652284	103.601674	2035.70	2029.60	6.10	FBE	50.3	4.9	SC1214-148	C30174		
3/4/2014	1483	SC1214-148	50.3	SM1387	0.322		598+82.4		59882.4	8 IN	X56	XR	48.652146	103.601677	2036.70	2030.30	6.40	FBE	50.1	44.5	NC0744-145	NC0795-151		
3/4/2014	1484	NC0744-145	50.1	SM1388	0.322		599+32.4		59932.4	8 IN	X56	XR	48.652009	103.601677	2037.50	2031.80	5.70	FBE	50.4	50.3	TC1211-153	SC1214-148		
3/4/2014	1485	TC1211-153	50.4	SM1389	0.322		599+82.8		59982.8	8 IN	X56	XR	48.651871	103.601678	2037.20	2032.20	5.00	FBE	50.2	50.1	SC1208-15	NC0744-145		
3/4/2014	1486	SC1208-15	50.2	SM1390	0.322		600+33.0		60033.0	8 IN	X56	XR	48.651733	103.601675	2037.70	2032.20	5.50	FBE	50.4	50.4	SC1208-16	TC1211-153		
3/4/2014	1487	SC1208-16	50.4	SM1391	0.322		600+83.4		60083.4	8 IN	X56	XR	48.651595	103.601676	2037.60	2032.40	5.20	FBE	50.0	50.2	NC0743-10	SC1208-15		
3/4/2014	1488	NC0743-10	50.0	SM1392	0.322		601+33.4		60133.4	8 IN	X56	XR	48.651458	103.601676	2037.70	2032.40	5.30	FBE	50.2	50.4	SC1207-5	SC1208-16		
3/4/2014	1489	SC1207-5	50.2	SM1393	0.322		601+83.6		60183.6	8 IN	X56	XR	48.651320	103.601676	2037.30	2031.90	5.40	FBE	48.2	50.0	SC1208-3	NC0743-10		
3/4/2014	1490	SC1208-3	48.2	SM1394	0.322		602+31.8		60231.8	8 IN	X56	XR	48.651188	103.601677	2037.30	2032.60	4.70	FBE	50.4	50.2	SC1213-53	SC1207-5		
3/4/2014	1491	SC1213-53	50.4	SM1395	0.322		602+82.2		60282.2	8 IN	X56	XR	48.651050	103.601675	2036.40	2031.90	4.50	FBE	41.4	48.2	NC0743-40	SC1208-3		
3/4/2014	1492	NC0743-40	41.4	SM1396	0.322		603+23.6		60323.6	8 IN	X56	XR	48.650937	103.601676	2037.20	2032.00	5.20	FBE	49.1	50.4	SC1209-31	SC1213-53		
3/4/2014	1495	SC1209-31	49.1	SM1397	0.322		603+72.6		60372.6	8 IN	X56	XR	48.650802	103.601677	2036.50	2031.50	5.00	FBE	50.4	41.4	NC0743-39	NC0743-40		
3/4/2014	1493	NC0743-39	50.4	SM1398	0.322		604+23.1		60423.1	8 IN	X56	XR	48.650664	103.601674	2037.60	2030.90	6.70	FBE	47.1	49.1	NC0741-55	SC1209-31		
3/4/2014	1494	NC0741-55	47.1	SM1399	0.322		604+70.2		60470.2	8 IN	X56	XR	48.650535	103.601673	2038.20	2032.00	6.20	FBE	50.2	50.4	SC1209-31	NC0743-39		
3/4/2014	1496	SC1209-31	50.2	SM1400	0.322		605+20.4		60520.4	8 IN	X56	XR	48.650397	103.601672	2039.40	2033.70	5.70	FBE	50.1	47.1	SC1209-42	NC0741-55		
3/4/2014	1497	SC1209-42	50.1	SM1401	0.322		605+70.5		60570.5	8 IN	X56	XR	48.650260	103.601669	2041.40	2036.70	4.70	FBE	48.1	50.2	NC0745-2	SC1209-31		
3/4/2014	1498	NC0745-2	48.1	SM1402	0.322		606+18.6		60618.6	8 IN	X56	XR	48.650128	103.601666	2043.30	2038.20	5.10	FBE	50.2	50.1	SC1208-41	SC1209-42		
3/4/2014	1499	SC1208-41	50.2	SM1403	0.322		606+68.9		60668.9	8 IN	X56	XR	48.649991	103.601668	2045.40	2040.00	5.40	FBE	50.2	48.1	NC0749-150	NC0745-2		
3/4/2014	1500	NC0749-150	50.2	SM1404	0.322		607+19.1		60719.1	8 IN	X56	XR	48.649853	103.601667	2046.70	2041.20	5.50	FBE	50.3	50.2	NC0749-146	SC1208-41		
3/4/2014	1501	NC0749-146	50.3	SM1405	0.322		607+69.4		60769.4	8 IN	X56	XR	48.649715	103.601666	2047.70	2042.10	5.60	FBE	50.4	50.2	SC1209-42	NC0749-150		
3/4/2014	1502	SC1209-42	50.4	SM1406	0.322		608+19.8		60819.8	8 IN	X56	XR	48.649577	103.601662	2048.50	2043.00	5.50	FBE	50.0	50.3	SC1208-41	NC0749-146		
3/4/2014	1503	SC1208-41	50.0	SM1407	0.322		608+69.8		60869.8	8 IN	X56	XR	48.649440	103.601663	2049.40	2043.70	5.70	FBE	50.1	50.4	NC0743-40	SC1209-42		
3/4/2014	1504	NC0743-40	50.1	SM1408	0.322		609+19.9		60919.9	8 IN	X56	XR	48.649303	103.601666	2049.50	2044.60	4.90	FBE	50.2	50.0	SC1208-41	SC1208-41		
3/4/2014	1505	SC1208-41	50.2	SM1409	0.322		609+70.1		60970.1	8 IN	X56	XR	48.649165	103.601663	2048.90	2044.80	4.10	FBE	49.8	50.1	SC1209-43	NC0743-40		
3/4/2014	1506	SC1209-43	49.8	SM1410	0.322		610+19.9		61019.9	8 IN	X56	XR	48.649029	103.601663	2048.20	2044.00	4.20	FBE	41.4	50.2	NC0750-45	SC1208-41		
3/4/2014	1507	NC0750-45	41.4	SM1411	0.322		610+61.4		61061.4	8 IN	X56	XR	48.648915	103.601663	2047.60	2043.20	4.40	FBE	49.8	49.8	SC1209-43	SC1209-43		
3/4/2014	1508	SC1209-43	49.8	SM1412	0.322		611+11.2		61111.2	8 IN	X56	XR	48.648779	103.601669	2048.19	2044.10	4.09	FBE	48.3	41.4	NC0743-32	NC0750-45		
3/4/2014	1509	NC0743-32	48.3	SMT191	0.322		611+59.5	P.I. < 15°57'05" LT.	61159.5	8 IN	X56	XR	48.648647	103.601679	2049.30	2044.10	5.20	FBE	9.0	49.8	C30174	SC1209-43		
3/4/2014	F28	C30174	9.0	SMT192	0.322	FACTORY BEND	611+68.4	P.I. < 13°52'24" LT.	61168.4	8 IN	X56	XR	48.648631	103.601656	2049.30	2044.10	5.20	FBE	40.4	48.3	SC1209-31	NC0743-32		
3/4/2014	1510	SC1209-31	40.4	SM1413	0.322		612+08.8		61208.8	8 IN	X56	XR	48.648628	103.601490	2049.20	2045.20	4.00	FBE	50.0	9.0	SC1209-43	C30174		
3/4/2014	1511	SC1209-43	50.0	SM1414	0.322		612+58.7		61258.7	8 IN	X56	XR	48.648628	103.601283	2051.10	2045.30	5.80	FBE	49.6	40.4	NC0742-38	SC1209-31		
3/4/2014	1512	NC0742-38	49.6	SM1415	0.322		613+08.4		61308.4	8 IN	X56	XR	48.648628	103.601078	2051.10	2046.50	4.60	FBE	49.3	50.0	TC1211-47	SC1209-43		
3/4/2014	1513	TC1211-47	49.3	SM1416	0.322		613+57.6		61357.6	8 IN	X56	XR	48.648629	103.600874	2051.30	2046.60	4.70	FBE	50.1	49.6	SC1214-62	NC0742-38		
3/4/2014	1514	SC1214-62	50.1	SM1417	0.322		614+07.8		61407.8	8 IN	X56	XR	48.648629	103.600667	2051.70	2046.00	5.70	FBE	50.4	49.3	SC1214-62	TC1211-47		
3/4/2014	1515	SC1214-62	50.4	SM1418	0.322		614+58.1		61458.1	8 IN	X56	XR	48.648632	103.600458	2052.10	2046.40	5.70	FBE	50.4	50.1	SC1214-62	SC1214-62		
3/4/2014	1516	SC1214-62	50.4	SM1419	0.322		615+08.6		61508.6	8 IN	X56	XR	48.648632	103.600250	2051.90	2046.60	5.30	FBE	50.3	50.4	SC1208-41	SC1214-62		
3/4/2014	1517	SC1208-41	50.3	SM1420	0.322		615+58.9		61558.9	8 IN	X56	XR	48.648632	103.600041	2051.60	2046.50	5.10	FBE	50.2	50.4	TC1211-47	SC1214-62		
3/4/2014	1518	TC1211-47	50.2	SM1421	0.322		616+09.1		61609.1	8 IN	X56	XR	48.648632	103.599834	2051.70	2046.10	5.60	FBE	49.9	50.3	SC1208-41	SC1208-41		
3/4/2014	1519	SC1208-41	49.9	SM1422	0.322		616+59.0		61659.0	8 IN	X56	XR	48.648634	103.599628	2051.70	2046.20	5.50	FBE	46.3	50.2	SC1213-51	TC1211-47		
3/4/2014	1520	SC1213-51	46.3	SM1423	0.322		617+05.2		61705.2	8 IN	X56	XR	48.648633	103.599436	2051.20	2046.00	5.20	FBE	49.9	49.9	NC0743-39	SC1208-41		
3/4/2014	1521	NC0743-39	49.9	SM1424	0.322		617+55.1		61755.1	8 IN	X56	XR	48.648632	103.599230	2051.20	2045.70	5.50	FBE	50.7	46.3	NC0745-52	SC1213-51		
3/4/2014	1522	NC0745-52	50.7	SM1425	0.322		618+05.8		61805.8	8 IN	X56	XR	48.648631	103.599020	2049.80	2044.60	5.20	FBE	49.5	49.9	SC1209-42	NC0743-39		
3/4/2014	1523	SC1209-42	49.5	SM1426	0.322		618+55.3		61855.3	8 IN	X56	XR	48.648629	103.598816	2048.10	2043.00	5.10	FBE	50.3	50.7	SC1209-42	NC0745-52		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS Petroleum Field Services, LLC, 7535 Hilltop Circle, Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 192	SHEET No. 92 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1524	SC1209-42	50.3	SM1427	0.322		619+05.6	P.I. < 2°29'30" LT.	61905.6	8 IN	X56	XR	48.648627	103.598608	2047.60	2042.10	5.50	FBE	50.2	49.5	SC1209-42	SC1209-42		
3/4/2014	1525	SC1209-42	50.2	SM1428	0.322		619+55.8		61955.8	8 IN	X56	XR	48.648629	103.598400	2047.60	2042.20	5.40	FBE	50.7	50.3	NC0743-39	SC1209-42		
3/4/2014	1526	NC0743-39	50.7	SM1429	0.322		620+06.5		62006.5	8 IN	X56	XR	48.648630	103.598190	2046.90	2041.80	5.10	FBE	48.5	50.2	SC1213-51	SC1209-42		
3/4/2014	1527	SC1213-51	48.5	SM1430	0.322		620+55.0		62055.0	8 IN	X56	XR	48.648628	103.597990	2046.50	2041.40	5.10	FBE	50.3	50.7	SC1213-51	NC0743-39		
3/4/2014	1528	SC1213-51	50.3	SM1431	0.322		621+05.3		62105.3	8 IN	X56	XR	48.648628	103.597782	2045.90	2041.00	4.90	FBE	50.1	48.5	SC1207-54	SC1213-51		
3/4/2014	1529	SC1207-54	50.1	SMT183	0.322		621+55.4		62155.4	8 IN	X56	XR	48.648627	103.597574	2045.30	2040.70	4.60	FBE	7.1	50.3	SC1207-84	SC1213-51		
3/4/2014	1268A	SC1207-84	7.1	SMT184	0.322		621+62.4		62162.4	8 IN	X56	XR	48.648627	103.597545	2045.30	2040.70	4.60	FBE	11.6	50.1	SC1207-54	SC1207-54		
3/4/2014	1530	SC1207-54	11.6	SMT185	0.322		621+74.0	P.I. < 4°07'47" RT.	62174.0	8 IN	X56	XR	48.648628	103.597497	2045.30	2040.60	4.70	FBE	4.8	7.1	C30174	SC1207-84		
3/4/2014	F29	C30174	4.8	SMT186	0.322	FACTORY BEND	621+78.8	P.I. < 12°02'21" RT.	62178.8	8 IN	X56	XR	48.648624	103.597479	2044.50	2040.50	4.00	FBE	31.4	11.6	SC1207-54	SC1207-54		
3/4/2014	1530A	SC1207-54	31.4	SMT187	0.322		622+10.2		62210.2	8 IN	X56	XR	48.648561	103.597390	2043.40	2038.90	4.50	FBE	46.4	4.8	SC1209-31	C30174		
3/4/2014	1537	SC1209-31	46.4	SMT188	0.322		622+56.6		62256.6	8 IN	X56	XR	48.648471	103.597256	2042.50	2037.50	5.00	FBE	41.2	31.4		SC1207-54		
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	622+97.8		62297.8		X56	XR	48.648392	103.597139	2044.60	2029.12	15.48	ARO	41.2	46.4		SC1209-31		
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	623+39.0		62339.0		X56	XR	48.648311	103.597021	2044.43	2024.58	19.85	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	623+80.2		62380.2		X56	XR	48.648231	103.596901	2045.56	2023.90	21.66	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	624+21.4		62421.4		X56	XR	48.648150	103.596782	2043.34	2027.10	16.24	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	624+62.6		62462.6		X56	XR	48.648071	103.596665	2041.80	2034.14	7.66	ARO	9.1	41.2	D48763			
3/4/2014	1536BR	D48763	9.1	SMT198	0.322		624+71.7	P.I. < 4°30'36" RT.	62471.7	8 IN	X56	XR	48.648054	103.596639	2042.20	2036.20	6.00	ARO	23.2	41.2	SC1207-86			
3/4/2014	1341	SC1207-86	23.2	SMT199	0.322		624+94.9	P.I. < 15°15'08" LT.	62494.9	8 IN	X56	XR	48.648005	103.596578	2042.20	2036.70	5.50	FBE	4.3	9.1	C30174	D48763		
3/4/2014	F30	C30174	4.3	SMT200	0.322	FACTORY BEND	624+99.2	P.I. < 12°41'21" LT.	62499.2	8 IN	X56	XR	48.648001	103.596561	2042.20	2036.80	5.40	FBE	51.4	23.2	NC0743-39	SC1207-86		
3/4/2014	1538	NC0743-39	51.4	SM1432	0.322		625+50.6		62550.6	8 IN	X56	XR	48.648001	103.596349	2042.20	2037.20	5.00	FBE	50.3	4.3	NC0741-55	C30174		
3/4/2014	1539	NC0741-55	50.3	SMT201	0.322		626+00.9		62600.9	8 IN	X56	XR	48.648001	103.596141	2041.20	2036.80	4.40	FBE	39.4	51.4	NC0743-39	NC0743-39		
3/4/2014	1540	NC0743-39	39.4	SM1433	0.322		626+40.2		62640.2	8 IN	X56	XR	48.648001	103.595978	2040.20	2035.00	5.20	FBE	50.4	50.3	NC0742-38	NC0741-55		
3/4/2014	1541	NC0742-38	50.4	SM1434	0.322		626+90.7		62690.7	8 IN	X56	XR	48.648002	103.595770	2038.10	2032.70	5.40	FBE	50.1	39.4	SC1209-49	NC0743-39		
3/4/2014	1542	SC1209-49	50.1	SM1435	0.322		627+40.7		62740.7	8 IN	X56	XR	48.648002	103.595563	2036.60	2031.20	5.40	FBE	50.3	50.4	SC1209-49	NC0742-38		
3/4/2014	1543	SC1209-49	50.3	SM1436	0.322		627+91.0		62791.0	8 IN	X56	XR	48.648001	103.595355	2037.90	2032.50	5.40	FBE	50.2	50.1	TC1211-47	SC1209-49		
3/4/2014	1544	TC1211-47	50.2	SM1437	0.322		628+41.2		62841.2	8 IN	X56	XR	48.648000	103.595148	2040.10	2034.70	5.40	FBE	50.2	50.3	NC0749-146	SC1209-49		
3/4/2014	1545	NC0749-146	50.2	SM1438	0.322		628+91.4		62891.4	8 IN	X56	XR	48.647999	103.594940	2042.00	2036.50	5.50	FBE	33.3	50.2	NC0743-37	TC1211-47		
3/4/2014	1546	NC0743-37	33.3	SM1439	0.322		629+24.7		62924.7	8 IN	X56	XR	48.647998	103.594802	2042.70	2037.50	5.20	FBE	50.4	50.2	SC1213-51	NC0749-146		
3/4/2014	1547	SC1213-51	50.4	SM1440	0.322		629+75.1		62975.1	8 IN	X56	XR	48.647999	103.594594	2042.20	2036.90	5.30	FBE	50.4	33.3	SC1213-53	NC0743-37		
3/4/2014	1548	SC1213-53	50.4	SM1441	0.322		630+25.5		63025.5	8 IN	X56	XR	48.648000	103.594386	2040.80	2035.20	5.60	FBE	50.3	50.4	NC0743-37	SC1213-51		
3/4/2014	1549	NC0743-37	50.3	SM1442	0.322		630+75.7		63075.7	8 IN	X56	XR	48.648001	103.594178	2039.70	2034.20	5.50	FBE	50.2	50.4	NC0743-37	SC1213-53		
3/4/2014	1551	NC0743-37	50.2	SM1443	0.322		631+25.9		63125.9	8 IN	X56	XR	48.648003	103.593970	2038.70	2033.20	5.50	FBE	50.3	50.3	NC0742-38	NC0743-37		
3/4/2014	1550	NC0742-38	50.3	SMT202	0.322		631+76.2		63176.2	8 IN	X56	XR	48.648004	103.593762	2037.40	2033.00	4.40	FBE	9.5	50.2	SC1207-86	NC0743-37		
3/4/2014	1341A	SC1207-86	9.5	SMT203	0.322		631+85.7	P.I. < 6°30'35" RT.	63185.7	8 IN	X56	XR	48.648004	103.593723	2037.20	2033.20	4.00	FBE	7.2	50.3	C30174	NC0742-38		
3/4/2014	F31	C30174	7.2	SMT204	0.322	FACTORY BEND	631+92.9	P.I. < 22°03'45" RT.	63192.9	8 IN	X56	XR	48.647996	103.593699	2037.40	2033.30	4.10	FBE	50.1	9.5	SC1208-41	SC1207-86		
3/4/2014	1552	SC1208-41	50.1	SM1444	0.322		632+43.0	P.I. < 2°23'55" RT.	63243.0	8 IN	X56	XR	48.647861	103.593655	2037.00	2031.60	5.40	FBE	50.1	7.2	SC1209-42	C30174		
3/4/2014	1553	SC1209-42	50.1	SM1445	0.322		632+93.1		63293.1	8 IN	X56	XR	48.647726	103.593620	2037.20	2030.90	6.30	FBE	50.4	50.1	NC0743-37	SC1208-41		
3/4/2014	1554	NC0743-37	50.4	SM1446	0.322		633+43.5		63343.5	8 IN	X56	XR	48.647590	103.593585	2036.70	2031.70	5.00	FBE	50.2	50.1	SC1208-41	SC1209-42		
3/4/2014	1555	SC1208-41	50.2	SM1447	0.322		633+93.7		63393.7	8 IN	X56	XR	48.647454	103.593549	2036.70	2031.40	5.30	FBE	49.4	50.4	SC1209-49	NC0743-37		
3/4/2014	1556	SC1209-49	49.4	SM1448	0.322		634+43.1		63443.1	8 IN	X56	XR	48.647321	103.593515	2037.10	2031.80	5.30	FBE	50.1	50.2	SC1209-42	SC1208-41		
3/4/2014	1557	SC1209-42	50.1	SM1449	0.322		634+93.2		63493.2	8 IN	X56	XR	48.647185	103.593481	2037.10	2032.20	4.90	FBE	50.3	49.4	TC1211-47	SC1209-49		
3/4/2014	1558	TC1211-47	50.3	SM1450	0.322		635+43.5		63543.5	8 IN	X56	XR	48.647050	103.593445	2036.90	2031.80	5.10	FBE	50.2	50.1	NC0750-45	SC1209-42		
3/4/2014	1559	NC0750-45	50.2	SM1451	0.322		635+93.7		63593.7	8 IN	X56	XR	48.646914	103.593412	2036.70	2031.60	5.10	FBE	50.1	50.3	NC0742-35	TC1211-47		
3/4/2014	1560	NC0742-35	50.1	SM1452	0.322		636+43.7		63643.7	8 IN	X56	XR	48.646779	103.593374	2036.90	2031.60	5.30	FBE	50.1	50.2	SC1209-42	NC0750-45		
3/4/2014	1561	SC1209-42	50.1	SM1453	0.322		636+93.8		63693.8	8 IN	X56	XR	48.646644	103.593338	2037.50	2032.10	5.40	FBE	50.3	50.1	NC0743-39	NC0742-35		
3/4/2014	1562	NC0743-39	50.3	SM1454	0.322		637+44.1		63744.1	8 IN	X56	XR	48.646508	103.593301	2038.20	2033.00	5.20	FBE	49.9	50.1	NC0743-32	SC1209-42		
3/4/2014	1563	NC0743-32	49.9	SM1455	0.322		637+94.0		63794.0	8 IN	X56	XR	48.646373	103.593268	2040.70	2035.00	5.70	FBE	50.3	50.3	SC1210-36	NC0743-39		
3/4/2014	1564	SC1210-36	50.3	SM1456	0.322		638+44.2		63844.2	8 IN	X56	XR	48.646238	103.593233	2042.20	2036.60	5.60	FBE	50.2	49.9	SC1213-51	NC0743-32		
3/4/2014	1565	SC1213-51	50.2	SM1457	0.322		638+94.5		63894.5	8 IN	X56	XR	48.646102	103.593197	2044.00	2038.40	5.60	FBE	50.1	50.3	SC1209-33	SC1210-36		
3/4/2014	1566	SC1209-33	50.1	SM1458	0.322		639+44.5		63944.5	8 IN	X56	XR	48.645967	103.593161	2046.50	2040.90	5.60	FBE	50.2	50.2	SC1209-42	SC1213-51		
3/4/2014	1567	SC1209-42	50.2	SM1459	0.322		639+94.7		63994.7	8 IN	X56	XR	48.645832	103.593125	2050.10	2044.20	5.90	FBE	50.3	50.1	SC1214-48	SC1209-33		
3/4/2014	1568	SC1214-48	50.3	SM1460	0.322		640+45.0		64045.0	8 IN	X56	XR	48.645696	103.593090	2053.60	2047.80	5.80	FBE	50.0	50.2	TC1211-47	SC1209-42		
3/4/2014	1569	TC1211-47	50.0	SM1461	0.322		640+95.0		64095.0	8 IN	X56	XR	48.645562	103.593055	2057.50	2052.10	5.40	FBE	50.4	50.3	SC1210-36	SC1214-48		
3/4/2014	1570	SC1210-36	50.4	SM1462	0.322		641+45.4		64145.4	8 IN	X56	XR	48.645427	103.593019	2062.60	2057.80	4.80	FBE	50.3	50.0	NC0743-37	TC1211-47		
3/4/2014	1571	NC0743-37	50.3	SM1463	0.322		641+95.7		64195.7	8 IN	X56	XR	48.645292	103.592981	2066.30	2061.00	5.30	FBE	50.4	50.4	SC1213-51	SC1210-36		
3/4/2014	1572	SC1213-51	50.4	SM1464	0.322		642+46.2		64246.2	8 IN	X56	XR	48.645156	103.592945	2068.30	2063.10	5.20	FBE	50.3	50.3	SC1213-51	NC0743-37		
3/4/2014	1573	SC1213-51	50.3	SM1465	0.322		642+96.4		64296.4	8 IN	X56	XR	48.645020	103.592912	2070.40	2065.60	4.80	FBE	50.3	50.4	SC1209-33	SC1213-51		
3/4/2014	1574	SC1209-33	50.3	SM1466	0.322		643+46.7		64346.7	8 IN	X56	XR	48.644884	103.592878	2072.70	2067.40	5.30	FBE	50.2	50.3	SC1209-33	SC1213-51		
3/4/2014	1575	SC1209-33	50.2	SM1467	0.322		643+96.9		64396.9	8 IN	X56	XR	48.644748	103.592842	2074.30	2069.20	5.10	FBE	50.4	50.3	SC1213-51	SC1209-33		
3/4/2014	1576	SC1213-51	50.4	SM1468	0.322		644+47.3		64447.3	8 IN	X56	XR	48.644612	103.592804	2074.60	2069.40	5.20	FBE	50.3	50.2	SC1213-51	SC1209-33		
3/4/2014	1577	SC1213-51	50.3	SM1469	0.322		644+97.6		64497.6	8 IN	X56	XR	48.644477	103.592768	2074.20	2070.00	4.20	FBE	50.2	50.4	NC0742-35	SC1213-51		
3/4/2014	1578	NC0742-35	50.2	SM1470	0.322		645+47.9		64547.9	8 IN	X56	XR	48.644341	103.592734	2073.90	2068.50	5.40	FBE	49.3	50.3	NC0742-35	SC1213-51		
3/4/2014	1579	NC0742-35	49.3	SM1471	0.322		645+97.2		64597.2	8 IN	X56	XR	48.644208	103.592701	2069.40	2064.30	5.10	FBE	50.2	50.2	SC1209-44	NC0742-35		
3/4/2014	1580	SC1209-44	50.2	SM1472	0.322		646+47.4		64647.4	8 IN	X56	XR	48.644072	103.592667	2067.80	2062.70	5.10	FBE	50.3	49.3	SC1209-44	NC0742-35		
3/4/2014	1582	SC1209-44	50.3	SM1473	0.322		646+97.7		64697.7	8 IN	X56	XR	48.643937	103.592629	2067.80	2062.20	5.60	FBE	50.1	50.2	SC1209-33	SC1209-44		
3/4/2014	1583	SC1209-33	50.1	SM1474	0.322		647+47.7		64747.7	8 IN	X56	XR	48.643802	103.592592	2064.70	2060.00	4.70	FBE	50.2	50.3	NC0743-40	SC1209-44		
3/4/2014	1581	NC0743-40	50.2	SM1475	0.322		647+97.9		64797.9	8 IN	X56	XR	48.643667	103.592556	2061.70	2057.50	4.20	FBE	50.1	50.1	SC1208-41	SC1209-33		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
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REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 193	SHEET No. 93 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1584	SC1208-41	50.1	SM1476	0.322		648+48.1		64848.1	8 IN	X56	XR	48.643531	103.592522	2062.20	2057.40	4.80	FBE	50.3	50.2	SC1209-49	NC0743-40		
3/4/2014	1585	SC1209-49	50.3	SM1477	0.322		648+98.4		64898.4	8 IN	X56	XR	48.643395	103.592486	2063.90	2058.60	5.30	FBE	48.9	50.1	SC1213-53	SC1208-41		
3/4/2014	1586	SC1213-53	48.9	SM1478	0.322		649+47.3		64947.3	8 IN	X56	XR	48.643263	103.592452	2064.50	2058.80	5.70	FBE	50.0	50.3	SC1208-41	SC1209-49		
3/4/2014	1590	SC1208-41	50.0	SM1479	0.322		649+97.3		64997.3	8 IN	X56	XR	48.643129	103.592418	2058.50	2053.20	5.30	FBE	50.2	48.9	NC0746-87	SC1213-53		
3/4/2014	1595	NC0746-87	50.2	SM1480	0.322		650+47.6		65047.6	8 IN	X56	XR	48.642994	103.592383	2054.50	2049.30	5.20	FBE	50.2	50.0	SC1208-41	SC1208-41		
3/4/2014	1589	SC1208-41	50.2	SM1481	0.322		650+97.8		65097.8	8 IN	X56	XR	48.642858	103.592347	2053.70	2048.10	5.60	FBE	50.0	50.2	SC1208-41	NC0746-87		
3/4/2014	1587	SC1208-41	50.0	SM1482	0.322		651+47.8		65147.8	8 IN	X56	XR	48.642723	103.592313	2050.50	2044.90	5.60	FBE	50.3	50.2	SC1208-41	SC1208-41		
3/4/2014	1591	SC1208-41	50.3	SM1483	0.322		651+98.1		65198.1	8 IN	X56	XR	48.642588	103.592278	2046.10	2040.60	5.50	FBE	50.2	50.0	NC0743-32	SC1208-41		
3/4/2014	1592	NC0743-32	50.2	SM1484	0.322		652+48.3		65248.3	8 IN	X56	XR	48.642452	103.592243	2043.70	2038.20	5.50	FBE	49.6	50.3	NC0742-96	SC1208-41		
3/4/2014	1593	NC0742-96	49.6	SM1485	0.322		652+97.9		65297.9	8 IN	X56	XR	48.642319	103.592208	2041.00	2035.50	5.50	FBE	50.3	50.2	NC0746-87	NC0743-32		
3/4/2014	1594	NC0746-87	50.3	SM1486	0.322		653+48.2		65348.2	8 IN	X56	XR	48.642184	103.592172	2035.40	2030.30	5.10	FBE	49.7	49.6	SC1209-44	NC0742-96		
3/4/2014	1588	SC1209-44	49.7	SM1487	0.322		653+97.8		65397.8	8 IN	X56	XR	48.642050	103.592138	2035.00	2029.00	6.00	FBE	49.7	50.3	SC1207-86	NC0746-87		
3/4/2014	1596	SC1207-86	49.7	SM1488	0.322		654+47.5		65447.5	8 IN	X56	XR	48.641915	103.592103	2035.30	2030.30	5.00	FBE	50.4	49.7	NC0749-138	SC1209-44		
3/4/2014	1597	NC0749-138	50.4	SM1489	0.322		654+97.9		65497.9	8 IN	X56	XR	48.641779	103.592067	2036.50	2030.40	6.10	FBE	50.2	49.7	NC0742-96	SC1207-86		
3/4/2014	1598	NC0742-96	50.2	SM1490	0.322		655+48.1		65548.1	8 IN	X56	XR	48.641644	103.592029	2037.30	2031.00	6.30	FBE	50.2	50.4	NC0746-137	NC0749-138		
3/4/2014	1599	NC0746-137	50.2	SM1491	0.322		655+98.4		65598.4	8 IN	X56	XR	48.641509	103.591992	2037.10	2031.50	5.60	FBE	50.1	50.2	TC1211-47	NC0742-96		
3/4/2014	1600	TC1211-47	50.1	SM1492	0.322		656+48.5		65648.5	8 IN	X56	XR	48.641374	103.591957	2040.50	2035.10	5.40	FBE	50.2	50.2	NC0741-55	NC0746-137		
3/4/2014	1601	NC0741-55	50.2	SM1493	0.322		656+98.7		65698.7	8 IN	X56	XR	48.641239	103.591921	2045.10	2039.50	5.60	FBE	50.2	50.1	NC0742-56	TC1211-47		
3/4/2014	1602	NC0742-56	50.2	SM1494	0.322		657+48.9		65748.9	8 IN	X56	XR	48.641103	103.591885	2047.20	2041.60	5.60	FBE	50.2	50.2	NC0742-56	NC0741-55		
3/4/2014	1603	NC0742-56	50.2	SM1495	0.322		657+99.1		65799.1	8 IN	X56	XR	48.640967	103.591850	2048.70	2043.00	5.70	FBE	49.7	50.2	NC0742-56	NC0742-56		
3/4/2014	1604	NC0742-56	49.7	SM1496	0.322		658+48.8		65848.8	8 IN	X56	XR	48.640834	103.591815	2052.90	2047.70	5.20	FBE	50.3	50.2	SC1207-54	NC0742-56		
3/4/2014	1605	SC1207-54	50.3	SM1497	0.322		658+99.1		65899.1	8 IN	X56	XR	48.640699	103.591779	2060.00	2054.30	5.70	FBE	50.1	49.7	TC1211-47	NC0742-56		
3/4/2014	1606	TC1211-47	50.1	SM1498	0.322		659+49.2		65949.2	8 IN	X56	XR	48.640565	103.591743	2066.80	2061.20	5.60	FBE	50.4	50.3	SC1214-48	SC1207-54		
3/4/2014	1607	SC1214-48	50.4	SM1499	0.322		659+99.6		65999.6	8 IN	X56	XR	48.640430	103.591708	2073.10	2067.50	5.60	FBE	49.6	50.1	NC0741-50	TC1211-47		
3/4/2014	1608	NC0741-50	49.6	SM1500	0.322		660+49.2		66049.2	8 IN	X56	XR	48.640297	103.591673	2074.70	2069.20	5.50	FBE	40.3	50.4	NC0743-39	SC1214-48		
3/4/2014	1609	NC0743-39	40.3	SM1501	0.322		660+89.5		66089.5	8 IN	X56	XR	48.640188	103.591645	2074.50	2068.70	5.80	FBE	50.3	49.6	NC0745-52	NC0741-50		
3/4/2014	1610	NC0745-52	50.3	SM1502	0.322		661+39.8		66139.8	8 IN	X56	XR	48.640052	103.591608	2073.20	2067.80	5.40	FBE	49.7	40.3	NC0742-56	NC0743-39		
3/4/2014	1611	NC0742-56	49.7	SMT205	0.322		661+89.5		66189.5	8 IN	X56	XR	48.639918	103.591570	2071.90	2067.50	4.40	FBE	6.2	50.3	TC1211-105	NC0745-52		
3/4/2014	1022A	TC1211-105	6.2	SMT206	0.322		661+95.6	P.I. < 5°13'22" LT.	66195.6	8 IN	X56	XR	48.639902	103.591566	2071.90	2067.50	4.40	FBE	3.4	49.7	C30174	NC0742-56		
3/4/2014	F32	C30174	3.4	SMT207	0.322	FACTORY BEND	661+99.0	P.I. < 9°27'00" LT.	66199.0	8 IN	X56	XR	48.639893	103.591561	2071.90	2067.50	4.40	FBE	17.6	6.2	SC1209-44	TC1211-105		
3/4/2014	1612	SC1209-44	17.6	SMT208	0.322		662+16.6		66216.6	8 IN	X56	XR	48.639855	103.591516	2071.40	2067.10	4.30	FBE	49.8	3.4	SC1209-46	C30174		
3/4/2014	1613	SC1209-46	49.8	SM1504	0.322		662+66.4		66266.4	8 IN	X56	XR	48.639749	103.591387	2070.30	2064.60	5.70	FBE	50.3	17.6	NC0750-45	SC1209-44		
3/4/2014	1614	NC0750-45	50.3	SM1506	0.322		663+16.7		66316.7	8 IN	X56	XR	48.639641	103.591257	2069.10	2064.10	5.00	FBE	50.3	49.8	NC0742-56	SC1209-46		
3/4/2014	1615	NC0742-56	50.3	SMT213	0.322		663+67.0		66367.0	8 IN	X56	XR	48.639534	103.591126	2069.10	2064.10	5.00	FBE	49.8	50.3	NC0746-137	NC0750-45		
3/4/2014	1616	NC0746-137	49.8	SM1503	0.322		664+16.8		66416.8	8 IN	X56	XR	48.639429	103.590995	2068.30	2063.00	5.30	FBE	48.2	50.3	NC0745-52	NC0742-56		
3/4/2014	1617	NC0745-52	48.2	SM1505	0.322		664+65.0		66465.0	8 IN	X56	XR	48.639325	103.590871	2067.00	2061.70	5.30	FBE	48.8	49.8	NC1207-54	NC0746-137		
3/4/2014	1618	SC1207-54	48.8	SM1507	0.322		665+13.8		66513.8	8 IN	X56	XR	48.639221	103.590746	2064.10	2058.60	5.50	FBE	49.8	48.2	SC1209-46	NC0745-52		
3/4/2014	1619	SC1209-46	49.8	SM1508	0.322		665+63.6		66563.6	8 IN	X56	XR	48.639114	103.590619	2059.30	2053.80	5.50	FBE	50.2	48.8	NC0750-45	SC1207-54		
3/4/2014	1620	NC0750-45	50.2	SM1509	0.322		666+13.7		66613.7	8 IN	X56	XR	48.639007	103.590488	2057.80	2052.30	5.50	FBE	50.3	49.8	SC1213-51	SC1209-46		
3/4/2014	1621	SC1213-51	50.3	SM1510	0.322		666+64.1		66664.1	8 IN	X56	XR	48.638900	103.590358	2055.30	2050.10	5.20	FBE	50.3	50.2	NC0742-38	NC0750-45		
3/4/2014	1622	NC0742-38	50.3	SM1511	0.322		667+14.4		66714.4	8 IN	X56	XR	48.638793	103.590230	2049.40	2044.10	5.30	FBE	50.2	50.3	NC0742-38	SC1213-51		
3/4/2014	1623	NC0742-38	50.2	SM1512	0.322		667+64.6		66764.6	8 IN	X56	XR	48.638686	103.590102	2043.40	2037.90	5.50	FBE	50.2	50.3	NC0743-39	NC0742-38		
3/4/2014	1624	NC0743-39	50.2	SM1513	0.322		668+14.8		66814.8	8 IN	X56	XR	48.638579	103.589973	2038.70	2033.10	5.60	FBE	50.3	50.2	NC0743-39	NC0742-38		
3/4/2014	1625	NC0743-39	50.3	SM1514	0.322		668+65.2		66865.2	8 IN	X56	XR	48.638470	103.589844	2037.00	2031.40	5.60	FBE	50.1	50.2	NC0743-39	NC0743-39		
3/4/2014	1626	NC0743-39	50.1	SM1515	0.322		669+15.3		66915.3	8 IN	X56	XR	48.638363	103.589715	2038.90	2033.50	5.40	FBE	50.3	50.3	NC0742-78	NC0743-39		
3/4/2014	1627	NC0742-78	50.3	SM1516	0.322		669+65.5		66965.5	8 IN	X56	XR	48.638256	103.589586	2044.30	2038.40	5.90	FBE	50.1	50.1	SC1207-86	NC0743-39		
3/4/2014	1628	SC1207-86	50.1	SM1517	0.322		670+15.6		67015.6	8 IN	X56	XR	48.638151	103.589456	2050.40	2045.20	5.20	FBE	50.3	50.3	SC1214-107	NC0742-78		
3/4/2014	1629	SC1214-107	50.3	SM1518	0.322		670+65.9		67065.9	8 IN	X56	XR	48.638047	103.589327	2060.30	2055.70	4.60	FBE	50.1	50.1	SC1214-79	SC1207-86		
3/4/2014	1630	SC1214-79	50.1	SM1519	0.322		671+16.0		67116.0	8 IN	X56	XR	48.637947	103.589200	2075.70	2071.10	4.60	FBE	50.3	50.3	NC0742-78	SC1214-107		
3/4/2014	1631	NC0742-78	50.3	SM1520	0.322		671+66.3		67166.3	8 IN	X56	XR	48.637846	103.589073	2091.10	2086.20	4.90	FBE	50.2	50.1	NC0742-78	SC1214-79		
3/4/2014	1632	NC0742-78	50.2	SM1521	0.322		672+16.5		67216.5	8 IN	X56	XR	48.637739	103.588944	2092.20	2086.50	5.70	FBE	50.5	50.3	SC1207-68	NC0742-78		
3/4/2014	1633	SC1207-68	50.5	SM1522	0.322		672+67.0		67267.0	8 IN	X56	XR	48.637635	103.588819	2078.10	2072.90	5.20	FBE	50.2	50.2	SC1214-79	NC0742-78		
3/4/2014	1634	SC1214-79	50.2	SM1523	0.322		673+17.2		67317.2	8 IN	X56	XR	48.637533	103.588693	2063.70	2058.40	5.30	FBE	50.2	50.5	SC1214-107	SC1207-68		
3/4/2014	1635	SC1214-107	50.2	SM1524	0.322		673+67.3		67367.3	8 IN	X56	XR	48.637429	103.588563	2054.40	2048.90	5.50	FBE	50.3	50.2	NC0747-139	SC1214-79		
3/4/2014	1636	NC0747-139	50.3	SM1525	0.322		674+17.7		67417.7	8 IN	X56	XR	48.637323	103.588431	2050.30	2044.80	5.50	FBE	50.3	50.2	SC1214-106	SC1214-107		
3/4/2014	1637	SC1214-106	50.3	SM1526	0.322		674+68.0		67468.0	8 IN	X56	XR	48.637216	103.588300	2050.40	2044.10	6.30	FBE	49.6	50.3	SC1214-48	NC0747-139		
3/4/2014	1638	SC1214-48	49.6	SM1527	0.322		675+17.5		67517.5	8 IN	X56	XR	48.637110	103.588171	2049.30	2043.90	5.40	FBE	50.3	50.3	SC1207-82	SC1214-106		
3/4/2014	1639	SC1207-82	50.3	SM1528	0.322		675+67.8		67567.8	8 IN	X56	XR	48.637003	103.588041	2050.40	2045.60	4.80	FBE	42.0	49.6	SC1214-106	SC1214-48		
3/4/2014	1640	SC1214-106	42.0	SMT209	0.322		676+09.9		67609.9	8 IN	X56	XR	48.636914	103.587931	2053.90	2048.70	5.20	FBE	50.2	50.3	NC0741-50	SC1207-82		
3/4/2014	1641	NC0741-50	50.2	SM1529	0.322		676+60.1		67660.1	8 IN	X56	XR	48.636808	103.587800	2058.20	2052.60	5.60	FBE	49.6	42.0	SC1214-107	SC1214-106		
3/4/2014	1642	SC1214-107	49.6	SM1530	0.322		677+09.7		67709.7	8 IN	X56	XR	48.636702	103.587675	2066.20	2060.60	5.60	FBE	50.2	50.2	SC1214-79	NC0741-50		
3/4/2014	1643	SC1214-79	50.2	SM1531	0.322		677+59.9		67759.9	8 IN	X56	XR	48.636597	103.587547	2076.00	2070.80	5.20	FBE	50.3	49.6	NC0747-139	SC1214-107		
3/4/2014	1644	NC0747-139	50.3	SM1532	0.322		678+10.2		67810.2	8 IN	X56	XR	48.636494	103.587415	2084.30	2079.00	5.30	FBE	50.4	50.2	NC0745-109	SC1214-79		
3/4/2014	1645	NC0745-109	50.4	SM1533	0.322		678+60.5		67860.5	8 IN	X56	XR	48.636389	103.587282	2090.20	2085.60	4.60	FBE	50.2	50.3	SC1214-48	NC0747-139		
3/4/2014	1646	SC1214-48	50.2	SM1534	0.322		679+10.7		67910.7	8 IN	X56	XR	48.636283	103.587154	2098.50	2094.00	4.50	FBE	50.3	50.4	SC1210-36	NC0745-109		
3/4/2014	1647	SC1210-36	50.3	SM1535	0.322		679+61.0		67961.0	8 IN	X56	XR	48.636177	103.587030	2111.70	2105.70	6.00	FBE	50.3	50.2	NC0746-137	SC1214-48		
3/4/2014	1649	NC0746-137	50.3	SM1536	0.322		680+11.3		68011.3	8 IN	X56	XR	48.636071	103.586900	2118.20	2112.70	5.50	FBE	50.3	50.3	SC1214-107	SC1210-36		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 194	SHEET No. 94 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1648	SC1214-107	50.3	SM1537	0.322		680+61.6		68061.6	8 IN	X56	XR	48.635965	103.586768	2119.70	2114.70	5.00	FBE	50.1	50.3	NC0745-109	NC0746-137		
3/4/2014	1650	NC0745-109	50.1	SM1538	0.322		681+11.7		68111.7	8 IN	X56	XR	48.635859	103.586637	2120.70	2115.20	5.50	FBE	50.3	50.3	NC0746-137	SC1214-107		
3/4/2014	1651	NC0746-137	50.3	SM1539	0.322		681+62.0		68162.0	8 IN	X56	XR	48.635751	103.586507	2122.30	2116.40	5.90	FBE	50.3	50.1	NC0746-87	NC0745-109		
3/4/2014	1652	NC0746-87	50.3	SM1540	0.322		682+12.3		68212.3	8 IN	X56	XR	48.635644	103.586376	2122.10	2116.40	5.70	FBE	50.4	50.3	NC0747-139	NC0746-137		
3/4/2014	1653	NC0747-139	50.4	SM1541	0.322		682+62.7		68262.7	8 IN	X56	XR	48.635537	103.586245	2120.90	2115.80	5.10	FBE	50.3	50.3	SC1209-104	NC0746-87		
3/4/2014	1654	SC1209-104	50.3	SM1542	0.322		683+13.0		68313.0	8 IN	X56	XR	48.635429	103.586115	2119.30	2114.20	5.10	FBE	50.3	50.4	NC0745-109	NC0747-139		
3/4/2014	1655	NC0745-109	50.3	SM1543	0.322		683+63.3		68363.3	8 IN	X56	XR	48.635322	103.585983	2117.80	2112.30	5.50	FBE	50.3	50.3	SC1207-84	SC1209-104		
3/4/2014	1656	SC1207-84	50.3	SM1544	0.322		684+13.6		68413.6	8 IN	X56	XR	48.635216	103.585851	2116.90	2112.30	4.60	FBE	27.6	50.3	NC0741-50	NC0745-109		
3/4/2014	1657	NC0741-50	27.6	SMT196	0.322	CUT AND ADD JOINT	684+41.2		68441.2	8 IN	X56	XR	48.635158	103.585779	2116.90	2112.30	4.60	FBE	11.8	50.3	NC0747-139	SC1207-84		
3/4/2014	1406	NC0747-139	11.8	SMT197	0.322	CUT AND ADD JOINT	684+53.0		68453.0	8 IN	X56	XR	48.635133	103.585748	2116.90	2112.10	4.80	FBE	11.0	27.6	NC0741-50	NC0741-50		
3/4/2014	1657	NC0741-50	11.0	SM1545	0.322	CUT AND ADD JOINT	684+64.0		68464.0	8 IN	X56	XR	48.635109	103.585719	2117.00	2111.90	5.10	FBE	50.3	11.8	NC0749-85	NC0747-139		
3/4/2014	1658	NC0749-85	50.3	SM1546	0.322		685+14.3		68514.3	8 IN	X56	XR	48.635002	103.585588	2115.60	2109.90	5.70	FBE	49.9	11.0	NC0742-139	NC0741-50		
3/4/2014	1659	NC0742-139	49.9	SM1547	0.322		685+64.2		68564.2	8 IN	X56	XR	48.634896	103.585459	2114.20	2108.50	5.70	FBE	50.2	50.3	SC1214-107	NC0749-85		
3/4/2014	1660	SC1214-107	50.2	SM1548	0.322		686+14.4		68614.4	8 IN	X56	XR	48.634789	103.585328	2113.00	2107.50	5.50	FBE	50.4	49.9	SC1215-80	NC0742-139		
3/4/2014	1661	SC1215-80	50.4	SM1549	0.322		686+64.8		68664.8	8 IN	X56	XR	48.634682	103.585196	2112.40	2106.90	5.50	FBE	50.3	50.2	SC1215-90	SC1214-107		
3/4/2014	1662	SC1215-90	50.3	SM1550	0.322		687+15.1		68715.1	8 IN	X56	XR	48.634575	103.585066	2111.50	2106.00	5.50	FBE	50.2	50.4	TC1211-105	SC1215-80		
3/4/2014	1663	TC1211-105	50.2	SM1551	0.322		687+65.3		68765.3	8 IN	X56	XR	48.634468	103.584935	2111.20	2105.50	5.70	FBE	49.9	50.3	SC1215-90	SC1215-90		
3/4/2014	1664	SC1215-90	49.9	SM1552	0.322		688+15.2		68815.2	8 IN	X56	XR	48.634362	103.584805	2110.30	2104.70	5.60	FBE	49.5	50.2	TC1211-105	TC1211-105		
3/4/2014	1665	TC1211-105	49.5	SM1553	0.322		688+64.6		68864.6	8 IN	X56	XR	48.634257	103.584675	2110.00	2104.40	5.60	FBE	50.3	49.9	SC1209-91	SC1215-90		
3/4/2014	1666	SC1209-91	50.3	SMT210	0.322		689+15.0		68915.0	8 IN	X56	XR	48.634148	103.584546	2111.60	2105.80	5.80	FBE	50.3	49.5	NC0741-92	TC1211-105		
3/4/2014	1667	NC0741-92	50.3	SM1554	0.322		689+65.3		68965.3	8 IN	X56	XR	48.634040	103.584417	2115.50	2107.90	7.60	FBE	47.9	50.3	NC0749-85	SC1209-91		
3/4/2014	1668	NC0749-85	47.9	SMT211	0.322		690+13.1		69013.1	8 IN	X56	XR	48.633940	103.584292	2118.00	2113.00	5.00	FBE	50.3	50.3	NC0745-109	NC0741-92		
3/4/2014	1669	NC0745-109	50.3	SM1555	0.322		690+63.5		69063.5	8 IN	X56	XR	48.633835	103.584158	2122.10	2117.10	5.00	FBE	49.9	47.9	SC1214-89	NC0749-85		
3/4/2014	1670	SC1214-89	49.9	SM1556	0.322		691+13.4		69113.4	8 IN	X56	XR	48.633730	103.584027	2126.90	2121.40	5.50	FBE	34.5	50.3	SC1214-89	NC0745-109		
3/4/2014	1671	SC1214-89	34.5	SM1557	0.322		691+47.9		69147.9	8 IN	X56	XR	48.633657	103.583937	2130.40	2124.80	5.60	FBE	50.4	49.9	SC1207-86	SC1214-89		
3/4/2014	1672	SC1207-86	50.4	SM1558	0.322		691+98.3		69198.3	8 IN	X56	XR	48.633550	103.583807	2136.20	2131.20	5.00	FBE	50.3	34.5	NC0745-99	SC1214-89		
3/4/2014	1673	NC0745-99	50.3	SM1559	0.322		692+48.6		69248.6	8 IN	X56	XR	48.633444	103.583676	2140.20	2135.30	4.90	FBE	49.6	50.4	NC0744-98	SC1207-86		
3/4/2014	1674	NC0744-98	49.6	SM1560	0.322		692+98.2		69298.2	8 IN	X56	XR	48.633338	103.583547	2142.30	2137.10	5.20	FBE	50.3	50.3	NC0749-85	NC0745-99		
3/4/2014	1675	NC0749-85	50.3	SM1561	0.322		693+48.5		69348.5	8 IN	X56	XR	48.633230	103.583418	2144.10	2139.10	5.00	FBE	50.3	49.6	NC0744-98	NC0744-98		
3/4/2014	1676	NC0744-98	50.3	SM1562	0.322		693+98.8		69398.8	8 IN	X56	XR	48.633122	103.583289	2145.50	2140.50	5.00	FBE	49.7	50.3	NC0745-99	NC0749-85		
3/4/2014	1677	NC0745-99	49.7	SM1563	0.322		694+48.5		69448.5	8 IN	X56	XR	48.633015	103.583162	2146.80	2141.60	5.20	FBE	49.4	50.3	SC1209-46	NC0744-98		
3/4/2014	1678	SC1209-46	49.4	SM1564	0.322		694+97.9		69497.9	8 IN	X56	XR	48.632910	103.583033	2148.80	2143.20	5.60	FBE	50.3	49.7	NC0746-87	NC0745-99		
3/4/2014	1679	NC0746-87	50.3	SM1565	0.322		695+48.2		69548.2	8 IN	X56	XR	48.632804	103.582901	2149.20	2143.80	5.40	FBE	48.2	49.4	SC1214-89	SC1209-46		
3/4/2014	1680	SC1214-89	48.2	SM1566	0.322		695+96.4		69596.4	8 IN	X56	XR	48.632702	103.582775	2147.70	2142.40	5.30	FBE	50.2	50.3	SC1214-89	NC0746-87		
3/4/2014	1681	SC1214-89	50.2	SM1567	0.322		696+46.7		69646.7	8 IN	X56	XR	48.632597	103.582641	2144.20	2138.90	5.30	FBE	50.5	48.2	SC1214-89	SC1214-89		
3/4/2014	1682	SC1214-89	50.5	SM1568	0.322		696+97.2		69697.2	8 IN	X56	XR	48.632492	103.582507	2138.10	2132.60	5.50	FBE	50.3	50.2	NC0744-98	SC1214-89		
3/4/2014	1683	NC0744-98	50.3	SM1569	0.322		697+47.5		69747.5	8 IN	X56	XR	48.632386	103.582377	2131.00	2126.00	5.00	FBE	50.2	50.5	SC1207-82	SC1214-89		
3/4/2014	1684	SC1207-82	50.2	SM1570	0.322		697+97.6		69797.6	8 IN	X56	XR	48.632279	103.582247	2128.60	2123.70	4.90	FBE	50.2	50.3	SC1213-83	NC0744-98		
3/4/2014	1685	SC1213-83	50.2	SM1571	0.322		698+47.8		69847.8	8 IN	X56	XR	48.632171	103.582118	2129.40	2124.30	5.10	FBE	50.3	50.2	SC1207-84	SC1207-82		
3/4/2014	1686	SC1207-84	50.3	SM1572	0.322		698+98.1		69898.1	8 IN	X56	XR	48.632063	103.581990	2131.70	2127.20	4.50	FBE	50.3	50.2	TC1211-108	SC1213-83		
3/4/2014	1687	TC1211-108	50.3	SM1573	0.322		699+48.4		69948.4	8 IN	X56	XR	48.631955	103.581860	2135.10	2129.30	5.80	FBE	50.4	50.3	NC0745-99	SC1207-84		
3/4/2014	1688	NC0745-99	50.4	SM1574	0.322		699+98.8		69998.8	8 IN	X56	XR	48.631847	103.581730	2135.10	2130.00	5.10	FBE	50.2	50.3	SC1214-79	TC1211-108		
3/4/2014	1689	SC1214-79	50.2	SM1575	0.322		700+49.0		70049.0	8 IN	X56	XR	48.631740	103.581600	2135.10	2130.00	5.10	FBE	49.8	50.4	NC0746-137	NC0745-99		
3/4/2014	1690	NC0746-137	49.8	SM1576	0.322		700+98.8		70098.8	8 IN	X56	XR	48.631634	103.581471	2134.60	2129.70	4.90	FBE	50.3	50.2	NC0746-137	SC1214-79		
3/4/2014	1691	NC0746-137	50.3	SM1577	0.322		701+49.1		70149.1	8 IN	X56	XR	48.631526	103.581342	2133.70	2128.80	4.90	FBE	50.4	49.8	SC1207-94	NC0746-137		
3/4/2014	1692	SC1207-94	50.4	SM1578	0.322		701+99.5		70199.5	8 IN	X56	XR	48.631418	103.581211	2133.50	2128.60	4.90	FBE	50.2	50.3	NC0750-103	NC0746-137		
3/4/2014	1693	NC0750-103	50.2	SM1579	0.322		702+49.7		70249.7	8 IN	X56	XR	48.631311	103.581080	2136.00	2130.20	5.80	FBE	50.3	50.4	SC1207-86	SC1207-94		
3/4/2014	1694	SC1207-86	50.3	SM1580	0.322		703+00.0		70300.0	8 IN	X56	XR	48.631205	103.580948	2135.90	2131.60	4.30	FBE	50.3	50.2	SC1207-86	NC0750-103		
3/4/2014	1695	SC1207-86	50.3	SM1581	0.322		703+50.3		70350.3	8 IN	X56	XR	48.631098	103.580817	2136.00	2131.30	4.70	FBE	50.1	50.3	SC1207-82	SC1207-86		
3/4/2014	1696	SC1207-82	50.1	SM1582	0.322		704+00.5		70400.5	8 IN	X56	XR	48.630991	103.580686	2135.80	2131.30	4.50	FBE	50.5	50.3	SC1214-76	SC1207-86		
3/4/2014	1697	SC1214-76	50.5	SM1583	0.322		704+50.9		70450.9	8 IN	X56	XR	48.630884	103.580555	2134.60	2130.20	4.40	FBE	50.4	50.1	NC0746-81	SC1207-82		
3/4/2014	1698	NC0746-81	50.4	SMT212	0.322		705+01.3		70501.3	8 IN	X56	XR	48.630777	103.580422	2134.00	2129.70	4.30	FBE	48.9	50.5	NC0746-87	SC1214-76		
3/4/2014	1699	NC0746-87	48.9	SM1585	0.322		705+50.2		70550.2	8 IN	X56	XR	48.630674	103.580293	2132.90	2127.80	5.10	FBE	50.4	50.4	SC1214-89	NC0746-81		
3/4/2014	1700	SC1214-89	50.4	SM1587	0.322		706+00.6		70600.6	8 IN	X56	XR	48.630568	103.580159	2132.60	2127.00	5.60	FBE	50.4	48.9	SC1214-89	NC0746-87		
3/4/2014	1701	SC1214-89	50.4	SM1589	0.322		706+51.0		70651.0	8 IN	X56	XR	48.630462	103.580026	2132.00	2125.70	6.30	FBE	48.9	50.4	TC0749-85	SC1214-89		
3/4/2014	1702	TC0749-85	48.9	SMT214	0.322		706+99.8		70699.8	8 IN	X56	XR	48.630360	103.579896	2131.70	2125.90	5.80	FBE	6.4	50.4	SC1214-106	SC1214-89		
3/4/2014	1640A	SC1214-106	6.4	SMT215	0.322		707+06.2		70706.2	8 IN	X56	XR	48.630346	103.579880	2130.80	2125.80	5.00	FBE	50.3	48.9	SC1215-88	TC0749-85		
3/4/2014	1703	SC1215-88	50.3	SM1584	0.322		707+56.5		70756.5	8 IN	X56	XR	48.630238	103.579751	2130.80	2125.20	5.60	FBE	50.8	6.4	SC1215-88	SC1214-106		
3/4/2014	1704	SC1215-88	50.8	SM1586	0.322		708+07.3		70807.3	8 IN	X56	XR	48.630127	103.579623	2130.80	2125.60	5.20	FBE	50.2	50.3	NC0746-81	SC1215-88		
3/4/2014	1705	NC0746-81	50.2	SM1588	0.322		708+57.5		70857.5	8 IN	X56	XR	48.630019	103.579495	2130.80	2125.60	5.20	FBE	50.2	50.8	SC1207-86	SC1215-88		
3/4/2014	1706	SC1207-86	50.2	SM1590	0.322		709+07.7		70907.7	8 IN	X56	XR	48.629912	103.579365	2130.20	2124.90	5.30	FBE	50.2	50.2	NC0744-98	NC0746-81		
3/4/2014	1707	NC0744-98	50.2	SM1591	0.322		709+57.9		70957.9	8 IN	X56	XR	48.629805	103.579235	2129.00	2123.60	5.40	FBE	50.3	50.2	SC1215-90	SC1207-86		
3/4/2014	1708	SC1215-90	50.3	SM1592	0.322		710+08.2		71008.2	8 IN	X56	XR	48.629698	103.579103	2128.80	2122.90	5.90	FBE	50.1	50.2	SC1213-83	NC0744-98		
3/4/2014	1709	SC1213-83	50.1	SM1593	0.322		710+58.3		71058.3	8 IN	X56	XR	48.629591	103.578973	2129.00	2123.40	5.60	FBE	50.3	50.3	NC0742-78	SC1215-90		
3/4/2014	1710	NC0742-78	50.3	SM1594	0.322		711+08.6		71108.6	8 IN	X56	XR	48.629485	103.578841	2128.80	2123.60	5.20	FBE	50.0	50.1	NC0742-78	SC1213-83		
3/4/2014	1711	NC0742-78	50.0	SM1595	0.322		711+58.5		71158.5	8 IN	X56	XR	48.629379	103.578710	2127.10	2121.50	5.60	FBE	50.1	50.3	SC1213-83	NC0742-78		
3/4/2014	1712	SC1213-83	50.1	SM1596	0.322		712+08.7		71208.7	8 IN	X56	XR	48.629274	103.578577	2124.00	2119.00	5.00	FBE	50.4	50.0	NC0742-78	NC0742-78		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS Petroleum Field Services, LLC, 7535 Hilltop Circle, Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 195	SHEET No. 95 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1713	NC0742-78	50.4	SM1597	0.322		712+59.0		71259.0	8 IN	X56	XR	48.629168	103.578444	2121.80	2116.60	5.20	FBE	50.5	50.1	SC1209-97	SC1213-83		
3/4/2014	1714	SC1209-97	50.5	SM1598	0.322		713+09.6		71309.6	8 IN	X56	XR	48.629061	103.578311	2118.70	2113.20	5.50	FBE	49.9	50.4	SC1215-80	NC0742-78		
3/4/2014	1715	SC1215-80	49.9	SM1599	0.322		713+59.5		71359.5	8 IN	X56	XR	48.628956	103.578179	2115.60	2110.00	5.60	FBE	50.2	50.5	NC0741-92	SC1209-97		
3/4/2014	1716	NC0741-92	50.2	SM1600	0.322		714+09.7		71409.7	8 IN	X56	XR	48.628851	103.578047	2113.20	2107.70	5.50	FBE	50.3	49.9	SC1207-84	SC1215-80		
3/4/2014	1717	SC1207-84	50.3	SM1601	0.322		714+60.0		71460.0	8 IN	X56	XR	48.628743	103.577918	2109.20	2104.10	5.10	FBE	50.4	50.2	NC0742-78	NC0741-92		
3/4/2014	1718	NC0742-78	50.4	SM1602	0.322		715+10.4		71510.4	8 IN	X56	XR	48.628636	103.577787	2105.90	2100.30	5.60	FBE	49.8	50.3	SC1214-89	SC1207-84		
3/4/2014	1719	SC1214-89	49.8	SM1603	0.322		715+60.2		71560.2	8 IN	X56	XR	48.628529	103.577658	2105.10	2099.40	5.70	FBE	51.0	50.4	NC0741-92	NC0742-78		
3/4/2014	1720	NC0741-92	51.0	SM1604	0.322		716+11.2		71611.2	8 IN	X56	XR	48.628422	103.577523	2104.70	2099.30	5.40	FBE	50.6	49.8	NC0741-92	SC1214-89		
3/4/2014	1721	NC0741-92	50.6	SM1605	0.322		716+61.8		71661.8	8 IN	X56	XR	48.628314	103.577392	2104.00	2098.80	5.20	FBE	49.8	51.0	SC1214-89	NC0741-92		
3/4/2014	1722	SC1214-89	49.8	SM1606	0.322		717+11.6		71711.6	8 IN	X56	XR	48.628208	103.577263	2104.30	2099.10	5.20	FBE	50.2	50.6	NC0746-87	NC0741-92		
3/4/2014	1723	NC0746-87	50.2	SM1607	0.322		717+61.9	P.I. < 4°33'21" RT.	71761.9	8 IN	X56	XR	48.628101	103.577132	2105.10	2099.60	5.50	FBE	49.7	49.8	SC1214-89	SC1214-89		
3/4/2014	1724	SC1214-89	49.7	SM1608	0.322		718+11.5		71811.5	8 IN	X56	XR	48.627995	103.577003	2106.80	2101.40	5.40	FBE	50.5	50.2	SC1207-86	NC0746-87		
3/4/2014	1725	SC1207-86	50.5	SM1609	0.322		718+62.0		71862.0	8 IN	X56	XR	48.627888	103.576871	2109.50	2104.20	5.30	FBE	50.2	49.7	NC0742-78	SC1214-89		
3/4/2014	1726	NC0742-78	50.2	SM1610	0.322		719+12.2		71912.2	8 IN	X56	XR	48.627783	103.576738	2112.20	2107.10	5.10	FBE	50.3	50.5	NC0742-78	SC1207-86		
3/4/2014	1727	NC0742-78	50.3	SM1611	0.322		719+62.5		71962.5	8 IN	X56	XR	48.627675	103.576608	2114.60	2109.20	5.40	FBE	50.8	50.2	NC0741-92	NC0742-78		
3/4/2014	1728	NC0741-92	50.8	SM1612	0.322		720+13.4		72013.4	8 IN	X56	XR	48.627567	103.576475	2116.10	2110.50	5.60	FBE	50.0	50.3	SC1207-66	NC0742-78		
3/4/2014	1729	SC1207-66	50.0	SM1613	0.322		720+63.4		72063.4	8 IN	X56	XR	48.627462	103.576343	2117.70	2112.20	5.50	FBE	50.3	50.8	SC1215-72	NC0741-92		
3/4/2014	1730	SC1215-72	50.3	SM1614	0.322		721+13.7		72113.7	8 IN	X56	XR	48.627354	103.576213	2118.20	2112.70	5.50	FBE	50.6	50.0	SC1215-73	SC1207-66		
3/4/2014	1731	SC1215-73	50.6	SM1615	0.322		721+64.3		72164.3	8 IN	X56	XR	48.627246	103.576083	2117.70	2112.60	5.10	FBE	50.2	50.3	NC0743-68	SC1215-72		
3/4/2014	1732	NC0743-68	50.2	SM1616	0.322		722+14.5		72214.5	8 IN	X56	XR	48.627139	103.575952	2116.60	2111.20	5.40	FBE	50.2	50.6	SC1215-72	SC1215-73		
3/4/2014	1733	SC1215-72	50.2	SM1617	0.322		722+64.6		72264.6	8 IN	X56	XR	48.627031	103.575823	2114.90	2109.60	5.30	FBE	50.3	50.2	SC1213-74	NC0743-68		
3/4/2014	1734	SC1213-74	50.3	SM1618	0.322		723+15.0		72315.0	8 IN	X56	XR	48.626923	103.575695	2112.10	2107.10	5.00	FBE	50.4	50.2	SC1207-84	SC1215-72		
3/4/2014	1735	SC1207-84	50.4	SM1619	0.322		723+65.4		72365.4	8 IN	X56	XR	48.626814	103.575567	2109.60	2104.40	5.20	FBE	49.8	50.3	SC1214-79	SC1213-74		
3/4/2014	1736	SC1214-79	49.8	SM1620	0.322		724+15.1	P.I. < 3°45'23" RT.	72415.1	8 IN	X56	XR	48.626710	103.575434	2107.80	2103.10	4.70	FBE	49.5	50.4	TC1211-69	SC1207-84		
3/4/2014	1737	TC1211-69	49.5	SMT216	0.322		724+64.6	P.I. < 2°39'41" LT.	72464.6	8 IN	X56	XR	48.626603	103.575309	2109.00	2103.60	5.40	FBE	50.1	49.8	NC0743-68	SC1214-79		
3/4/2014	1738	NC0743-68	50.1	SM1621	0.322		725+14.7		72514.7	8 IN	X56	XR	48.626498	103.575175	2111.90	2104.40	7.50	FBE	50.1	49.5	SC1213-65	TC1211-69		
3/4/2014	1741	SC1213-65	50.1	SMT217	0.322		725+64.8	P.I. < 2°16'52" RT.	72564.8	8 IN	X56	XR	48.626396	103.575037	2112.80	2108.00	4.80	FBE	50.2	50.1	SC1213-65	NC0743-68		
3/4/2014	1739	SC1213-65	50.2	SM1622	0.322		726+15.0		72615.0	8 IN	X56	XR	48.626290	103.574904	2112.70	2107.70	5.00	FBE	49.9	50.1	SC1215-72	SC1213-65		
3/4/2014	1740	SC1215-72	49.9	SM1623	0.322		726+64.9	P.I. < 2°53'32" LT.	72664.9	8 IN	X56	XR	48.626184	103.574776	2110.70	2105.30	5.40	FBE	50.1	50.2	SC1212-128	SC1213-65		
3/4/2014	1742	SC1212-128	50.1	SM1624	0.322		727+15.0		72715.0	8 IN	X56	XR	48.626077	103.574645	2111.40	2106.00	5.40	FBE	49.8	49.9	SC1215-13	SC1215-72		
3/4/2014	1743	SC1215-13	49.8	SM1625	0.322		727+64.8		72764.8	8 IN	X56	XR	48.625973	103.574513	2112.20	2106.70	5.50	FBE	50.3	50.1	SC1215-80	SC1212-128		
3/4/2014	1744	SC1215-80	50.3	SM1626	0.322		728+15.2		72815.2	8 IN	X56	XR	48.625866	103.574381	2111.40	2105.80	5.60	FBE	50.0	49.8	SC1207-82	SC1215-13		
3/4/2014	1745	SC1207-82	50.0	SM1627	0.322		728+65.2		72865.2	8 IN	X56	XR	48.625760	103.574250	2110.10	2104.50	5.60	FBE	50.1	50.3	NC0746-81	SC1215-80		
3/4/2014	1746	NC0746-81	50.1	SM1628	0.322		729+15.2		72915.2	8 IN	X56	XR	48.625653	103.574119	2111.00	2105.30	5.70	FBE	50.7	50.0	NC0745-77	SC1207-82		
3/4/2014	1747	NC0745-77	50.7	SM1629	0.322		729+65.9		72965.9	8 IN	X56	XR	48.625548	103.573982	2112.20	2106.50	5.70	FBE	51.4	50.1	SC1214-79	NC0746-81		
3/4/2014	1748	SC1214-79	51.4	SM1630	0.322		730+17.3		73017.3	8 IN	X56	XR	48.625439	103.573850	2106.80	2101.10	5.70	FBE	50.7	50.7	NC0745-77	NC0746-81		
3/4/2014	1749	SC1207-82	50.7	SM1631	0.322		730+68.0		73068.0	8 IN	X56	XR	48.625331	103.573720	2100.70	2095.70	5.00	FBE	47.8	51.4	NC0746-81	SC1214-79		
3/4/2014	1750	NC0746-81	47.8	SM1632	0.322		731+15.8		73115.8	8 IN	X56	XR	48.625230	103.573596	2096.40	2091.60	4.80	FBE	50.3	50.7	SC1207-82	SC1207-82		
3/4/2014	1751	SC1207-82	50.3	SM1633	0.322		731+66.1		73166.1	8 IN	X56	XR	48.625123	103.573465	2092.40	2087.90	4.50	FBE	50.2	47.8	SC1207-82	NC0746-81		
3/4/2014	1752	SC1207-82	50.2	SM1634	0.322		732+16.3		73216.3	8 IN	X56	XR	48.625016	103.573336	2089.90	2085.20	4.70	FBE	50.2	50.3	NC0746-81	SC1207-82		
3/4/2014	1753	NC0746-81	50.2	SM1635	0.322		732+66.6		73266.6	8 IN	X56	XR	48.624909	103.573205	2089.90	2085.30	4.60	FBE	49.8	50.2	NC0746-81	SC1207-82		
3/4/2014	1754	NC0746-81	49.8	SM1636	0.322		733+16.4		73316.4	8 IN	X56	XR	48.624804	103.573074	2091.00	2086.20	4.80	FBE	50.3	50.2	NC0746-81	NC0746-81		
3/4/2014	1755	NC0746-81	50.3	SM1637	0.322		733+66.7		73366.7	8 IN	X56	XR	48.624697	103.572942	2092.40	2086.80	5.60	FBE	50.3	49.8	NC0746-81	NC0746-81		
3/4/2014	1756	NC0746-81	50.3	SM1638	0.322		734+17.0		73417.0	8 IN	X56	XR	48.624590	103.572812	2087.50	2082.90	4.60	FBE	50.3	50.3	SC1207-84	NC0746-81		
3/4/2014	1757	SC1207-84	50.3	SM1639	0.322		734+67.3		73467.3	8 IN	X56	XR	48.624482	103.572682	2087.90	2081.10	6.80	FBE	50.1	50.3	NC0744-100	NC0746-81		
3/4/2014	1758	NC0744-100	50.1	SM1640	0.322		735+17.4		73517.4	8 IN	X56	XR	48.624376	103.572552	2087.50	2082.00	5.50	FBE	50.4	50.3	NC0745-99	SC1207-84		
3/4/2014	1759	NC0745-99	50.4	SM1641	0.322		735+67.8		73567.8	8 IN	X56	XR	48.624268	103.572421	2087.90	2082.80	5.10	FBE	50.4	50.1	NC0741-92	NC0744-100		
3/4/2014	1760	NC0741-92	50.4	SM1642	0.322		736+18.1		73618.1	8 IN	X56	XR	48.624161	103.572289	2087.50	2082.00	5.50	FBE	50.3	50.4	NC0742-78	NC0745-99		
3/4/2014	1761	NC0742-78	50.3	SM1643	0.322		736+68.4		73668.4	8 IN	X56	XR	48.624055	103.572157	2086.60	2081.10	5.50	FBE	50.3	50.4	NC0741-92	NC0741-92		
3/4/2014	1762	NC0741-92	50.3	SM1644	0.322		737+18.7		73718.7	8 IN	X56	XR	48.623950	103.572023	2085.10	2080.10	5.00	FBE	50.3	50.3	NC0748-149	NC0742-78		
3/4/2014	1763	NC0748-149	50.3	SM1645	0.322		737+69.1		73769.1	8 IN	X56	XR	48.623844	103.571889	2082.00	2076.80	5.20	FBE	50.2	50.3	NC0746-81	NC0741-92		
3/4/2014	1764	NC0746-81	50.2	SM1646	0.322		738+19.2		73819.2	8 IN	X56	XR	48.623738	103.571759	2075.80	2071.40	4.40	FBE	50.1	50.3	NC0748-134	NC0748-149		
3/4/2014	1765	NC0748-134	50.1	SM1647	0.322		738+69.3		73869.3	8 IN	X56	XR	48.623632	103.571628	2073.70	2068.60	5.10	FBE	34.0	50.2	NC0744-152	NC0746-81		
3/4/2014	1766	NC0744-152	34.0	SM1648	0.322		739+03.3		73903.3	8 IN	X56	XR	48.623560	103.571539	2074.20	2069.00	5.20	FBE	50.1	50.1	NC0748-135	NC0748-134		
3/4/2014	1767	NC0748-135	50.1	SM1649	0.322		739+53.5		73953.5	8 IN	X56	XR	48.623453	103.571408	2075.70	2070.90	4.80	FBE	50.3	34.0	NC0744-152	NC0744-152		
3/4/2014	1768	NC0744-152	50.3	SM1650	0.322		740+03.7		74003.7	8 IN	X56	XR	48.623346	103.571279	2077.70	2072.40	5.30	FBE	50.3	50.1	SC1215-72	NC0748-135		
3/4/2014	1769	SC1215-72	50.3	SM1651	0.322		740+54.1		74054.1	8 IN	X56	XR	48.623238	103.571148	2077.00	2071.60	5.40	FBE	49.9	50.3	NC0741-92	NC0744-152		
3/4/2014	1770	NC0741-92	49.9	SM1652	0.322		741+04.0		74104.0	8 IN	X56	XR	48.623132	103.571018	2074.00	2068.70	5.30	FBE	50.2	50.3	NC0749-150	SC1215-72		
3/4/2014	1771	NC0749-150	50.2	SM1653	0.322		741+54.2		74154.2	8 IN	X56	XR	48.623025	103.570889	2072.60	2067.80	4.80	FBE	50.2	49.9	NC0746-137	NC0741-92		
3/4/2014	1772	NC0746-137	50.2	SM1654	0.322		742+04.4		74204.4	8 IN	X56	XR	48.622919	103.570757	2072.40	2067.90	4.50	FBE	49.4	50.2	SC1214-148	NC0749-150		
3/4/2014	1773	SC1214-148	49.4	SM1655	0.322		742+53.8		74253.8	8 IN	X56	XR	48.622815	103.570626	2073.10	2068.70	4.40	FBE	50.2	50.2	SC1214-148	NC0746-137		
3/4/2014	1774	SC1214-148	50.2	SM1656	0.322		743+04.0		74304.0	8 IN	X56	XR	48.622711	103.570491	2074.90	2070.50	4.40	FBE	50.4	49.4	NC0748-144	SC1214-148		
3/4/2014	1775	NC0748-144	50.4	SMT218	0.322		743+54.3		74354.3	8 IN	X56	XR	48.622605	103.570356	2075.80	2071.70	4.10	FBE	48.8	50.2	SC1215-72	SC1214-148		
3/4/2014	1776	SC1215-72	48.8	SM1656	0.322		744+03.2		74403.2	8 IN	X56	XR	48.622502	103.570228	2077.40	2072.10	5.30	FBE	50.1	50.4	SC1215-72	NC0748-144		
3/4/2014	1777	SC1215-72	50.1	SM1657	0.322		744+53.3		74453.3	8 IN	X56	XR	48.622395	103.570098	2078.70	2073.70	5.00	FBE	49.8	48.8	NC0750-103	SC1215-72		
3/4/2014	1778	NC0750-103	49.8	SM1658	0.322		745+03.1		74503.1	8 IN	X56	XR	48.622288	103.569970	2081.90	2076.10	5.80	FBE	50.3	50.1	NC0748-144	SC1215-72		
3/4/2014	1779	NC0748-144	50.3	SM1659	0.322		745+53.4		74553.4	8 IN	X56	XR	48.622173	103.569855	2082.30	2077.30	5.00	FBE	50.4	49.8	NC0749-146	NC0750-103		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 196	SHEET No. 96 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1780	NC0749-146	50.4	SM1660	0.322		746+03.8		74603.8	8 IN	X56	XR	48.622056	103.569745	2081.90	2076.90	5.00	FBE	46.9	50.3	SC1213-74	NC0748-144		
3/4/2014	1781	SC1213-74	46.9	SM1661	0.322		746+50.7		74650.7	8 IN	X56	XR	48.621947	103.569644	2081.30	2076.20	5.10	FBE	50.2	50.4	SC1213-74	NC0749-146		
3/4/2014	1782	SC1213-74	50.2	SM1662	0.322		747+00.9		74700.9	8 IN	X56	XR	48.621830	103.569535	2080.30	2074.80	5.50	FBE	50.3	46.9	SC1215-72	SC1213-74		
3/4/2014	1783	SC1215-72	50.3	SM1663	0.322		747+51.2		74751.2	8 IN	X56	XR	48.621712	103.569426	2080.40	2075.00	5.40	FBE	41.4	50.2	SC1212-60	SC1213-74		
3/4/2014	1784	SC1212-60	41.4	SM1664	0.322		747+92.6		74792.6	8 IN	X56	XR	48.621616	103.569336	2081.20	2075.90	5.30	FBE	50.3	50.3	SC1215-72	SC1215-72		
3/4/2014	1785	SC1215-72	50.3	SM1665	0.322		748+42.9		74842.9	8 IN	X56	XR	48.621499	103.569226	2084.80	2079.00	5.80	FBE	50.2	41.4	NC0746-81	SC1212-60		
3/4/2014	1786	NC0746-81	50.2	SM1666	0.322		748+93.1		74893.1	8 IN	X56	XR	48.621383	103.569115	2086.30	2080.50	5.80	FBE	50.3	50.3	SC1213-74	SC1215-72		
3/4/2014	1787	SC1213-74	50.3	SM1667	0.322		749+43.4		74943.4	8 IN	X56	XR	48.621266	103.569005	2084.70	2079.60	5.10	FBE	50.2	50.2	TC1211-69	NC0746-81		
3/4/2014	1788	TC1211-69	50.2	SM1668	0.322		749+93.6		74993.6	8 IN	X56	XR	48.621149	103.568895	2086.30	2081.20	5.10	FBE	50.4	50.3	SC1213-74	SC1213-74		
3/4/2014	1789	SC1213-74	50.4	SM1669	0.322		750+43.9		75043.9	8 IN	X56	XR	48.621032	103.568785	2089.30	2084.00	5.30	FBE	50.2	50.2	TC1211-69	TC1211-69		
3/4/2014	1790	TC1211-69	50.2	SM1670	0.322		750+94.1		75094.1	8 IN	X56	XR	48.620916	103.568675	2092.00	2086.40	5.60	FBE	50.0	50.4	TC1211-71	SC1213-74		
3/4/2014	1791	TC1211-71	50.0	SM1671	0.322		751+44.1		75144.1	8 IN	X56	XR	48.620800	103.568565	2093.60	2088.10	5.50	FBE	50.3	50.2	NC0743-68	TC1211-69		
3/4/2014	1792	NC0743-68	50.3	SM1672	0.322		751+94.4		75194.4	8 IN	X56	XR	48.620683	103.568455	2094.70	2089.20	5.50	FBE	50.3	50.0	NC0743-68	TC1211-71		
3/4/2014	1793	NC0743-68	50.3	SM1673	0.322		752+44.7		75244.7	8 IN	X56	XR	48.620567	103.568344	2097.10	2091.50	5.60	FBE	50.1	50.3	TC1211-71	NC0743-68		
3/4/2014	1794	TC1211-71	50.1	SM1674	0.322		752+94.8		75294.8	8 IN	X56	XR	48.620450	103.568234	2099.80	2094.20	5.60	FBE	49.9	50.3	TC1211-71	NC0743-68		
3/4/2014	1795	TC1211-71	49.9	SM1675	0.322		753+44.7		75344.7	8 IN	X56	XR	48.620334	103.568125	2101.10	2095.70	5.40	FBE	50.3	50.1	SC1214-76	TC1211-71		
3/4/2014	1796	SC1214-76	50.3	SM1676	0.322		753+95.1		75395.1	8 IN	X56	XR	48.620218	103.568014	2101.60	2096.50	5.10	FBE	50.2	49.9	TC1211-105	TC1211-71		
3/4/2014	1797	TC1211-105	50.2	SM1677	0.322		754+45.2		75445.2	8 IN	X56	XR	48.620102	103.567903	2102.20	2096.70	5.50	FBE	50.3	50.3	SC1207-86	SC1214-76		
3/4/2014	1798	SC1207-86	50.3	SM1678	0.322		754+95.5		75495.5	8 IN	X56	XR	48.619984	103.567793	2102.20	2096.70	5.50	FBE	50.3	50.2	SC1207-86	TC1211-105		
3/4/2014	1799	SC1207-86	50.3	SM1679	0.322		755+45.8		75545.8	8 IN	X56	XR	48.619867	103.567684	2103.50	2098.20	5.30	FBE	50.3	50.3	NC0749-85	SC1207-86		
3/4/2014	1800	NC0749-85	50.3	SM1680	0.322		755+96.1		75596.1	8 IN	X56	XR	48.619750	103.567574	2105.50	2100.10	5.40	FBE	49.6	50.3	SC1207-84	SC1207-86		
3/4/2014	1801	SC1207-84	49.6	SM1681	0.322		756+45.7		75645.7	8 IN	X56	XR	48.619636	103.567465	2107.90	2102.50	5.40	FBE	50.3	50.3	NC0748-161	NC0749-85		
3/4/2014	1802	NC0748-161	50.3	SM1682	0.322		756+95.9		75695.9	8 IN	X56	XR	48.619519	103.567354	2111.10	2105.80	5.30	FBE	49.9	49.6	SC1215-75	SC1207-84		
3/4/2014	1803	SC1215-75	49.9	SM1683	0.322		757+45.9		75745.9	8 IN	X56	XR	48.619404	103.567245	2114.80	2109.50	5.30	FBE	50.3	50.3	NC0749-67	NC0748-161		
3/4/2014	1804	NC0749-67	50.3	SM1684	0.322		757+96.1		75796.1	8 IN	X56	XR	48.619287	103.567134	2118.00	2112.50	5.50	FBE	39.0	49.9	SC1215-88	SC1215-75		
3/4/2014	1805	SC1215-88	39.0	SM1685	0.322		758+35.1		75835.1	8 IN	X56	XR	48.619197	103.567048	2120.10	2114.60	5.50	FBE	50.3	50.3	NC0746-87	NC0749-67		
3/4/2014	1806	NC0746-87	50.3	SM1686	0.322		758+85.5		75885.5	8 IN	X56	XR	48.619080	103.566938	2121.80	2116.50	5.30	FBE	50.2	39.0	SC1213-83	SC1215-88		
3/4/2014	1807	SC1213-83	50.2	SM1687	0.322		759+35.7		75935.7	8 IN	X56	XR	48.618963	103.566829	2122.80	2117.40	5.40	FBE	50.3	50.3	SC1207-84	NC0746-87		
3/4/2014	1808	SC1207-84	50.3	SM1688	0.322		759+86.0		75986.0	8 IN	X56	XR	48.618846	103.566720	2123.30	2117.70	5.60	FBE	50.3	50.2	NC0741-95	SC1213-83		
3/4/2014	1809	NC0741-95	50.3	SM1689	0.322		760+36.3		76036.3	8 IN	X56	XR	48.618729	103.566610	2123.50	2118.30	5.20	FBE	50.3	50.3	NC0746-87	SC1207-84		
3/4/2014	1810	NC0746-87	50.3	SM1690	0.322		760+86.6		76086.6	8 IN	X56	XR	48.618612	103.566500	2121.40	2115.80	5.60	FBE	50.4	50.3	SC1209-91	NC0741-95		
3/4/2014	1811	SC1209-91	50.4	SM1691	0.322		761+37.0		76137.0	8 IN	X56	XR	48.618495	103.566391	2116.80	2111.40	5.40	FBE	50.2	50.3	SC1215-75	NC0746-87		
3/4/2014	1812	SC1215-75	50.2	SM1692	0.322		761+87.3		76187.3	8 IN	X56	XR	48.618377	103.566283	2113.30	2107.70	5.60	FBE	50.4	50.4	NC0749-67	SC1209-91		
3/4/2014	1813	NC0749-67	50.4	SM1693	0.322		762+37.6		76237.6	8 IN	X56	XR	48.618260	103.566175	2111.50	2105.80	5.70	FBE	35.5	50.2	NC0744-100	SC1215-75		
3/4/2014	1814	NC0744-100	35.5	SM1694	0.322		762+73.1		76273.1	8 IN	X56	XR	48.618177	103.566097	2110.30	2104.80	5.50	FBE	50.3	50.4	NC0749-85	NC0749-67		
3/4/2014	1815	NC0749-85	50.3	SM1695	0.322		763+23.5		76323.5	8 IN	X56	XR	48.618060	103.565987	2109.10	2104.10	5.00	FBE	50.2	35.5	SC1213-83	NC0744-100		
3/4/2014	1816	SC1213-83	50.2	SM1696	0.322		763+73.7		76373.7	8 IN	X56	XR	48.617943	103.565878	2109.60	2104.50	5.10	FBE	50.3	50.3	SC1213-83	NC0749-85		
3/4/2014	1817	SC1213-83	50.3	SM1697	0.322		764+24.0		76424.0	8 IN	X56	XR	48.617826	103.565768	2111.50	2105.70	5.80	FBE	49.8	50.2	SC1215-90	SC1213-83		
3/4/2014	1818	SC1215-90	49.8	SM1698	0.322		764+73.7		76473.7	8 IN	X56	XR	48.617711	103.565658	2115.30	2110.20	5.10	FBE	49.9	50.3	SC1215-88	SC1213-83		
3/4/2014	1819	SC1215-88	49.9	SM1699	0.322		765+23.7		76523.7	8 IN	X56	XR	48.617597	103.565546	2121.00	2115.70	5.30	FBE	50.7	49.8	NC0745-77	SC1215-90		
3/4/2014	1820	NC0745-77	50.7	SM1700	0.322		765+74.4		76574.4	8 IN	X56	XR	48.617479	103.565435	2120.90	2115.20	5.70	FBE	50.3	49.9	NC0750-103	SC1215-88		
3/4/2014	1821	NC0750-103	50.3	SM1701	0.322		766+24.7		76624.7	8 IN	X56	XR	48.617362	103.565326	2118.70	2113.60	5.10	FBE	50.3	50.7	SC1207-82	NC0745-77		
3/4/2014	1822	SC1207-82	50.3	SM1702	0.322		766+74.9		76674.9	8 IN	X56	XR	48.617246	103.565218	2123.30	2117.90	5.40	FBE	50.3	50.3	NC0749-85	NC0750-103		
3/4/2014	1823	NC0749-85	50.3	SM1703	0.322		767+25.3		76725.3	8 IN	X56	XR	48.617129	103.565108	2125.80	2120.60	5.20	FBE	50.2	50.3	SC1215-88	SC1207-82		
3/4/2014	1824	SC1215-88	50.2	SM1704	0.322		767+75.5		76775.5	8 IN	X56	XR	48.617013	103.564996	2128.70	2122.30	6.40	FBE	50.4	50.3	SC1215-90	NC0749-85		
3/4/2014	1825	SC1215-90	50.4	SM1705	0.322		768+25.9		76825.9	8 IN	X56	XR	48.616897	103.564883	2128.40	2123.10	5.30	FBE	50.3	50.2	SC1215-88	SC1215-88		
3/4/2014	1826	SC1215-88	50.3	SM1706	0.322		768+76.1		76876.1	8 IN	X56	XR	48.616781	103.564771	2128.70	2123.30	5.40	FBE	50.4	50.4	SC1215-90	SC1215-90		
3/4/2014	1827	SC1215-90	50.4	SM1707	0.322		769+26.5		76926.5	8 IN	X56	XR	48.616664	103.564661	2129.20	2122.60	6.60	FBE	50.3	50.3	SC1215-90	SC1215-88		
3/4/2014	1828	SC1215-90	50.3	SM1708	0.322		769+76.8		76976.8	8 IN	X56	XR	48.616546	103.564551	2128.00	2122.30	5.70	FBE	49.9	50.4	NC0749-85	SC1215-90		
3/4/2014	1829	NC0749-85	49.9	SM1709	0.322		770+26.7		77026.7	8 IN	X56	XR	48.616430	103.564442	2129.20	2123.60	5.60	FBE	50.2	50.3	NC0750-103	SC1215-90		
3/4/2014	1830	NC0750-103	50.2	SM1710	0.322		770+76.9		77076.9	8 IN	X56	XR	48.616314	103.564332	2131.20	2126.10	5.10	FBE	50.3	49.9	SC1207-84	NC0749-85		
3/4/2014	1831	SC1207-84	50.3	SM1711	0.322		771+27.3		77127.3	8 IN	X56	XR	48.616197	103.564221	2132.60	2127.50	5.10	FBE	50.2	50.2	SC1215-88	NC0750-103		
3/4/2014	1832	SC1215-88	50.2	SM1712	0.322		771+77.5		77177.5	8 IN	X56	XR	48.616080	103.564111	2133.30	2128.30	5.00	FBE	50.3	50.3	SC1215-88	SC1207-84		
3/4/2014	1833	SC1215-88	50.3	SM1713	0.322		772+27.9		77227.9	8 IN	X56	XR	48.615963	103.564001	2134.80	2129.70	5.10	FBE	49.9	50.2	SC1207-82	SC1215-88		
3/4/2014	1834	SC1207-82	49.9	SM1714	0.322		772+77.8		77277.8	8 IN	X56	XR	48.615847	103.563892	2136.30	2131.10	5.20	FBE	50.3	50.3	SC1207-84	SC1215-88		
3/4/2014	1835	SC1207-84	50.3	SM1715	0.322		773+28.0		77328.0	8 IN	X56	XR	48.615731	103.563781	2138.10	2133.10	5.00	FBE	49.0	49.9	NC0746-87	SC1207-82		
3/4/2014	1836	NC0746-87	49.0	SM1716	0.322		773+77.0		77377.0	8 IN	X56	XR	48.615618	103.563672	2139.40	2134.40	5.00	FBE	50.3	50.3	TC1211-69	SC1207-84		
3/4/2014	1837	TC1211-69	50.3	SM1717	0.322		774+27.3		77427.3	8 IN	X56	XR	48.615503	103.563558	2139.90	2134.90	5.00	FBE	50.2	49.0	SC12174-148	NC0746-87		
3/4/2014	1838	SC12174-148	50.2	SM1718	0.322		774+77.5		77477.5	8 IN	X56	XR	48.615386	103.563447	2139.20	2134.20	5.00	FBE	50.3	50.3	TC1211-153	TC1211-69		
3/4/2014	1839	TC1211-153	50.3	SM1719	0.322		775+27.8		77527.8	8 IN	X56	XR	48.615269	103.563338	2137.10	2131.90	5.20	FBE	50.1	50.2	SC1213-83	SC12174-148		
3/4/2014	1840	SC1213-83	50.1	SM1720	0.322		775+77.9		77577.9	8 IN	X56	XR	48.615152	103.563230	2134.70	2129.50	5.20	FBE	50.3	50.3	SC1215-80	TC1211-153		
3/4/2014	1841	SC1215-80	50.3	SM1721	0.322		776+28.3		77628.3	8 IN	X56	XR	48.615034	103.563122	2133.60	2128.30	5.30	FBE	49.4	50.1	NC0748-144	SC1213-83		
3/4/2014	1842	NC0748-144	49.4	SM1722	0.322		776+77.6		77677.6	8 IN	X56	XR	48.614919	103.563014	2133.20	2127.70	5.50	FBE	50.4	50.3	NC0748-144	SC1215-80		
3/4/2014	1843	NC0748-144	50.4	SM1723	0.322		777+28.1		77728.1	8 IN	X56	XR	48.614802	103.562905	2134.40	2128.30	6.10	FBE	50.0	49.4	NC0749-138	NC0748-144		
3/4/2014	1844	NC0749-138	50.0	SM1724	0.322		777+78.1		77778.1	8 IN	X56	XR	48.614685	103.562797	2133.30	2128.50	4.80	FBE	50.3	50.4	SC1213-101	NC0748-144		
3/4/2014	1845	SC1213-101	50.3	SM1725	0.322		778+28.4		77828.4	8 IN	X56	XR	48.614567	103.562688	2134.40	2129.00	5.40	FBE	50.4	50.0	NC0748-140	NC0749-138		
3/4/2014	1846	NC0748-140	50.4	SM1726	0.322		778+78.8		77878.8	8 IN	X56	XR	48.614450	103.562578	2136.50	2131.30	5.20	FBE	50.2	50.3	NC0748-140	SC1213-101		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 197	SHEET No. 97 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1847	NC0748-140	50.2	SM1727	0.322		779+29.0		77929.0	8 IN	X56	XR	48.614333	103.562468	2136.40	2131.30	5.10	FBE	49.6	50.4	NC0744-145	NC0748-140		
3/4/2014	1848	NC0744-145	49.6	SM1728	0.322		779+78.6		77978.6	8 IN	X56	XR	48.614218	103.562359	2136.00	2130.80	5.20	FBE	50.3	50.2	TC1211-153	NC0748-140		
3/4/2014	1849	TC1211-153	50.3	SM1729	0.322		780+28.9		78028.9	8 IN	X56	XR	48.614102	103.562246	2136.80	2131.40	5.40	FBE	50.3	49.6	TC1211-153	NC0744-145		
3/4/2014	1850	TC1211-153	50.3	SM1730	0.322		780+79.2		78079.2	8 IN	X56	XR	48.613986	103.562134	2138.10	2133.00	5.10	FBE	50.2	50.3	NC0748-144	TC1211-153		
3/4/2014	1851	NC0748-144	50.2	SM1731	0.322		781+29.4		78129.4	8 IN	X56	XR	48.613871	103.562022	2139.60	2135.00	4.60	FBE	50.4	50.3	NC0746-87	TC1211-153		
3/4/2014	1852	NC0746-87	50.4	SM1732	0.322		781+79.8		78179.8	8 IN	X56	XR	48.613755	103.561909	2141.50	2136.50	5.00	FBE	50.2	50.2	SC1209-104	NC0748-144		
3/4/2014	1853	SC1209-104	50.2	SM1733	0.322		782+30.0		78230.0	8 IN	X56	XR	48.613639	103.561797	2142.50	2137.50	5.00	FBE	50.3	50.4	NC0748-144	NC0746-87		
3/4/2014	1854	NC0748-144	50.3	SM1734	0.322		782+80.3		78280.3	8 IN	X56	XR	48.613522	103.561686	2144.00	2139.00	5.00	FBE	49.7	50.2	SC1209-91	SC1209-104		
3/4/2014	1855	SC1209-91	49.7	SM1735	0.322		783+30.0		78330.0	8 IN	X56	XR	48.613407	103.561577	2145.20	2140.50	4.70	FBE	50.2	50.3	NC0746-87	NC0748-144		
3/4/2014	1856	NC0746-87	50.2	SM1736	0.322		783+80.3		78380.3	8 IN	X56	XR	48.613289	103.561470	2146.80	2142.20	4.60	FBE	50.3	49.7	NC0750-103	SC1209-91		
3/4/2014	1857	NC0750-103	50.3	SM1737	0.322		784+30.6		78430.6	8 IN	X56	XR	48.613171	103.561363	2149.20	2144.20	5.00	FBE	50.3	50.2	SC1209-91	NC0746-87		
3/4/2014	1858	SC1209-91	50.3	SM1738	0.322		784+80.9		78480.9	8 IN	X56	XR	48.613058	103.561243	2149.20	2144.50	4.70	FBE	50.3	50.3	NC0749-138	NC0750-103		
3/4/2014	1859	NC0749-138	50.3	SMT219	0.322		785+31.2		78531.2	8 IN	X56	XR	48.612948	103.561118	2150.20	2144.20	6.00	FBE	49.0	50.3	NC0749-138	SC1209-91		
3/4/2014	1860	NC0749-138	49.0	SM1740	0.322		785+80.2	P.I. < 2°28'15" LT.	78580.2	8 IN	X56	XR	48.612841	103.560996	2150.70	2144.10	6.60	FBE	44.6	50.3	NC0749-138	NC0749-138		
3/4/2014	1861	NC0749-138	44.6	SMT220	0.322		786+24.7	P.I. < 2°49'47" RT.	78624.7	8 IN	X56	XR	48.612747	103.560878	2151.40	2145.40	6.00	FBE	50.1	49.0	TC1211-153	NC0749-138		
3/4/2014	1862	TC1211-153	50.1	SM1739	0.322		786+74.9		78674.9	8 IN	X56	XR	48.612637	103.560754	2151.50	2145.70	5.80	FBE	50.4	44.6	NC0747-141	NC0749-138		
3/4/2014	1863	NC0747-141	50.4	SM1741	0.322		787+25.2		78725.2	8 IN	X56	XR	48.612527	103.560629	2151.40	2146.50	4.90	FBE	50.4	50.1	NC0749-146	TC1211-153		
3/4/2014	1864	NC0749-146	50.4	SM1742	0.322		787+75.7		78775.7	8 IN	X56	XR	48.612417	103.560502	2151.50	2146.40	5.10	FBE	50.2	50.4	SC1214-76	NC0747-141		
3/4/2014	1865	SC1214-76	50.2	SM1743	0.322		788+25.9		78825.9	8 IN	X56	XR	48.612308	103.560377	2147.50	2142.40	5.10	FBE	50.1	50.4	NC0748-163	NC0749-146		
3/4/2014	1866	NC0748-163	50.1	SM1744	0.322		788+76.0		78876.0	8 IN	X56	XR	48.612199	103.560252	2145.50	2139.90	5.60	FBE	50.3	50.2	NC0749-67	SC1214-76		
3/4/2014	1867	NC0749-67	50.3	SM1745	0.322		789+26.3		78926.3	8 IN	X56	XR	48.612088	103.560128	2145.70	2140.30	5.40	FBE	43.7	50.1	NC0749-67	NC0748-163		
3/4/2014	1868	NC0749-67	43.7	SM1746	0.322		789+70.0		78970.0	8 IN	X56	XR	48.611991	103.560021	2146.30	2141.00	5.30	FBE	50.4	50.3	SC1210-127	NC0749-67		
3/4/2014	1869	SC1210-127	50.4	SM1747	0.322		790+20.4		79020.4	8 IN	X56	XR	48.611880	103.559897	2147.60	2142.20	5.40	FBE	50.1	43.7	SC1212-128	NC0749-67		
3/4/2014	1870	SC1212-128	50.1	SM1748	0.322		790+70.5		79070.5	8 IN	X56	XR	48.611770	103.559773	2150.00	2144.40	5.60	FBE	50.4	50.4	SC1214-76	SC1210-127		
3/4/2014	1871	SC1214-76	50.4	SM1749	0.322		791+20.9		79120.9	8 IN	X56	XR	48.611660	103.559647	2152.50	2147.00	5.50	FBE	50.1	50.1	SC1215-73	SC1212-128		
3/4/2014	1872	SC1215-73	50.1	SM1750	0.322		791+71.0		79171.0	8 IN	X56	XR	48.611551	103.559524	2156.30	2150.70	5.60	FBE	50.2	50.4	NC0744-64	SC1214-76		
3/4/2014	1873	NC0744-64	50.2	SM1751	0.322		792+21.3		79221.3	8 IN	X56	XR	48.611441	103.559400	2159.60	2153.70	5.90	FBE	50.2	50.1	SC1215-75	SC1215-73		
3/4/2014	1874	SC1215-75	50.2	SM1752	0.322		792+71.4		79271.4	8 IN	X56	XR	48.611330	103.559277	2162.20	2156.30	5.90	FBE	49.7	50.2	SC1212-128	NC0744-64		
3/4/2014	1875	SC1212-128	49.7	SM1753	0.322		793+21.2		79321.2	8 IN	X56	XR	48.611221	103.559154	2165.80	2160.50	5.30	FBE	50.3	50.2	SC1215-75	SC1215-75		
3/4/2014	1876	SC1215-75	50.3	SMT221	0.322		793+71.5		79371.5	8 IN	X56	XR	48.611113	103.559027	2171.30	2166.90	4.40	FBE	36.9	49.7	NC0746-81	SC1212-128		
3/4/2014	1877	NC0746-81	36.9	SMT222	0.322		794+08.4		79408.4	8 IN	X56	XR	48.611034	103.558934	2175.00	2169.80	5.20	FBE	41.2	50.3	D48765	SC1215-75		
3/4/2014	877BR	D48765	41.2	SMB 205		CALCULATED BORE	794+49.6		79449.6		X56	XR	48.610944	103.558832	2175.00	2165.22	9.78	ARO	11.2	36.9	D48763	NC0746-81		NOTE 1
3/4/2014	572BR	D48763	11.2	SMB 117		CALCULATED BORE	794+60.8		79460.8		X56	XR	48.610920	103.558804	2180.90	2164.31	16.59	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	571BR	D48763	41.2	SMB 206		CALCULATED BORE	795+02.0		79502.0		X56	XR	48.610830	103.558701	2183.40	2162.22	21.18	ARO	20.0	11.2	D48763	D48763		NOTE 1
3/4/2014	575BR	D48763	20.0	SMB 207		CALCULATED BORE	795+22.0		79522.0		X56	XR	48.610787	103.558651	2182.40	2161.92	20.48	ARO	11.5	41.2	D48763	D48763		NOTE 1
3/4/2014	573BR	D48763	11.5	SMB 122		CALCULATED BORE	795+33.6		79533.6		X56	XR	48.610762	103.558622	2182.30	2161.95	20.35	ARO	30.0	20.0	D48763	D48763		NOTE 1
3/4/2014	572BR	D48763	30.0	SMB 208		CALCULATED BORE	795+63.5		79563.5		X56	XR	48.610696	103.558547	2181.40	2162.76	18.64	ARO	41.2	11.5	D48765	D48763		NOTE 1
3/4/2014	874BR	D48765	41.2	SMB 209		CALCULATED BORE	796+04.7		79604.7		X56	XR	48.610606	103.558444	2180.60	2165.57	15.03	ARO	41.2	30.0	D48765	D48763		NOTE 1
3/4/2014	875BR	D48765	41.2	SMB 210		CALCULATED BORE	796+45.9		79645.9		X56	XR	48.610517	103.558341	2179.70	2170.34	9.36	ARO	31.5	41.2	D45765	D48765		NOTE 1
3/4/2014	873BR	D45765	31.5	SMT224	0.322		796+77.4	P.I. < 2°10'16" LT.	79677.4	8 IN	X56	XR	48.610449	103.558264	2183.30	2175.30	8.00	ARO	50.2	41.2	NC0745-151	D48765		
3/4/2014	569	NC0745-151	50.2	SM606	0.322		797+27.6		79727.6	8 IN	X56	XR	48.610343	103.558132	2182.50	2177.10	5.40	FBE	10.1	31.5	SC1214-147	D45765		
3/4/2014	570	SC1214-147	10.1	SMT223	0.322		797+37.7		79737.7	8 IN	X56	XR	48.610322	103.558106	2183.20	2177.60	5.60	FBE	47.3	50.2	SC1212-11	NC0745-151		
3/4/2014	860	SC1212-11	47.3	SMT225	0.322		797+85.0	P.I. < 3°17'29" RT.	79785.0	8 IN	X56	XR	48.610219	103.557987	2184.90	2179.60	5.30	FBE	49.9	10.1	TC1211-59	SC1214-147		
3/4/2014	1878	TC1211-59	49.9	SM1754	0.322		798+34.9	P.I. < 2°57'08" LT.	79834.9	8 IN	X56	XR	48.610105	103.557872	2182.50	2177.40	5.10	FBE	44.8	47.3	NC0741-95	SC1212-11		
3/4/2014	1879	NC0741-95	44.8	SM1755	0.322		798+79.8		79879.8	8 IN	X56	XR	48.610007	103.557761	2180.50	2174.80	5.70	FBE	50.2	49.9	SC1207-66	TC1211-59		
3/4/2014	1880	SC1207-66	50.2	SM1756	0.322		799+29.9		79929.9	8 IN	X56	XR	48.609898	103.557636	2178.00	2172.40	5.60	FBE	50.2	44.8	SC1207-82	NC0741-95		
3/4/2014	1881	SC1207-82	50.2	SM1757	0.322		799+80.2		79980.2	8 IN	X56	XR	48.609788	103.557511	2175.90	2170.60	5.30	FBE	50.3	50.2	NC0745-109	SC1207-66		
3/4/2014	1882	NC0745-109	50.3	SM1758	0.322		800+30.5		80030.5	8 IN	X56	XR	48.609677	103.557387	2175.40	2170.50	4.90	FBE	29.0	50.2	SC1213-93	SC1207-82		
3/4/2014	1883	SC1213-93	29.0	SM1759	0.322		800+59.4		80059.4	8 IN	X56	XR	48.609614	103.557314	2175.00	2170.10	4.90	FBE	36.3	50.3	NC0741-95	NC0745-109		
3/4/2014	1884	NC0741-95	36.3	SM1760	0.322		800+95.8		80095.8	8 IN	X56	XR	48.609535	103.557223	2175.10	2169.80	5.30	FBE	49.8	29.0	NC0746-87	SC1213-93		
3/4/2014	1885	NC0746-87	49.8	SM1761	0.322		801+45.6		80145.6	8 IN	X56	XR	48.609427	103.557098	2174.80	2169.60	5.20	FBE	50.4	36.3	NC0745-109	NC0741-95		
3/4/2014	1886	NC0745-109	50.4	SM1762	0.322		801+96.0		80196.0	8 IN	X56	XR	48.609316	103.556973	2173.90	2168.90	5.00	FBE	50.1	49.8	NC0744-100	NC0746-87		
3/4/2014	1887	NC0744-100	50.1	SM1763	0.322		802+46.1		80246.1	8 IN	X56	XR	48.609207	103.556847	2172.70	2167.70	5.00	FBE	50.3	50.4	NC0744-98	NC0745-109		
3/4/2014	1888	NC0744-98	50.3	SM1764	0.322		802+96.4		80296.4	8 IN	X56	XR	48.609097	103.556722	2173.90	2168.50	5.40	FBE	50.3	50.1	SC1215-90	NC0744-100		
3/4/2014	1889	SC1215-90	50.3	SM1765	0.322		803+46.7		80346.7	8 IN	X56	XR	48.608988	103.556596	2178.50	2172.30	6.20	FBE	50.3	50.3	SC1215-73	NC0744-98		
3/4/2014	1890	SC1215-73	50.3	SM1766	0.322		803+97.0		80397.0	8 IN	X56	XR	48.608879	103.556470	2182.90	2177.40	5.50	FBE	50.2	50.3	NC0742-96	SC1215-90		
3/4/2014	1891	NC0742-96	50.2	SM1767	0.322		804+47.2		80447.2	8 IN	X56	XR	48.608771	103.556344	2188.30	2181.40	6.90	FBE	50.4	50.3	TC1211-105	SC1215-73		
3/4/2014	1892	TC1211-105	50.4	SM1768	0.322		804+97.5		80497.5	8 IN	X56	XR	48.608660	103.556219	2188.30	2183.10	5.20	FBE	50.1	50.2	SC1213-74	NC0742-96		
3/4/2014	1893	SC1213-74	50.1	SM1769	0.322		805+47.6		80547.6	8 IN	X56	XR	48.608550	103.556095	2188.30	2182.90	5.40	FBE	49.8	50.4	TC1211-105	TC1211-105		
3/4/2014	1894	TC1211-105	49.8	SM1770	0.322		805+97.4		80597.4	8 IN	X56	XR	48.608442	103.555970	2188.00	2183.00	5.00	FBE	50.3	50.1	SC1209-91	SC1213-74		
3/4/2014	1895	SC1209-91	50.3	SM1771	0.322		806+47.7		80647.7	8 IN	X56	XR	48.608332	103.555844	2188.30	2182.20	6.10	FBE	50.3	49.8	SC1215-90	TC1211-105		
3/4/2014	1896	SC1215-90	50.3	SM1772	0.322		806+98.0		80698.0	8 IN	X56	XR	48.608223	103.555718	2187.70	2181.70	6.00	FBE	50.5	50.3	SC1215-90	SC1209-91		
3/4/2014	1897	SC1215-90	50.5	SM1773	0.322		807+48.5		80748.5	8 IN	X56	XR	48.608110	103.555597	2184.60	2178.90	5.70	FBE	50.1	50.3	SC1209-57	SC1215-90		
3/4/2014	1898	SC1209-57	50.1	SM1774	0.322		807+98.6		80798.6	8 IN	X56	XR	48.607999	103.555477	2179.40	2174.20	5.20	FBE	50.3	50.5	SC1213-74	SC1215-90		
3/4/2014	1899	SC1213-74	50.3	SM1775	0.322		808+48.9		80848.9	8 IN	X56	XR	48.607886	103.555358	2175.90	2170.40	5.50	FBE	33.7	50.1	NC0742-70	SC1209-57		
3/4/2014	1900	NC0742-70	33.7	SM1776	0.322		808+82.6		80882.6	8 IN	X56	XR	48.607811	103.555278	2175.00	2169.40	5.60	FBE	33.4	50.3	NC0743-32	SC1213-74		
3/4/2014	1901	NC0743-32	33.4	SM1777	0.322		809+16.0		80916.0	8 IN	X56	XR	48.607736	103.555198	2174.90	2168.90	6.00	FBE	34.9	33.7	SC1209-44	NC0742-70		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 198	SHEET No. 98 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1902	SC1209-44	34.9	SM1778	0.322		809+50.9		80950.9	8 IN	X56	XR	48.607658	103.555114	2176.20	2170.50	5.70	FBE	50.3	33.4	SC1212-60	NC0743-32		
3/4/2014	1903	SC1212-60	50.3	SM1779	0.322		810+01.2	P.I. < 2°25'40" LT.	81001.2	8 IN	X56	XR	48.607549	103.554990	2181.40	2176.60	4.80	FBE	50.5	34.9	SC1212-60	SC1209-44		
3/4/2014	1904	SC1212-60	50.5	SM1780	0.322		810+51.7		81051.7	8 IN	X56	XR	48.607442	103.554860	2186.60	2181.70	4.90	FBE	50.4	50.3	NC0741-175	SC1212-60		
3/4/2014	1905	NC0741-175	50.4	SM1781	0.322		811+02.1		81102.1	8 IN	X56	XR	48.607335	103.554729	2191.40	2184.60	6.80	FBE	50.2	50.5	NC0745-77	SC1212-60		
3/4/2014	1906	NC0745-77	50.2	SM1782	0.322		811+52.3		81152.3	8 IN	X56	XR	48.607228	103.554598	2192.10	2187.20	4.90	FBE	50.8	50.4	TC1211-71	NC0741-175		
3/4/2014	1907	TC1211-71	50.8	SM1783	0.322		812+03.1		81203.1	8 IN	X56	XR	48.607118	103.554470	2191.40	2186.30	5.10	FBE	28.9	50.2	SC1213-65	NC0745-77		
3/4/2014	1908	SC1213-65	28.9	SM1784	0.322		812+32.0		81232.0	8 IN	X56	XR	48.607056	103.554395	2189.80	2184.60	5.20	FBE	37.9	50.8	SC1214-63	TC1211-71		
3/4/2014	1909	SC1214-63	37.9	SM1785	0.322		812+69.9		81269.9	8 IN	X56	XR	48.606974	103.554301	2187.30	2181.90	5.40	FBE	46.2	28.9	SC1207-66	SC1213-65		
3/4/2014	1910	SC1207-66	46.2	SM1786	0.322		813+16.1		81316.1	8 IN	X56	XR	48.606873	103.554185	2185.70	2179.90	5.80	FBE	50.1	37.9	SC1215-75	SC1214-63		
3/4/2014	1911	SC1215-75	50.1	SM1787	0.322		813+66.1		81366.1	8 IN	X56	XR	48.606763	103.554061	2185.20	2179.70	5.50	FBE	50.5	46.2	SC1207-66	SC1207-66		
3/4/2014	1912	SC1207-66	50.5	SM1788	0.322		814+16.6		81416.6	8 IN	X56	XR	48.606653	103.553936	2185.70	2180.00	5.70	FBE	50.3	50.1	NC0748-161	SC1215-75		
3/4/2014	1913	NC0748-161	50.3	SM1789	0.322		814+66.9		81466.9	8 IN	X56	XR	48.606543	103.553810	2185.20	2179.60	5.60	FBE	49.8	50.5	NC0742-70	SC1207-66		
3/4/2014	1914	NC0742-70	49.8	SM1790	0.322		815+16.6		81516.6	8 IN	X56	XR	48.606434	103.553686	2183.70	2178.10	5.60	FBE	50.2	50.3	SC1213-53	NC0748-161		
3/4/2014	1915	SC1213-53	50.2	SM1791	0.322		815+66.8		81566.8	8 IN	X56	XR	48.606324	103.553561	2182.90	2177.20	5.70	FBE	38.7	49.8	SC1213-53	NC0742-70		
3/4/2014	1916	SC1213-53	38.7	SM1792	0.322		816+05.5		81605.5	8 IN	X56	XR	48.606240	103.553465	2182.40	2176.70	5.70	FBE	50.1	50.2	NC0747-132	SC1213-53		
3/4/2014	1917	NC0747-132	50.1	SM1793	0.322		816+55.6		81655.6	8 IN	X56	XR	48.606130	103.553341	2182.10	2176.40	5.70	FBE	31.9	38.7	SC1209-49	SC1213-53		
3/4/2014	1918	SC1209-49	31.9	SM1794	0.322		816+87.4		81687.4	8 IN	X56	XR	48.606061	103.553261	2181.30	2176.00	5.30	FBE	50.2	50.1	TC1211-71	NC0747-132		
3/4/2014	1919	TC1211-71	50.2	SM1795	0.322		817+37.7		81737.7	8 IN	X56	XR	48.605951	103.553135	2179.70	2175.10	4.60	FBE	50.5	31.9	SC1215-75	SC1209-49		
3/4/2014	1920	SC1215-75	50.5	SM1796	0.322		817+88.2		81788.2	8 IN	X56	XR	48.605840	103.553010	2177.20	2171.90	5.30	FBE	49.3	50.2	SC1215-73	TC1211-71		
3/4/2014	1921	SC1215-73	49.3	SM1797	0.322		818+37.4		81837.4	8 IN	X56	XR	48.605733	103.552888	2173.70	2168.20	5.50	FBE	49.8	50.5	SC1215-73	SC1215-75		
3/4/2014	1922	SC1215-73	49.8	SM1798	0.322		818+87.2		81887.2	8 IN	X56	XR	48.605624	103.552764	2171.10	2165.60	5.50	FBE	50.2	49.3	SC1215-75	SC1215-73		
3/4/2014	1923	SC1215-75	50.2	SM1799	0.322		819+37.4		81937.4	8 IN	X56	XR	48.605515	103.552638	2168.20	2162.40	5.80	FBE	50.2	49.8	NC0742-70	SC1215-73		
3/4/2014	1924	NC0742-70	50.2	SM1800	0.322		819+87.6		81987.6	8 IN	X56	XR	48.605405	103.552514	2165.70	2160.00	5.70	FBE	50.3	50.2	TC1211-69	SC1215-75		
3/4/2014	1925	TC1211-69	50.3	SM1801	0.322		820+37.9		82037.9	8 IN	X56	XR	48.605295	103.552390	2162.80	2157.20	5.60	FBE	50.3	50.2	SC1213-74	NC0742-70		
3/4/2014	1926	SC1213-74	50.3	SM1802	0.322		820+88.2		82088.2	8 IN	X56	XR	48.605185	103.552265	2158.90	2153.40	5.50	FBE	49.9	50.3	TC1211-69	TC1211-69		
3/4/2014	1927	TC1211-69	49.9	SM1803	0.322		821+38.1		82138.1	8 IN	X56	XR	48.605077	103.552139	2156.10	2150.90	5.20	FBE	49.9	50.3	NC0749-67	SC1213-74		
3/4/2014	1928	NC0749-67	49.9	SM1804	0.322		821+88.0	P.I. < 2°09'57" RT.	82188.0	8 IN	X56	XR	48.604969	103.552013	2155.10	2150.20	4.90	FBE	50.2	49.9	NC0745-77	TC1211-69		
3/4/2014	1929	NC0745-77	50.2	SMT226	0.322		822+38.3	P.I. < 2°05'35" RT.	82238.3	8 IN	X56	XR	48.604862	103.551883	2155.40	2151.40	4.00	FBE	50.5	49.9	NC0745-77	NC0749-67		
3/4/2014	1930	NC0745-77	50.5	SM1805	0.322		822+88.7		82288.7	8 IN	X56	XR	48.604754	103.551753	2157.30	2152.30	5.00	FBE	45.7	50.2	NC0745-77	NC0745-77		
3/4/2014	1931	NC0745-77	45.7	SMT227	0.322		823+34.4		82334.4	8 IN	X56	XR	48.604654	103.551638	2159.90	2154.80	5.10	FBE	49.4	50.5	SC1214-76	NC0745-77		
3/4/2014	1932	SC1214-76	49.4	SM1806	0.322		823+83.8		82383.8	8 IN	X56	XR	48.604546	103.551517	2158.00	2152.80	5.20	FBE	50.3	45.7	SC1213-74	NC0745-77		
3/4/2014	1933	SC1213-74	50.3	SM1807	0.322		824+34.1		82434.1	8 IN	X56	XR	48.604434	103.551395	2155.10	2149.50	5.60	FBE	50.3	49.4	TC1211-74	SC1214-76		
3/4/2014	1934	TC1211-74	50.3	SM1808	0.322		824+84.5		82484.5	8 IN	X56	XR	48.604321	103.551278	2150.70	2145.50	5.20	FBE	50.3	50.3	NC0745-27	SC1213-74		
3/4/2014	1935	NC0745-27	50.3	SM1809	0.322		825+34.8		82534.8	8 IN	X56	XR	48.604206	103.551163	2148.90	2142.30	6.60	FBE	50.4	50.3	NC0745-27	TC1211-74		
3/4/2014	1936	NC0745-27	50.4	SM1810	0.322		825+85.1		82585.1	8 IN	X56	XR	48.604090	103.551051	2147.00	2141.90	5.10	FBE	50.5	50.3	SC1215-75	NC0745-27		
3/4/2014	1937	SC1215-75	50.5	SM1811	0.322	CALCULATED XR POINT, NO COAT INFO	826+35.6		82635.6	8 IN	X56	XR	48.603973	103.550941	2148.90	2143.70	5.20		50.5	50.4	NC0742-70	NC0745-27		
3/4/2014	1938	NC0742-70	50.5	SM1812	0.322	CALCULATED XR POINT, NO COAT INFO	826+86.1		82686.1	8 IN	X56	XR	48.603856	103.550831	2150.40	2144.99	5.41		49.7	50.5	NC0744-64	SC1215-75		
3/4/2014	1939	NC0744-64	49.7	SM1813	0.322	CALCULATED XR POINT, NO COAT INFO	827+35.8		82735.8	8 IN	X56	XR	48.603741	103.550723	2156.70	2151.17	5.53		48.9	50.5	SC1212-121	NC0742-70		
3/4/2014	1940	SC1212-121	48.9	SM1814	0.322	CALCULATED XR POINT, NO COAT INFO	827+84.7		82784.7	8 IN	X56	XR	48.603627	103.550616	2164.00	2158.37	5.63		43.2	49.7	NC0742-70	NC0744-64		
3/4/2014	1941	NC0742-70	43.2	SM1815	0.322	CALCULATED XR POINT, NO COAT INFO	828+28.0		82828.0	8 IN	X56	XR	48.603526	103.550523	2166.20	2160.64	5.56		31.8	48.9	SC1213-51	SC1212-121		
3/4/2014	1942	SC1213-51	31.8	SM1816	0.322	CALCULATED XR POINT, NO COAT INFO	828+59.8		82859.8	8 IN	X56	XR	48.603452	103.550455	2162.30	2156.78	5.52		30.5	43.2	SC1214-48	NC0742-70		
3/4/2014	1943	SC1214-48	30.5	SM1817	0.322	CALCULATED XR POINT, NO COAT INFO	828+90.3		82890.3	8 IN	X56	XR	48.603380	103.550390	2161.40	2156.14	5.26		33.0	31.8	SC1209-46	SC1213-51		
3/4/2014	1944	SC1209-46	33.0	SM1818	0.322	CALCULATED XR POINT, NO COAT INFO	829+23.3		82923.3	8 IN	X56	XR	48.603303	103.550319	2161.40	2155.44	5.96		31.5	30.5	SC1209-34	SC1214-48		
3/4/2014	1945	SC1209-34	31.5	SM1819	0.322	CALCULATED XR POINT, NO COAT INFO	829+54.8		82954.8	8 IN	X56	XR	48.603229	103.550251	2162.30	2156.51	5.79		41.4	33.0	SC1209-34	SC1209-46		
3/4/2014	1946	SC1209-34	41.4	SM1820	0.322	CALCULATED XR POINT, NO COAT INFO	829+96.2		82996.2	8 IN	X56	XR	48.603132	103.550162	2161.40	2155.73	5.67		50.2	31.5	NC0744-64	SC1209-34		
3/4/2014	1947	NC0744-64	50.2	SM1821	0.322	CALCULATED XR POINT, NO COAT INFO	830+46.4		83046.4	8 IN	X56	XR	48.603015	103.550054	2158.40	2152.82	5.58		50.0	41.4	SC1215-73	SC1209-34		
3/4/2014	1948	SC1215-73	50.0	SM1822	0.322	CALCULATED XR POINT, NO COAT INFO	830+96.4		83096.4	8 IN	X56	XR	48.602898	103.549946	2158.40	2151.76	6.64		33.1	50.2	SC1210-36	NC0744-64		
3/4/2014	1949	SC1210-36	33.1	SM1823	0.322	CALCULATED XR POINT, NO COAT INFO	831+29.5		83129.5	8 IN	X56	XR	48.602820	103.549875	2155.80	2151.06	4.74		41.2	50.0	SC1209-49	SC1215-73		
3/4/2014	1950	SC1209-49	41.2	SM1824	0.322	CALCULATED XR POINT, NO COAT INFO	831+70.7		83170.7	8 IN	X56	XR	48.602724	103.549787	2157.10	2150.19	6.91		42.2	33.1	NC0749-67	SC1210-36		
3/4/2014	1951	NC0749-67	42.2	SM1825	0.322	CALCULATED XR POINT, NO COAT INFO	832+12.9		83212.9	8 IN	X56	XR	48.602625	103.549696	2155.80	2149.29	6.51		44.0	41.2	SC1207-66	SC1209-49		
3/4/2014	1952	SC1207-66	44.0	SM1826	0.322	CALCULATED XR POINT, NO COAT INFO	832+57.0		83257.0	8 IN	X56	XR	48.602522	103.549601	2155.80	2149.41	6.39		33.5	42.2	SC1214-48	NC0749-67		
3/4/2014	1953	SC1214-48	33.5	SM1827	0.322	CALCULATED XR POINT, NO COAT INFO	832+90.5		83290.5	8 IN	X56	XR	48.602444	103.549529	2157.30	2151.04	6.26		49.9	44.0	SC1209-57	SC1207-66		
3/4/2014	1954	SC1209-57	49.9	SM1828	0.322	CALCULATED XR POINT, NO COAT INFO	833+40.4		83340.4	8 IN	X56	XR	48.602327	103.549422	2156.50	2150.36	6.14		44.5	33.5	NC0749-146	SC1214-48		
3/4/2014	1955	NC0749-146	44.5	SM1829	0.322	CALCULATED XR POINT, NO COAT INFO	833+84.9		83384.9	8 IN	X56	XR	48.602223	103.549327	2153.65	2147.63	6.02		50.1	49.9	SC1215-73	SC1209-57		
3/4/2014	1956	SC1215-73	50.1	SM1830	0.322	CALCULATED XR POINT, NO COAT INFO	834+35.0		83435.0	8 IN	X56	XR	48.602105	103.549219	2151.62	2145.73	5.89		49.9	44.5	NC0743-68	NC0749-146		
3/4/2014	1957	NC0743-68	49.9	SM1831	0.322	CALCULATED XR POINT, NO COAT INFO	834+84.9		83484.9	8 IN	X56	XR	48.601989	103.549112	2149.30	2143.53	5.77		50.3	50.1	TC1211-69	SC1215-73		
3/4/2014	1958	TC1211-69	50.3	SM1832	0.322	CALCULATED XR POINT, NO COAT INFO	835+35.2		83535.2	8 IN	X56	XR	48.601871	103.549003	2147.10	2142.46	4.64		50.0	49.9	TC1211-71	NC0743-68		
3/4/2014	1959	TC1211-71	50.0	SM1833	0.322		835+85.2		83585.2	8 IN	X56	XR	48.601754	103.548896	2146.30	2141.40	4.90	FBE	50.2	50.3	NC0744-64	TC1211-69		
3/4/2014	1960	NC0744-64	50.2	SM1834	0.322	CALCULATED XR POINT, NO COAT INFO	836+35.4		83635.4	8 IN	X56	XR	48.601637	103.548786	2144.61	2139.59	5.02		50.3	50.0	NC0744-65	TC1211-71		
3/4/2014	1961	NC0744-65	50.3	SM1835	0.322	CALCULATED XR POINT, NO COAT INFO	836+85.8		83685.8	8 IN	X56	XR	48.601520	103.548676	2144.45	2139.31	5.14		49.6	50.2	SC1210-36	NC0744-64		
3/4/2014	1962	SC1210-36	49.6	SM1836	0.322	CALCULATED XR POINT, NO COAT INFO	837+35.4		83735.4	8 IN	X56	XR	48.601405	103.548567	2145.31	2140.05	5.26		50.2	50.3	NC0742-56	NC0744-65		
3/4/2014	1963	NC0742-56	50.2	SM1837	0.322	CALCULATED XR POINT, NO COAT INFO	837+85.6		83785.6	8 IN	X56	XR	48.601288	103.548457	2144.20	2138.83	5.37		50.2	49.6	TC1211-59	SC1210-36		
3/4/2014	1964	TC1211-59	50.2	SM1838	0.322	CALCULATED XR POINT, NO COAT INFO	838+35.8		83835.8	8 IN	X56	XR	48.601172	103.548347	2146.70	2141.21	5.49		50.2	50.2	NC0742-56	NC0742-56		
3/4/2014	1965	NC0742-56	50.2	SM1839	0.322	CALCULATED XR POINT, NO COAT INFO	838+86.0		83886.0	8 IN	X56	XR	48.601055	103.548237	2146.70	2141.09	5.61		50.2	50.2	NC0744-64	TC1211-59		
3/4/2014	1966	NC0744-64	50.2	SM1840	0.322	CALCULATED XR POINT, NO COAT INFO	839+36.3		83936.3	8 IN	X56	XR	48.600938	103.548127	2149.00	2143.27	5.73		50.3	50.2	SC1212-60	NC0742-56		
3/4/2014	1967	SC1212-60	50.3	SM1841	0.322	CALCULATED XR POINT, NO COAT INFO	839+86.6		83986.6	8 IN	X56	XR	48.600822	103.548016	2159.50	2153.77	5.73		44.7	50.2	SC1215-73	NC0744-64		
3/4/2014	1968	SC1215-73	44.7	SM1842	0.322	CALCULATED XR POINT, NO COAT INFO	840+31.3		84031.3	8 IN	X56	XR	48.600717	103.547919	2159.50	2154.33	5.17		50.3	50.3	SC1213-53	SC1212-60		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 199	SHEET No. 99 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	1969	SC1213-53	50.3	SM1843	0.322	CALCULATED XR POINT, NO COAT INFO	840+81.6		84081.6	8 IN	X56	XR	48.600600	103.547811	2159.50	2153.91	5.59		49.9	44.7	NC0744-53	SC1215-73		
3/4/2014	1970	NC0744-53	49.9	SM1844	0.322	CALCULATED XR POINT, NO COAT INFO	841+31.5		84131.5	8 IN	X56	XR	48.600483	103.547703	2160.05	2153.51	6.54		50.3	50.3	SC1212-60	SC1213-53		
3/4/2014	1971	SC1212-60	50.3	SM1845	0.322	CALCULATED XR POINT, NO COAT INFO	841+81.8		84181.8	8 IN	X56	XR	48.600365	103.547595	2161.30	2155.54	5.76		50.6	49.9	SC1213-75	NC0744-53		
3/4/2014	1972	SC1213-75	50.6	SM1846	0.322	CALCULATED XR POINT, NO COAT INFO	842+32.4		84232.4	8 IN	X56	XR	48.600247	103.547488	2153.40	2148.42	4.98		46.1	50.3	SC1209-46	SC1212-60		
3/4/2014	1973	SC1209-46	46.1	SM1847	0.322		842+78.4		84278.4	8 IN	X56	XR	48.600140	103.547392	2149.90	2143.40	6.50	FBE	50.3	50.6	SC1209-43	SC1213-75		
3/4/2014	1974	SC1209-43	50.3	SM1848	0.322	CALCULATED XR POINT, NO COAT INFO	843+28.7		84328.7	8 IN	X56	XR	48.600023	103.547282	2149.08	2142.49	6.59		50.3	46.1	NC0749-133	SC1209-46		
3/4/2014	1975	NC0749-133	50.3	SM1849	0.322	CALCULATED XR POINT, NO COAT INFO	843+79.0		84379.0	8 IN	X56	XR	48.599906	103.547172	2151.40	2144.73	6.67		49.9	50.3	SC1209-46	SC1209-43		
3/4/2014	1976	SC1209-46	49.9	SM1850	0.322	CALCULATED XR POINT, NO COAT INFO	844+28.9		84428.9	8 IN	X56	XR	48.599790	103.547063	2152.90	2146.14	6.76		50.3	50.3	NC0742-56	NC0749-133		
3/4/2014	1977	NC0742-56	50.3	SM1851	0.322	CALCULATED XR POINT, NO COAT INFO	844+79.2		84479.2	8 IN	X56	XR	48.599674	103.546953	2151.50	2144.66	6.84		50.4	49.9	SC1213-65	SC1209-46		
3/4/2014	1978	SC1213-65	50.4	SM1852	0.322	CALCULATED XR POINT, NO COAT INFO	845+29.6		84529.6	8 IN	X56	XR	48.599557	103.546843	2135.40	2128.47	6.93		50.3	50.3	SC1213-65	NC0742-56		
3/4/2014	1979	SC1213-65	50.3	SM1853	0.322	CALCULATED XR POINT, NO COAT INFO	845+79.9		84579.9	8 IN	X56	XR	48.599440	103.546733	2140.80	2134.22	6.58		50.3	50.4	NC0749-133	SC1213-65		
3/4/2014	1980	NC0749-133	50.3	SM1854	0.322	CALCULATED XR POINT, NO COAT INFO	846+30.2		84630.2	8 IN	X56	XR	48.599323	103.546624	2138.10	2131.87	6.23		49.9	50.3	SC1213-65	SC1213-65		
3/4/2014	1981	SC1213-65	49.9	SM1855	0.322	CALCULATED XR POINT, NO COAT INFO	846+80.1		84680.1	8 IN	X56	XR	48.599208	103.546515	2125.40	2119.53	5.87		50.0	50.3	SC1213-65	NC0749-133		
3/4/2014	1982	SC1213-65	50.0	SM1856	0.322	CALCULATED XR POINT, NO COAT INFO	847+30.0		84730.0	8 IN	X56	XR	48.599092	103.546405	2121.95	2116.55	5.40		39.6	49.9	SC1213-51	SC1213-65		
3/4/2014	1983	SC1213-51	39.6	SM1857	0.322		847+69.6		84769.6	8 IN	X56	XR	48.599000	103.546319	2118.80	2114.20	4.60	FBE	29.3	50.0	SC1213-51	SC1213-65		
3/4/2014	1984	SC1213-51	29.3	SM1858	0.322		847+98.9		84798.9	8 IN	X56	XR	48.598931	103.546257	2123.20	2117.80	5.40	FBE	49.7	39.6	SC1208-41	SC1213-51		
3/4/2014	1985	SC1208-41	49.7	SMT218	0.322		848+48.6		84848.6	8 IN	X56	XR	48.598815	103.546152	2125.80	2120.90	4.90	FBE	43.6	29.3	NC0749-67	SC1213-51		
3/4/2014	1986	NC0749-67	43.6	SM1859	0.322		848+92.2		84892.2	8 IN	X56	XR	48.598713	103.546058	2123.30	2118.80	4.50	FBE	50.2	49.7	SC1207-66	SC1208-41		
3/4/2014	1987	SC1207-66	50.2	SM1860	0.322		849+42.4		84942.4	8 IN	X56	XR	48.598596	103.545950	2119.10	2113.80	5.30	FBE	50.3	43.6	NC0749-67	NC0749-67		
3/4/2014	1988	NC0749-67	50.3	SM1861	0.322	CALCULATED XR POINT, NO COAT INFO	849+92.7		84992.7	8 IN	X56	XR	48.598480	103.545839	2115.70	2110.46	5.24		49.9	50.2	SC1207-66	SC1207-66		
3/4/2014	1989	SC1207-66	49.9	SM1862	0.322	CALCULATED XR POINT, NO COAT INFO	850+42.6		85042.6	8 IN	X56	XR	48.598364	103.545728	2111.27	2106.10	5.17		49.9	50.3	SC1213-65	NC0749-67		
3/4/2014	1990	SC1213-65	49.9	SM1863	0.322	CALCULATED XR POINT, NO COAT INFO	850+92.6		85092.6	8 IN	X56	XR	48.598249	103.545618	2107.44	2102.33	5.11		49.9	49.9	NC0742-70	SC1207-66		
3/4/2014	1991	NC0742-70	49.9	SM1864	0.322	CALCULATED XR POINT, NO COAT INFO	851+42.5		85142.5	8 IN	X56	XR	48.598133	103.545508	2103.60	2098.56	5.04		50.2	49.9	NC0744-64	SC1213-65		
3/4/2014	1992	NC0744-64	50.2	SM1865	0.322	CALCULATED XR POINT, NO COAT INFO	851+92.7		85192.7	8 IN	X56	XR	48.598017	103.545397	2104.68	2099.70	4.98		50.3	49.9	SC1213-65	NC0742-70		
3/4/2014	1993	SC1213-65	50.3	SM1866	0.322	CALCULATED XR POINT, NO COAT INFO	852+43.0		85243.0	8 IN	X56	XR	48.597900	103.545286	2099.50	2094.59	4.91		50.2	50.2	NC0744-64	NC0744-64		
3/4/2014	1994	NC0744-64	50.2	SM1867	0.322	CALCULATED XR POINT, NO COAT INFO	852+93.2		85293.2	8 IN	X56	XR	48.597784	103.545175	2097.30	2092.45	4.85		49.9	50.3	SC1207-66	SC1213-65		
3/4/2014	1995	SC1207-66	49.9	SM1868	0.322	CALCULATED XR POINT, NO COAT INFO	853+43.1		85343.1	8 IN	X56	XR	48.597668	103.545065	2098.40	2093.62	4.78		49.8	50.2	NC0742-70	NC0744-64		
3/4/2014	1996	NC0742-70	49.8	SM1869	0.322	CALCULATED XR POINT, NO COAT INFO	853+92.9		85392.9	8 IN	X56	XR	48.597553	103.544955	2096.30	2091.58	4.72		50.2	49.9	SC1213-74	SC1207-66		
3/4/2014	1997	SC1213-74	50.2	SM1870	0.322	CALCULATED XR POINT, NO COAT INFO	854+43.1		85443.1	8 IN	X56	XR	48.597437	103.544844	2097.20	2092.54	4.66		50.2	49.8	NC0742-70	NC0742-70		
3/4/2014	1998	NC0742-70	50.2	SM1871	0.322	CALCULATED XR POINT, NO COAT INFO	854+93.3		85493.3	8 IN	X56	XR	48.597320	103.544733	2098.10	2093.51	4.59		50.3	50.2	NC0742-70	SC1213-74		
3/4/2014	1999	NC0742-70	50.3	SM1872	0.322	CALCULATED XR POINT, NO COAT INFO	855+43.6		85543.6	8 IN	X56	XR	48.597204	103.544622	2098.50	2093.97	4.53		50.3	50.2	TC1211-71	NC0742-70		
3/4/2014	2012	TC1211-71	50.3	SM1873	0.322	CALCULATED XR POINT, NO COAT INFO	855+93.9		85593.9	8 IN	X56	XR	48.597087	103.544511	2099.35	2094.88	4.47		50.2	50.3	SC1209-34	NC0742-70		
3/4/2014	2013	SC1209-34	50.2	SM1874	0.322	CALCULATED XR POINT, NO COAT INFO	856+44.1		85644.1	8 IN	X56	XR	48.596971	103.544400	2102.80	2098.40	4.40		50.2	50.3	NC0743-30	TC1211-71		
3/4/2014	2014	NC0743-30	50.2	SM1875	0.322	CALCULATED XR POINT, NO COAT INFO	856+94.3		85694.3	8 IN	X56	XR	48.596855	103.544289	2103.50	2099.16	4.34		50.2	50.2	NC0743-32	SC1209-34		
3/4/2014	2015	NC0743-32	50.2	SM1876	0.322	CALCULATED XR POINT, NO COAT INFO	857+44.5		85744.5	8 IN	X56	XR	48.596738	103.544178	2102.30	2098.03	4.27		50.2	50.2	NC0743-32	NC0743-30		
3/4/2014	2016	NC0743-32	50.2	SM1877	0.322	CALCULATED XR POINT, NO COAT INFO	857+94.8		85794.8	8 IN	X56	XR	48.596622	103.544067	2103.60	2099.38	4.22		50.2	50.2	NC0743-32	NC0743-32		
3/4/2014	2017	NC0743-32	50.2	SM1878	0.322	CALCULATED XR POINT, NO COAT INFO	858+45.0		85845.0	8 IN	X56	XR	48.596506	103.543957	2101.89	2096.83	5.06		48.8	50.2	NC0742-38	NC0743-32		
3/4/2014	2018	NC0742-38	48.8	SM1879	0.322		858+93.8	P.I. < 2°16'25" LT.	85893.8	8 IN	X56	XR	48.596393	103.543849	2103.60	2097.70	5.90	FBE	50.2	50.2	NC0743-30	NC0743-32		
3/4/2014	2019	NC0743-30	50.2	SM1880	0.322	CALCULATED XR POINT, NO COAT INFO	859+44.0		85944.0	8 IN	X56	XR	48.596279	103.543731	2103.00	2097.02	5.98		49.7	48.8	NC0743-32	NC0742-38		
3/4/2014	2020	NC0743-32	49.7	SM1881	0.322	CALCULATED XR POINT, NO COAT INFO	859+93.7		85993.7	8 IN	X56	XR	48.596167	103.543614	2102.13	2096.07	6.06		50.2	50.2	NC0743-37	NC0743-30		
3/4/2014	2021	NC0743-37	50.2	SM1882	0.322	CALCULATED XR POINT, NO COAT INFO	860+44.0		86044.0	8 IN	X56	XR	48.596054	103.543497	2098.50	2092.36	6.14		50.3	49.7	SC1213-65	NC0743-32		
3/4/2014	2022	SC1213-65	50.3	SM1883	0.322	CALCULATED XR POINT, NO COAT INFO	860+94.3		86094.3	8 IN	X56	XR	48.595940	103.543379	2097.10	2090.57	6.53		34.2	50.2	SC1213-51	NC0743-37		
3/4/2014	2023	SC1213-51	34.2	SM1884	0.322	CALCULATED XR POINT, NO COAT INFO	861+28.5		86128.5	8 IN	X56	XR	48.595863	103.543299	2092.70	2086.20	6.50		50.3	50.3	SC1212-60	SC1213-65		
3/4/2014	2024	SC1212-60	50.3	SM1885	0.322	CALCULATED XR POINT, NO COAT INFO	861+78.9		86178.9	8 IN	X56	XR	48.595750	103.543181	2088.80	2082.33	6.47		50.3	34.2	SC1214-62	SC1213-51		
3/4/2014	2025	SC1214-62	50.3	SM1886	0.322	CALCULATED XR POINT, NO COAT INFO	862+29.2		86229.2	8 IN	X56	XR	48.595636	103.543063	2084.90	2078.45	6.45		73.6	50.3	NC0743-37	SC1212-60		
3/4/2014	2026	NC0743-37	73.6	SM1887	0.322	CALCULATED XR POINT, NO COAT INFO	863+02.8		86302.8	8 IN	X56	XR	48.595470	103.542890	2079.50	2073.08	6.42		47.7	50.3	NC0743-40	SC1214-62		
3/4/2014	2027	NC0743-40	47.7	SM1888	0.322	CALCULATED XR POINT, NO COAT INFO	863+50.6		86350.6	8 IN	X56	XR	48.595362	103.542778	2079.90	2073.50	6.40		41.7	73.6	NC0743-39	NC0743-37		
3/4/2014	2028	NC0743-39	41.7	SM1889	0.322	CALCULATED XR POINT, NO COAT INFO	863+92.3		86392.3	8 IN	X56	XR	48.595268	103.542680	2083.20	2076.83	6.37		20.7	47.7	NC0743-32	NC0743-40		
3/4/2014	2029	NC0743-32	20.7	SM1890	0.322	CALCULATED XR POINT, NO COAT INFO	864+13.0		86413.0	8 IN	X56	XR	48.595222	103.542632	2083.20	2076.86	6.34		83.6	41.7	SC1210-36	NC0743-39		
3/4/2014	2030	SC1210-36	83.6	SM1891	0.322	CALCULATED XR POINT, NO COAT INFO	864+96.6		86496.6	8 IN	X56	XR	48.595033	103.542436	2082.60	2076.28	6.32		16.2	20.7	SC1209-31	NC0743-32		
3/4/2014	2031	SC1209-31	16.2	SM1892	0.322	CALCULATED XR POINT, NO COAT INFO	865+12.8		86512.8	8 IN	X56	XR	48.594997	103.542398	2082.60	2075.71	6.89		50.2	83.6	NC0745-77	SC1210-36		
3/4/2014	2032	NC0745-77	50.2	SM1893	0.322	CALCULATED XR POINT, NO COAT INFO	865+63.0		86563.0	8 IN	X56	XR	48.594883	103.542280	2082.60	2076.22	6.38		50.3	16.2	NC0742-35	SC1209-31		
3/4/2014	2033	NC0742-35	50.3	SM1894	0.322	CALCULATED XR POINT, NO COAT INFO	866+13.3		86613.3	8 IN	X56	XR	48.594770	103.542162	2082.66	2076.94	5.72		50.2	50.2	SC1208-25	NC0745-77		
3/4/2014	2034	SC1208-25	50.2	SM1895	0.322	CALCULATED XR POINT, NO COAT INFO	866+63.6		86663.6	8 IN	X56	XR	48.594656	103.542045	2080.79	2075.73	5.06		50.2	50.3	SC1209-31	NC0742-35		
3/4/2014	2035	SC1209-31	50.2	SM1896	0.322	CALCULATED XR POINT, NO COAT INFO	867+13.8		86713.8	8 IN	X56	XR	48.594543	103.541927	2072.80	2068.56	4.24		50.1	50.2	SC1209-33	SC1208-25		
3/4/2014	2036	SC1209-33	50.1	SM1897	0.322	CALCULATED XR POINT, NO COAT INFO	867+63.9		86763.9	8 IN	X56	XR	48.594430	103.541809	2071.10	2066.78	4.32		85.2	50.2	SC1209-34	SC1209-31		
3/4/2014	2037	SC1209-34	85.2	SM1898	0.322	CALCULATED XR POINT, NO COAT INFO	868+49.1		86849.1	8 IN	X56	XR	48.594238	103.541610	2071.50	2066.96	4.54		15.7	50.1	NC0748-161	SC1209-33		
3/4/2014	2038	NC0748-161	15.7	SM1899	0.322		868+64.7		86864.7	8 IN	X56	XR	48.594203	103.541573	2071.10	2066.34	4.76	FBE	49.8	85.2	NC0745-77	SC1209-34		
3/4/2014	2039	NC0745-77	49.8	SM1900	0.322		869+14.6		86914.6	8 IN	X56	XR	48.594090	103.541456	2071.50	2066.52	4.98	FBE	50.4	15.7	SC1214-62	NC0748-161		
3/4/2014	2040	SC1214-62	50.4	SMT229	0.322		869+65.0		86965.0	8 IN	X56	XR	48.593978	103.541336	2071.50	2066.30	5.20	FBE	49.4	49.8	SC1209-33	NC0745-77		
3/4/2014	2041	SC1209-33	49.4	SM1901	0.322		870+14.4		87014.4	8 IN	X56	XR	48.593866	103.541220	2071.60	2062.90	5.42	FBE	50.3	50.4	SC1209-33	SC1214-62		
3/4/2014	2042	SC1209-33	50.3	SM1903	0.322		870+64.7		87064.7	8 IN	X56	XR	48.593752	103.541104	2073.00	2062.90	5.64	FBE	8.7	49.4	TC1211-69	SC1209-33		
3/4/2014	2043	TC1211-69	8.7	SMT230	0.322		870+73.4		87073.4	8 IN	X56	XR	48.593732	103.541084	2075.10	2062.90	5.86	FBE	50.2	50.3	SC1209-33	SC1209-33		
3/4/2014	2044	SC1209-33	50.2	SM1902	0.322		871+23.6		87123.6	8 IN	X56	XR	48.593619	103.540967	2075.25	2062.90	6.08	FBE	49.4	8.7	SC1209-33	TC1211-69		
3/4/2014	2045	SC1209-33	49.4	SM1904	0.322		871+72.9		87172.9	8 IN	X56	XR	48.593508	103.540851	2078.20	2071.90	6.30	FBE	50.1	50.2	SC1209-33	SC1209-33		
3/4/2014	2046	SC1209-33	50.1	SM1905	0.322	CALCULATED XR POINT, NO COAT INFO	872+23.1		87223.1	8 IN	X56	XR	48.593395	103.540734	2083.80	2077.58	6.22		49.8	49.4	SC1209-34	SC1209-33		
3/4/2014	2047	SC1209-34	49.8	SM1906	0.322	CALCULATED XR POINT, NO COAT INFO	872+72.9		87272.9	8 IN	X56	XR	48.593282	103.540618	2086.25	2080.11	6.14		50.2	50.1	SC1215-73	SC1209-33		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 200	SHEET No. 100 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL									Start Stn		0+00			End Stn		2308+43.0			
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2048	SC1215-73	50.2	SM1907	0.322	CALCULATED XR POINT, NO COAT INFO	873+23.1		87323.1	8 IN	X56	XR	48.593169	103.540500	2088.70	2082.65	6.05		50.2	49.8	SC1209-31	SC1209-34		
3/4/2014	2049	SC1209-31	50.2	SM1908	0.322	CALCULATED XR POINT, NO COAT INFO	873+73.4		87373.4	8 IN	X56	XR	48.593055	103.540383	2092.70	2086.73	5.97		50.3	50.2	SC1210-63	SC1215-73		
3/4/2014	2050	SC1210-63	50.3	SM1909	0.322	CALCULATED XR POINT, NO COAT INFO	874+23.7		87423.7	8 IN	X56	XR	48.592941	103.540266	2095.90	2090.01	5.89		50.2	50.2	NC0743-37	SC1209-31		
3/4/2014	2051	NC0743-37	50.2	SM1910	0.322	CALCULATED XR POINT, NO COAT INFO	874+74.0		87474.0	8 IN	X56	XR	48.592828	103.540148	2095.90	2090.09	5.81		50.2	50.3	SC1212-26	SC1210-63		
3/4/2014	2052	SC1212-26	50.2	SM1911	0.322	CALCULATED XR POINT, NO COAT INFO	875+24.2		87524.2	8 IN	X56	XR	48.592714	103.540031	2098.60	2092.87	5.73		50.2	50.2	NC0742-38	NC0743-37		
3/4/2014	2053	NC0742-38	50.2	SM1912	0.322	CALCULATED XR POINT, NO COAT INFO	875+74.4		87574.4	8 IN	X56	XR	48.592601	103.539914	2098.60	2092.96	5.64		50.2	50.2	NC0743-30	SC1212-26		
3/4/2014	2054	NC0743-30	50.2	SM1913	0.322	CALCULATED XR POINT, NO COAT INFO	876+24.7		87624.7	8 IN	X56	XR	48.592487	103.539797	2099.70	2094.14	5.56		49.6	50.2	NC0743-32	NC0742-38		
3/4/2014	2055	NC0743-32	49.6	SM1914	0.322	CALCULATED XR POINT, NO COAT INFO	876+74.3		87674.3	8 IN	X56	XR	48.592375	103.539681	2098.50	2093.02	5.48		48.3	50.2	SC1208-25	NC0743-30		
3/4/2014	2056	SC1208-25	48.3	SM1915	0.322		877+22.6		87722.6	8 IN	X56	XR	48.592266	103.539568	2098.50	2093.10	5.40	FBE	49.8	49.6	NC0743-29	NC0743-32		
3/4/2014	2057	NC0743-29	49.8	SM1916	0.322	CALCULATED XR POINT, NO COAT INFO	877+72.4		87772.4	8 IN	X56	XR	48.592153	103.539452	2096.80	2091.66	5.14		50.2	48.3	NC0743-30	SC1208-25		
3/4/2014	2058	NC0743-30	50.2	SM1917	0.322	CALCULATED XR POINT, NO COAT INFO	878+22.7		87822.7	8 IN	X56	XR	48.592040	103.539334	2095.00	2090.21	4.79		50.2	49.8	NC0743-30	NC0743-29		
3/4/2014	2059	NC0743-30	50.2	SM1918	0.322	CALCULATED XR POINT, NO COAT INFO	878+72.9		87872.9	8 IN	X56	XR	48.591926	103.539217	2094.40	2088.76	5.64		50.3	50.2	TC1211-71	NC0743-30		
3/4/2014	2060	TC1211-71	50.3	SM1919	0.322	CALCULATED XR POINT, NO COAT INFO	879+23.2		87923.2	8 IN	X56	XR	48.591813	103.539100	2094.40	2088.55	5.85		50.2	50.2	NC0743-30	NC0743-30		
3/4/2014	2061	NC0743-30	50.2	SM1920	0.322	CALCULATED XR POINT, NO COAT INFO	879+73.4		87973.4	8 IN	X56	XR	48.591699	103.538982	2091.90	2085.85	6.05		32.2	50.3	NC0750-45	TC1211-71		
3/4/2014	2062	NC0750-45	32.2	SM1921	0.322	CALCULATED XR POINT, NO COAT INFO	880+05.6		88005.6	8 IN	X56	XR	48.591626	103.538907	2091.90	2084.92	6.98		50.2	50.2	NC0743-29	NC0743-30		
3/4/2014	2063	NC0743-29	50.2	SM1922	0.322	CALCULATED XR POINT, NO COAT INFO	880+55.9		88055.9	8 IN	X56	XR	48.591513	103.538790	2088.60	2083.46	5.14		48.8	32.2	NC1208-25	NC0750-45		
3/4/2014	2064	NC1208-25	48.8	SM1923	0.322	CALCULATED XR POINT, NO COAT INFO	881+04.7		88104.7	8 IN	X56	XR	48.591403	103.538676	2090.82	2085.54	5.28		50.2	50.2	TC1211-69	NC0743-29		
3/4/2014	2065	TC1211-69	50.2	SM1924	0.322	CALCULATED XR POINT, NO COAT INFO	881+54.9		88154.9	8 IN	X56	XR	48.591289	103.538558	2088.60	2083.18	5.42		49.9	48.8	TC1211-69	NC1208-25		
3/4/2014	2066	TC1211-69	49.9	SM1925	0.322	CALCULATED XR POINT, NO COAT INFO	882+04.8		88204.8	8 IN	X56	XR	48.591176	103.538442	2086.70	2081.14	5.56		50.4	50.2	NC0743-32	TC1211-69		
3/4/2014	2067	NC0743-32	50.4	SM1926	0.322		882+55.2		88255.2	8 IN	X56	XR	48.591062	103.538324	2083.40	2077.70	5.70	FBE	50.2	49.9	NC0743-30	TC1211-69		
3/4/2014	2068	NC0743-30	50.2	SM1927	0.322		883+05.5		88305.5	8 IN	X56	XR	48.590948	103.538209	2081.60	2076.10	5.50	FBE	49.8	50.4	SC1208-25	NC0743-32		
3/4/2014	2069	SC1208-25	49.8	SM1928	0.322		883+55.3	P.I. < 3°11'29" LT.	88355.3	8 IN	X56	XR	48.590839	103.538086	2079.10	2074.00	5.10	FBE	50.3	50.2	SC1210-36	NC0743-30		
3/4/2014	2070	SC1210-36	50.3	SM1929	0.322		884+05.6		88405.6	8 IN	X56	XR	48.590753	103.537925	2077.10	2071.70	5.40	FBE	50.0	49.8	NC0743-37	SC1208-25		
3/4/2014	2071	NC0743-37	50.0	SMT231	0.322		884+55.5		88455.5	8 IN	X56	XR	48.590671	103.537759	2074.10	2069.90	4.20	FBE	48.9	50.3	SC1208-25	SC1210-36		
3/4/2014	2072	SC1208-25	48.9	SMT232	0.322		885+04.4		88504.4	8 IN	X56	XR	48.590592	103.537597	2071.80	2065.10	6.70	FBE	41.2	50.0		NC0743-37		
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	885+45.6		88545.6		X56	XR	48.590526	103.537462	2068.67	2058.44	10.23	ARO	41.2	48.9		SC1208-25		
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	885+86.8		88586.8		X56	XR	48.590460	103.537326	2066.94	2052.96	13.98	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	886+28.0		88628.0		X56	XR	48.590393	103.537190	2066.41	2048.66	17.75	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	886+69.2		88669.2		X56	XR	48.590326	103.537053	2062.19	2045.55	16.64	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	887+10.4		88710.4		X56	XR	48.590259	103.536916	2060.12	2043.62	16.50	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	887+51.6		88751.6		X56	XR	48.590192	103.536780	2061.75	2042.88	18.87	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	887+92.8		88792.8		X56	XR	48.590125	103.536643	2061.47	2043.33	18.14	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	888+34.0		88834.0		X56	XR	48.590058	103.536506	2064.52	2044.96	19.56	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	888+75.2		88875.2		X56	XR	48.589991	103.536369	2065.63	2047.79	17.84	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	889+16.4		88916.4		X56	XR	48.589924	103.536233	2069.40	2051.80	17.60	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	889+57.6		88957.6		X56	XR	48.589858	103.536097	2071.70	2056.98	14.72	ARO	41.2	41.2				
3/4/2014			41.2			CALCULATED BORE, NO HEAT #, NO XR #	889+98.8		88998.8		X56	XR	48.589792	103.535962	2074.00	2063.35	10.65	ARO	40.7	41.2				
3/4/2014			40.7	SMT233	0.322	MISSING JT NUMBER, NO HEAT #	890+39.5		89039.5	8 IN	X56	XR	48.589726	103.535828	2076.40	2070.80	5.60	ARO	45.2	41.2	SC1215-73			
3/4/2014	2108	SC1215-73	45.2	SMT234	0.322		890+84.7	P.I. < 3°49'45" LT.	89084.7	8 IN	X56	XR	48.589653	103.535679	2080.10	2073.80	6.30	FBE	49.8	40.7	SC1208-41			
3/4/2014	2074	SC1208-41	49.8	SM1930	0.322		891+34.5		89134.5	8 IN	X56	XR	48.589579	103.535506	2078.70	2073.10	5.60	FBE	39.0	45.2	SC1210-36	SC1215-73		
3/4/2014	2075	SC1210-36	39.0	SM1931	0.322		891+73.6		89173.6	8 IN	X56	XR	48.589522	103.535369	2080.10	2074.60	5.50	FBE	50.1	49.8	SC1209-31	SC1208-41		
3/4/2014	2076	SC1209-31	50.1	SM1932	0.322		892+23.7		89223.7	8 IN	X56	XR	48.589448	103.535195	2082.80	2077.50	5.30	FBE	50.1	39.0	SC1208-25	SC1210-36		
3/4/2014	2077	SC1208-25	50.1	SM1933	0.322	CALCULATED XR POINT, NO COAT INFO	892+73.8		89273.8	8 IN	X56	XR	48.589374	103.535020	2085.70	2078.99	6.71		50.2	50.1	NC0743-29	SC1209-31		
3/4/2014	2078	NC0743-29	50.2	SM1934	0.322	CALCULATED XR POINT, NO COAT INFO	893+24.0		89324.0	8 IN	X56	XR	48.589301	103.534845	2085.70	2080.48	5.22		50.2	50.1	NC0743-29	SC1208-25		
3/4/2014	2079	NC0743-29	50.2	SM1935	0.322	CALCULATED XR POINT, NO COAT INFO	893+74.3		89374.3	8 IN	X56	XR	48.589227	103.534670	2089.10	2083.61	5.49		50.3	50.2	NC0749-133	NC0743-29		
3/4/2014	2080	NC0749-133	50.3	SM1936	0.322	CALCULATED XR POINT, NO COAT INFO	894+24.6		89424.6	8 IN	X56	XR	48.589153	103.534495	2091.00	2085.24	5.76		50.3	50.2	NC1213-65	NC0743-29		
3/4/2014	2081	NC1213-65	50.3	SM1937	0.322	CALCULATED XR POINT, NO COAT INFO	894+74.9		89474.9	8 IN	X56	XR	48.589079	103.534320	2091.00	2084.97	6.03		50.8	50.3	SC1213-65	NC0749-133		
3/4/2014	2082	SC1213-65	50.8	SM1938	0.322	CALCULATED XR POINT, NO COAT INFO	895+25.7		89525.7	8 IN	X56	XR	48.589004	103.534143	2092.20	2086.48	5.72		50.2	50.3	SC1209-31	NC1213-65		
3/4/2014	2083	SC1209-31	50.2	SM1939	0.322	CALCULATED XR POINT, NO COAT INFO	895+76.0		89576.0	8 IN	X56	XR	48.588930	103.533968	2092.20	2087.97	4.23		50.2	50.8	NC0743-40	SC1213-65		
3/4/2014	2084	NC0743-40	50.2	SM1940	0.322	CALCULATED XR POINT, NO COAT INFO	896+26.2		89626.2	8 IN	X56	XR	48.588856	103.533793	2095.90	2089.47	6.43		50.2	50.2	SC1209-34	SC1209-31		
3/4/2014	2085	SC1209-34	50.2	SM1941	0.322	CALCULATED XR POINT, NO COAT INFO	896+76.4		89676.4	8 IN	X56	XR	48.588782	103.533618	2095.40	2090.96	4.44		50.2	50.2	SC1208-25	NC0743-40		
3/4/2014	2086	SC1208-25	50.2	SM1942	0.322	CALCULATED XR POINT, NO COAT INFO	897+26.6		89726.6	8 IN	X56	XR	48.588709	103.533443	2097.60	2092.45	5.15		50.2	50.2	NC0743-30	SC1209-34		
3/4/2014	2087	NC0743-30	50.2	SM1943	0.322	CALCULATED XR POINT, NO COAT INFO	897+76.8		89776.8	8 IN	X56	XR	48.588635	103.533267	2100.00	2093.95	6.05		50.2	50.2	SC1215-75	SC1208-25		
3/4/2014	2088	SC1215-75	50.2	SM1944	0.322	CALCULATED XR POINT, NO COAT INFO	898+27.1		89827.1	8 IN	X56	XR	48.588561	103.533092	2102.10	2095.44	6.66		50.2	50.2	SC1215-73	NC0743-30		
3/4/2014	2089	SC1215-73	50.2	SM1945	0.322	CALCULATED XR POINT, NO COAT INFO	898+77.3		89877.3	8 IN	X56	XR	48.588487	103.532917	2104.40	2097.66	6.74		50.2	50.2	SC1213-74	SC1215-75		
3/4/2014	2090	SC1213-74	50.2	SM1946	0.322	CALCULATED XR POINT, NO COAT INFO	899+27.5		89927.5	8 IN	X56	XR	48.588413	103.532742	2105.70	2098.89	6.81		49.8	50.2	SC1213-74	SC1215-73		
3/4/2014	2091	SC1213-74	49.8	SM1947	0.322	CALCULATED XR POINT, NO COAT INFO	899+77.3		89977.3	8 IN	X56	XR	48.588340	103.532569	2106.80	2099.91	6.89		50.2	50.2	SC1215-75	SC1213-74		
3/4/2014	2092	SC1215-75	50.2	SM1948	0.322		900+27.5		90027.5	8 IN	X56	XR	48.588266	103.532394	2108.50	2101.86	6.64	FBE	50.2	49.8	SC1208-25	SC1213-74		
3/4/2014	2093	SC1208-25	50.2	SM1949	0.322	CALCULATED XR POINT, NO COAT INFO	900+77.7		90077.7	8 IN	X56	XR	48.588192	103.532219	2108.50	2102.12	6.38		50.2	50.2	SC1215-73	SC1215-75		
3/4/2014	2094	SC1215-73	50.2	SM1950	0.322	CALCULATED XR POINT, NO COAT INFO	901+27.9		90127.9	8 IN	X56	XR	48.588118	103.532044	2108.10	2102.85	5.25		49.8	50.2	SC1214-76	SC1208-25		
3/4/2014	2095	SC1214-76	49.8	SM1951	0.322	CALCULATED XR POINT, NO COAT INFO	901+77.8		90177.8	8 IN	X56	XR	48.588045	103.531871	2108.20	2103.57	4.63		41.0	50.2	NC0744-64	SC1215-73		
3/4/2014	2096	NC0744-64	41.0	SM1952	0.322	CALCULATED XR POINT, NO COAT INFO	902+18.8		90218.8	8 IN	X56	XR	48.587984	103.531728	2110.20	2104.16	6.04		43.9	49.8	NC0744-64	SC1214-76		
3/4/2014	2097	NC0744-64	43.9	SM1953	0.322	CALCULATED XR POINT, NO COAT INFO	902+62.6		90262.6	8 IN	X56	XR	48.587920	103.531575	2112.40	2107.00	5.40		45.4	41.0	SC1207-66	NC0744-64		
3/4/2014	2098	SC1207-66	45.4	SM1954	0.322	CALCULATED XR POINT, NO COAT INFO	903+08.0		90308.0	8 IN	X56	XR	48.587853	103.531417	2110.20	2105.45	4.75		33.0	43.9	NC0749-67	NC0744-64		
3/4/2014	2099	NC0749-67	33.0	SM1955	0.322	CALCULATED XR POINT, NO COAT INFO	903+41.0		90341.0	8 IN	X56	XR	48.587804	103.531302	2110.20	2105.92	4.28		41.0	45.4	SC1212-60	SC1207-66		
3/4/2014	2100	SC1212-60	41.0	SM1956	0.322	CALCULATED XR POINT, NO COAT INFO	903+82.0		90382.0	8 IN	X56	XR	48.587744	103.531159	2112.40	2106.52	5.88		50.2	33.0	NC0742-70	NC0749-67		
3/4/2014	2101	NC0742-70	50.2	SM1957	0.322	CALCULATED XR POINT, NO COAT INFO	904+32.2		90432.2	8 IN	X56	XR	48.587670	103.530984	2114.00	2107.24	6.76		50.3	41.0	NC0742-70	SC1212-60		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 201	SHEET No. 101 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL									Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2102	NC0742-70	50.3	SM1958	0.322	CALCULATED XR POINT, NO COAT INFO	904+82.5		90482.5	8 IN	X56	XR	48.587596	103.530809	2114.90	2107.97	6.93		48.8	50.2	TC1211-71	NC0742-70		
3/4/2014	2103	TC1211-71	48.8	SM1959	0.322	CALCULATED XR POINT, NO COAT INFO	905+31.3		90531.3	8 IN	X56	XR	48.587524	103.530639	2115.40	2108.67	6.73		48.8	50.3	TC1211-71	NC0742-70		
3/4/2014	2104	TC1211-71	48.8	SM1960	0.322	CALCULATED XR POINT, NO COAT INFO	905+80.1		90580.1	8 IN	X56	XR	48.587452	103.530469	2114.90	2109.38	5.52		50.2	48.8	NC0742-70	TC1211-71		
3/4/2014	2105	NC0742-70	50.2	SM1961	0.322		906+30.4		90630.4	8 IN	X56	XR	48.587378	103.530294	2115.40	2110.10	5.30	FBE	50.3	48.8	TC1211-69	TC1211-71		
3/4/2014	2106	TC1211-69	50.3	SM1962	0.322		906+80.7		90680.7	8 IN	X56	XR	48.587304	103.530119	2114.90	2110.10	4.80	FBE	50.1	50.2	TC1211-71	NC0742-70		
3/4/2014	2107	TC1211-71	50.1	SMT235	0.322		907+30.8	P.I. < 2°51'42" RT.	90730.8	8 IN	X56	XR	48.587230	103.529944	2114.30	2110.10	4.20	FBE	25.0	50.3	TC1211-71	TC1211-69		
3/4/2014	2109	TC1211-71	25.0	SMT236	0.322		907+55.8	P.I. < 3°13'32" LT.	90755.8	8 IN	X56	XR	48.587190	103.529860	2114.10	2109.70	4.40	FBE	7.7	50.1	D48763	TC1211-71		
3/4/2014	1343BRA	D48763	7.7			CALCULATED BORE, NO XR #	907+63.5		90763.5		X56	XR	48.587179	103.529833	2114.10	2107.84	6.26	ARO	41.2	25.0	D48763	TC1211-71		
3/4/2014	1342BR	D48763	41.2			CALCULATED BORE, NO XR #	908+04.7		90804.7		X56	XR	48.587121	103.529693	2113.69	2099.00	14.69	ARO	25.3	7.7	D48765	D48763		
3/4/2014	324BR	D48765	25.3	SMB217		CALCULATED BORE	908+30.0		90830.0		X56	XR	48.587085	103.529605	2114.06	2094.49	19.57	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	2003BR	D48765	41.2	SMB218		CALCULATED BORE	908+71.2		90871.2		X56	XR	48.587025	103.529463	2114.07	2088.63	25.44	ARO	41.2	25.3	D48765	D48765		NOTE 1
3/4/2014	2004BR	D48765	41.2	SMB219		CALCULATED BORE	909+12.4		90912.4		X56	XR	48.586965	103.529319	2114.08	2084.64	29.44	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	2005BR	D48765	41.2	SMB220		CALCULATED BORE	909+53.6		90953.6		X56	XR	48.586905	103.529175	2114.09	2082.52	31.57	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	2006BR	D48765	41.2	SMB221		CALCULATED BORE	909+94.8		90994.8		X56	XR	48.586845	103.529031	2114.10	2082.28	31.82	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	2007BR	D48765	41.2	SMB222		CALCULATED BORE	910+36.0		91036.0		X56	XR	48.586785	103.528887	2114.11	2083.92	30.19	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	2008BR	D48765	41.2	SMB223		CALCULATED BORE	910+77.2		91077.2		X56	XR	48.586726	103.528743	2114.12	2087.44	26.68	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	2009BR	D48765	41.2	SMB224		CALCULATED BORE	911+18.4		91118.4		X56	XR	48.586666	103.528600	2114.12	2092.82	21.30	ARO	80.6	41.2	D48765	D48765		NOTE 1
3/4/2014	2010BR	D48765	80.6	SMT237	0.322		911+99.0		91199.0	8 IN	X56	XR	48.586551	103.528324	2115.30	2108.70	6.60	ARO	12.2	41.2	SC1212-128	D48765		
3/4/2014	2110	SC1212-128	12.2	SMT238	0.322		912+11.2		91211.2	8 IN	X56	XR	48.586533	103.528282	2115.30	2109.60	5.70	FBE	50.2	80.6	TC1211-71	D48765		
3/4/2014	2111	TC1211-71	50.2	SM1963	0.322		912+61.3		91261.3	8 IN	X56	XR	48.586460	103.528106	2116.20	2111.00	5.20	FBE	50.2	12.2	SC1215-73	SC1212-128		
3/4/2014	2112	SC1215-73	50.2	SM1964	0.322		913+11.6		91311.6	8 IN	X56	XR	48.586385	103.527932	2115.30	2109.90	5.40	FBE	50.3	50.2	SC1207-66	TC1211-71		
3/4/2014	2113	SC1207-66	50.3	SM1965	0.322	CALCULATED XR POINT, NO COAT INFO	913+61.9		91361.9	8 IN	X56	XR	48.586311	103.527757	2112.20	2107.32	4.88		50.3	50.2	SC1207-66	SC1215-73		
3/4/2014	2114	SC1207-66	50.3	SM1966	0.322	CALCULATED XR POINT, NO COAT INFO	914+12.2		91412.2	8 IN	X56	XR	48.586237	103.527581	2115.30	2110.94	4.36		50.2	50.3	SC1212-128	SC1207-66		
3/4/2014	2115	SC1212-128	50.2	SM1967	0.322	CALCULATED XR POINT, NO COAT INFO	914+62.4		91462.4	8 IN	X56	XR	48.586163	103.527406	2117.20	2111.46	5.74		50.2	50.3	SC1215-73	SC1207-66		
3/4/2014	2116	SC1215-73	50.2	SM1968	0.322	CALCULATED XR POINT, NO COAT INFO	915+12.6		91512.6	8 IN	X56	XR	48.586089	103.527231	2117.20	2111.98	5.22		49.6	50.2	SC1212-128	SC1212-128		
3/4/2014	2117	SC1212-128	49.6	SM1969	0.322	CALCULATED XR POINT, NO COAT INFO	915+62.2		91562.2	8 IN	X56	XR	48.586016	103.527059	2119.50	2113.39	6.11		50.2	50.2	NC0742-70	SC1215-73		
3/4/2014	2118	NC0742-70	50.2	SM1970	0.322	CALCULATED XR POINT, NO COAT INFO	916+12.4		91612.4	8 IN	X56	XR	48.585943	103.526884	2120.00	2113.01	6.99		50.3	49.6	NC0748-149	SC1212-128		
3/4/2014	2119	NC0748-149	50.3	SM1971	0.322	CALCULATED XR POINT, NO COAT INFO	916+62.7		91662.7	8 IN	X56	XR	48.585869	103.526708	2120.00	2113.53	6.47		41.5	50.2	NC0744-61	NC0742-70		
3/4/2014	2120	NC0744-61	41.5	SM1972	0.322	CALCULATED XR POINT, NO COAT INFO	917+04.2		91704.2	8 IN	X56	XR	48.585807	103.526564	2119.40	2113.95	5.45		43.1	50.3	SC1207-66	NC0748-149		
3/4/2014	2121	SC1207-66	43.1	SM1973	0.322		917+47.3		91747.3	8 IN	X56	XR	48.585744	103.526413	2120.00	2114.40	5.60	FBE	36.7	41.5	SC1214-62	NC0744-61		
3/4/2014	2122	SC1214-62	36.7	SM1974	0.322	CALCULATED XR POINT, NO COAT INFO	917+84.0		91784.0	8 IN	X56	XR	48.585690	103.526285	2120.00	2114.36	5.64		50.0	43.1	SC1215-72	SC1207-66		
3/4/2014	2123	SC1215-72	50.0	SM1975	0.322	CALCULATED XR POINT, NO COAT INFO	918+34.0		91834.0	8 IN	X56	XR	48.585617	103.526111	2119.40	2114.32	5.08		32.7	36.7	NC0744-61	SC1214-62		
3/4/2014	2124	NC0744-61	32.7	SM1976	0.322	CALCULATED XR POINT, NO COAT INFO	918+66.7		91866.7	8 IN	X56	XR	48.585568	103.525997	2116.70	2111.49	5.21		50.2	50.0	TC1211-69	SC1215-72		
3/4/2014	2125	TC1211-69	50.2	SM1977	0.322	CALCULATED XR POINT, NO COAT INFO	919+16.9		91916.9	8 IN	X56	XR	48.585495	103.525822	2112.50	2107.15	5.35		50.3	32.7	NC0743-68	NC0744-61		
3/4/2014	2126	NC0743-68	50.3	SM1978	0.322	CALCULATED XR POINT, NO COAT INFO	919+67.2		91967.2	8 IN	X56	XR	48.585421	103.525647	2110.50	2105.02	5.48		50.2	50.2	NC0748-161	TC1211-69		
3/4/2014	2127	NC0748-161	50.2	SM1979	0.322	CALCULATED XR POINT, NO COAT INFO	920+17.4		92017.4	8 IN	X56	XR	48.585347	103.525472	2110.30	2104.69	5.61		49.5	50.3	NC0748-55	NC0743-68		
3/4/2014	2128	NC0748-55	49.5	SM1980	0.322	CALCULATED XR POINT, NO COAT INFO	920+66.9		92066.9	8 IN	X56	XR	48.585274	103.525299	2111.09	2105.35	5.74		50.3	50.2	SC1215-75	NC0748-161		
3/4/2014	2129	SC1215-75	50.3	SM1981	0.322	CALCULATED XR POINT, NO COAT INFO	921+17.2		92117.2	8 IN	X56	XR	48.585200	103.525124	2111.20	2105.32	5.88		50.2	49.5	TC1211-69	NC0748-55		
3/4/2014	2130	TC1211-69	50.2	SM1982	0.322	CALCULATED XR POINT, NO COAT INFO	921+67.4		92167.4	8 IN	X56	XR	48.585126	103.524949	2120.00	2113.99	6.01		50.2	50.3	SC1215-75	SC1215-75		
3/4/2014	2131	SC1215-75	50.2	SM1983	0.322	CALCULATED XR POINT, NO COAT INFO	922+17.6		92217.6	8 IN	X56	XR	48.585052	103.524774	2120.00	2113.94	6.06		50.2	50.2	NC0745-27	TC1211-69		
3/4/2014	2132	NC0745-27	50.2	SM1984	0.322	CALCULATED XR POINT, NO COAT INFO	922+67.8		92267.8	8 IN	X56	XR	48.584979	103.524599	2120.00	2113.89	6.11		50.2	50.2	NC0743-32	SC1215-75		
3/4/2014	2133	NC0743-32	50.2	SM1985	0.322	CALCULATED XR POINT, NO COAT INFO	923+18.0		92318.0	8 IN	X56	XR	48.584905	103.524424	2119.00	2113.84	5.16		49.9	50.2	NC0743-68	NC0745-27		
3/4/2014	2134	NC0743-68	49.9	SM1986	0.322	CALCULATED XR POINT, NO COAT INFO	923+67.9		92367.9	8 IN	X56	XR	48.584831	103.524250	2119.30	2113.80	5.50		49.9	50.2	NC0743-68	NC0743-32		
3/4/2014	2135	NC0743-68	49.9	SM1987	0.322	CALCULATED XR POINT, NO COAT INFO	924+17.8		92417.8	8 IN	X56	XR	48.584758	103.524076	2120.00	2113.75	6.25		48.1	49.9	SC1214-76	NC0743-68		
3/4/2014	2136	SC1214-76	48.1	SM1988	0.322		924+65.9		92465.9	8 IN	X56	XR	48.584687	103.523908	2120.40	2113.70	6.70	FBE	50.2	49.9	NC0743-68	NC0743-68		
3/4/2014	2137	NC0743-28	50.2	SM1989	0.322	CALCULATED XR POINT, NO COAT INFO	925+16.1		92516.1	8 IN	X56	XR	48.584613	103.523733	2119.60	2112.96	6.64		50.2	48.1	NC0743-32	SC1214-76		
3/4/2014	2138	NC0743-32	50.2	SM1990	0.322	CALCULATED XR POINT, NO COAT INFO	925+66.3		92566.3	8 IN	X56	XR	48.584539	103.523559	2119.60	2113.07	6.53		50.2	50.2	SC1209-31	NC0743-28		
3/4/2014	2139	SC1209-31	50.2	SM1991	0.322	CALCULATED XR POINT, NO COAT INFO	926+16.5		92616.5	8 IN	X56	XR	48.584465	103.523384	2117.90	2111.48	6.42		50.2	50.2	NC0743-30	NC0743-32		
3/4/2014	2140	NC0743-30	50.2	SM1992	0.322	CALCULATED XR POINT, NO COAT INFO	926+66.7		92666.7	8 IN	X56	XR	48.584391	103.523209	2120.00	2114.04	5.96		48.7	50.2	NC0742-35	SC1209-31		
3/4/2014	2141	NC0742-35	48.7	SM1993	0.322	CALCULATED XR POINT, NO COAT INFO	927+15.4		92715.4	8 IN	X56	XR	48.584319	103.523040	2120.00	2114.51	5.49		50.2	50.2	NC0743-30	NC0743-30		
3/4/2014	2142	NC0743-30	50.2	SM1994	0.322	CALCULATED XR POINT, NO COAT INFO	927+65.6		92765.6	8 IN	X56	XR	48.584245	103.522865	2113.10	2108.07	5.03		49.6	48.7	SC1209-31	NC0742-35		
3/4/2014	2143	SC1209-31	49.6	SM1995	0.322	CALCULATED XR POINT, NO COAT INFO	928+15.2		92815.2	8 IN	X56	XR	48.584172	103.522692	2113.10	2108.54	4.56		50.2	50.2	NC0743-30	NC0743-30		
3/4/2014	2144	NC0743-30	50.2	SM1996	0.322	CALCULATED XR POINT, NO COAT INFO	928+65.4		92865.4	8 IN	X56	XR	48.584097	103.522517	2106.60	2102.00	4.60		50.2	49.6	SC1209-33	SC1209-31		
3/4/2014	2145	SC1209-33	50.2	SM1997	0.322	CALCULATED XR POINT, NO COAT INFO	929+15.6		92915.6	8 IN	X56	XR	48.584023	103.522343	2106.60	2101.96	4.64		50.0	50.2	SC1209-33	NC0743-30		
3/4/2014	2146	SC1209-33	50.0	SM1998	0.322	CALCULATED XR POINT, NO COAT INFO	929+65.6		92965.6	8 IN	X56	XR	48.583949	103.522169	2103.18	2098.50	4.68		50.2	50.2	SC1208-25	SC1209-33		
3/4/2014	2147	SC1208-25	50.2	SM1999	0.322	CALCULATED XR POINT, NO COAT INFO	930+15.8		93015.8	8 IN	X56	XR	48.583875	103.521994	2102.50	2097.78	4.72		50.3	50.0	SC1212-26	SC1209-33		
3/4/2014	2148	SC1212-26	50.3	SM2000	0.322	CALCULATED XR POINT, NO COAT INFO	930+66.1		93066.1	8 IN	X56	XR	48.583801	103.521819	2102.75	2097.99	4.76		50.0	50.2	NC0742-35	SC1208-25		
3/4/2014	2149	NC0742-35	50.0	SM2001	0.322	CALCULATED XR POINT, NO COAT INFO	931+16.2		93116.2	8 IN	X56	XR	48.583727	103.521645	2103.30	2098.50	4.80		49.4	50.3	NCG742-35	SC1212-26		
3/4/2014	2150	NCG742-35	49.4	SM2002	0.322	CALCULATED XR POINT, NO COAT INFO	931+65.6		93165.6	8 IN	X56	XR	48.583654	103.521473	2103.60	2098.76	4.84		50.3	50.0	NC0742-38	NC0742-35		
3/4/2014	2151	NC0742-38	50.3	SM2003	0.322	CALCULATED XR POINT, NO COAT INFO	932+15.9		93215.9	8 IN	X56	XR	48.583580	103.521298	2104.10	2099.22	4.88		49.6	49.4	NC0745-35	NCG742-35		
3/4/2014	2152	NC0745-35	49.6	SM2004	0.322	CALCULATED XR POINT, NO COAT INFO	932+65.5		93265.5	8 IN	X56	XR	48.583507	103.521125	2104.45	2099.53	4.92		50.1	50.3	NC0743-30	NC0742-38		
3/4/2014	2153	NC0743-30	50.1	SM2005	0.322	CALCULATED XR POINT, NO COAT INFO	933+15.6		93315.6	8 IN	X56	XR	48.583433	103.520951	2106.10	2101.15	4.95		50.6	49.6	SC1209-34	NC0745-35		
3/4/2014	2154	SC1209-34	50.6	SM2006	0.322		933+66.2		93366.2	8 IN	X56	XR	48.583358	103.520775	2105.30	2100.40	4.90	FBE	50.2	50.1	NC0743-37	NC0743-30		
3/4/2014	2155	NC0743-37	50.2	SM2007	0.322		934+16.4		93416.4	8 IN	X56	XR	48.583284	103.520599	2106.10	2101.40	4.70	FBE	45.8	50.6	NC0743-68	SC1209-34		
3/4/2014	2156	NC0743-68	45.8	SMT239	0.322		934+62.2		93462.2	8 IN	X56	XR	48.583216	103.520441	2107.60	2102.60	5.00	FBE	4.8	50.2	C30174	NC0743-37		
3/4/2014	F33	C30174	4.8	SMT240	0.322	FACTORY BEND	934+67.0	P.I. < 3°04'18" LT.	93467.0	8 IN	X56	XR	48.583211	103.520423	2107.60	2102.80	4.80	FBE	50.3	45.8	SC1209-57	NC0743-68		
3/4/2014	2157	SC1209-57	50.3	SM2008	0.322		935+17.3		93517.3	8 IN	X56	XR	48.583207	103.520216	2109.00	2103.90	5.10	FBE	50.2	4.8	NC0742-35	C30174		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 202	SHEET No. 102 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2158	NC0742-35	50.2	SM2009	0.322		935+67.5		93567.5	8 IN	X56	XR	48.583204	103.520009	2111.40	2106.20	5.20	FBE	50.2	50.3	NC0743-30	SC1209-57		
3/4/2014	2159	NC0743-30	50.2	SM2010	0.322	CALCULATED XR POINT, NO COAT INFO	936+17.7		93617.7	8 IN	X56	XR	48.583204	103.519802	2113.40	2107.56	5.84		50.3	50.2	NC0741-176	NC0742-35		
3/4/2014	2160	NC0741-176	50.3	SM2011	0.322	CALCULATED XR POINT, NO COAT INFO	936+68.0		93668.0	8 IN	X56	XR	48.583203	103.519594	2115.30	2108.93	6.37		50.2	50.2	NC0743-30	NC0743-30		
3/4/2014	2161	NC0743-30	50.2	SM2012	0.322	CALCULATED XR POINT, NO COAT INFO	937+18.2		93718.2	8 IN	X56	XR	48.583203	103.519387	2116.78	2110.29	6.49		50.2	50.3	NC0742-35	NC0741-176		
3/4/2014	2162	NC0742-35	50.2	SM2013	0.322	CALCULATED XR POINT, NO COAT INFO	937+68.4		93768.4	8 IN	X56	XR	48.583203	103.519179	2117.40	2111.65	5.75		50.2	50.2	SC1209-34	NC0743-30		
3/4/2014	2163	SC1209-34	50.2	SM2014	0.322	CALCULATED XR POINT, NO COAT INFO	938+18.7		93818.7	8 IN	X56	XR	48.583203	103.518972	2118.60	2113.02	5.58		50.1	50.2	NC0742-35	NC0742-35		
3/4/2014	2164	NC0742-35	50.1	SM2015	0.322	CALCULATED XR POINT, NO COAT INFO	938+68.8		93868.8	8 IN	X56	XR	48.583203	103.518765	2120.40	2114.38	6.02		50.2	50.2	NC0743-30	SC1209-34		
3/4/2014	2165	NC0743-30	50.2	SM2016	0.322	CALCULATED XR POINT, NO COAT INFO	939+19.0		93919.0	8 IN	X56	XR	48.583202	103.518557	2122.30	2115.74	6.56		50.2	50.1	SC1209-31	NC0742-35		
3/4/2014	2166	SC1209-31	50.2	SM2017	0.322		939+69.2		93969.2	8 IN	X56	XR	48.583202	103.518350	2122.30	2117.10	5.20	FBE	50.3	50.2	SC1212-128	NC0743-30		
3/4/2014	2167	SC1212-128	50.3	SM2018	0.322	CALCULATED XR POINT, NO COAT INFO	940+19.5		94019.5	8 IN	X56	XR	48.583202	103.518142	2122.30	2117.98	4.32		50.0	50.2	SC1215-73	SC1209-31		
3/4/2014	2168	SC1215-73	50.0	SM2019	0.322	CALCULATED XR POINT, NO COAT INFO	940+69.5		94069.5	8 IN	X56	XR	48.583202	103.517936	2124.34	2118.86	5.48		50.3	50.3	TC1211-71	SC1212-128		
3/4/2014	2169	TC1211-71	50.3	SM2020	0.322	CALCULATED XR POINT, NO COAT INFO	941+19.8		94119.8	8 IN	X56	XR	48.583202	103.517728	2125.32	2119.74	5.58		50.3	50.0	TC1211-71	SC1215-73		
3/4/2014	2170	TC1211-71	50.3	SM2021	0.322	CALCULATED XR POINT, NO COAT INFO	941+70.1		94170.1	8 IN	X56	XR	48.583202	103.517520	2126.19	2120.62	5.57		50.0	50.3	NC0742-38	TC1211-71		
3/4/2014	2171	NC0742-38	50.0	SM2022	0.322	CALCULATED XR POINT, NO COAT INFO	942+20.1		94220.1	8 IN	X56	XR	48.583202	103.517314	2127.06	2121.49	5.57		37.0	50.3	SC1209-34	TC1211-71		
3/4/2014	2172	SC1209-34	37.0	SM2023	0.322	CALCULATED XR POINT, NO COAT INFO	942+57.1		94257.1	8 IN	X56	XR	48.583202	103.517161	2127.70	2122.14	5.56		50.3	50.0	TC1211-71	NC0742-38		
3/4/2014	2173	TC1211-71	50.3	SM2024	0.322	CALCULATED XR POINT, NO COAT INFO	943+07.4		94307.4	8 IN	X56	XR	48.583202	103.516953	2128.58	2123.02	5.56		50.4	37.0	SC1212-26	SC1209-34		
3/4/2014	2174	SC1212-26	50.4	SM2025	0.322		943+57.9		94357.9	8 IN	X56	XR	48.583202	103.516745	2129.55	2123.90	5.65	FBE	50.3	50.3	SC1208-25	TC1211-71		
3/4/2014	2175	SC1208-25	50.3	SM2026	0.322		944+08.1		94408.1	8 IN	X56	XR	48.583203	103.516537	2129.90	2124.90	5.00	FBE	49.7	50.4	SC1208-25	SC1212-26		
3/4/2014	2176	SC1208-25	49.7	SMT241	0.322		944+57.9		94457.9	8 IN	X56	XR	48.583203	103.516332	2130.20	2126.20	4.00	FBE	49.4	50.3	SC1209-44	SC1208-25		
3/4/2014	2180	SC1209-44	49.4	SMT242	0.322		945+07.3		94507.3	8 IN	X56	XR	48.583200	103.516127	2131.90	2127.10	4.80	FBE	7.6	49.7	D48765	SC1208-25		
3/4/2014	873BRA	D48765	7.6	SMB211		CALCULATED BORE	945+14.9		94514.9		X56	XR	48.583201	103.516097	2130.60	2124.93	5.67	ARO	41.2	49.4	D48765	SC1209-44		NOTE 1
3/4/2014	872BR	D48765	41.2			CALCULATED BORE, MISSING XR	945+56.1		94556.1		X56	XR	48.583201	103.515931	2130.92	2116.45	14.47	ARO	41.2	7.6	D48765	D48765		
3/4/2014	2000BR	D48765	41.2	SMB212		CALCULATED BORE	945+97.3		94597.3		X56	XR	48.583202	103.515761	2130.91	2113.69	17.22	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	2001BR	D48765	41.2	SMB213		CALCULATED BORE	946+38.5		94638.5		X56	XR	48.583203	103.515591	2130.90	2116.70	14.20	ARO	41.1	41.2	D48765	D48765		NOTE 1
3/4/2014	2002BR	D48765	41.1	SMT243	0.322		946+79.7		94679.7	8 IN	X56	XR	48.583203	103.515425	2130.80	2125.40	5.40	ARO	28.8	41.2	SC1209-49	D48765		
3/4/2014	2178	SC1209-49	28.8	SM2027	0.322		947+08.5		94708.5	8 IN	X56	XR	48.583201	103.515306	2130.00	2124.80	5.20	FBE	45.2	41.1	TC1211-47	D48765		
3/4/2014	2177	TC1211-47	45.2	SMT244	0.322		947+53.7	P.I. < 13°10'42" RT.	94753.7	8 IN	X56	XR	48.583196	103.515119	2130.00	2125.40	4.60	FBE	9.1	28.8	C30174	SC1209-49		
3/4/2014	F34	C30174	9.1	SMT245	0.322	FACTORY BEND	947+62.8	P.I. < 14°53'55" RT.	94762.8	8 IN	X56	XR	48.583180	103.515097	2130.00	2125.70	4.30	FBE	41.1	45.2	NC0743-32	TC1211-47		
3/4/2014	2181	NC0743-32	41.1	SMT246	0.322		948+03.8		94803.8	8 IN	X56	XR	48.583068	103.515099	2130.00	2126.00	4.00	FBE	50.2	9.1	NC0742-38	C30174		
3/4/2014	2182	NC0742-38	50.2	SM2028	0.322		948+54.0		94854.0	8 IN	X56	XR	48.582930	103.515096	2129.80	2124.80	5.00	FBE	50.4	41.1	SC1209-34	NC0743-32		
3/4/2014	2183	SC1209-34	50.4	SM2029	0.322		949+04.4		94904.4	8 IN	X56	XR	48.582792	103.515097	2129.50	2124.50	5.00	FBE	49.6	50.2	SC1209-33	NC0742-38		
3/4/2014	2184	SC1209-33	49.6	SM2030	0.322	CALCULATED XR POINT, NO COAT INFO	949+54.0		94954.0	8 IN	X56	XR	48.582656	103.515097	2129.50	2124.04	5.46		50.1	50.4	NC0742-35	SC1209-34		
3/4/2014	2185	NC0742-35	50.1	SM2031	0.322	CALCULATED XR POINT, NO COAT INFO	950+04.1		95004.1	8 IN	X56	XR	48.582519	103.515098	2128.70	2123.58	5.12		49.5	49.6	NC0742-38	SC1209-33		
3/4/2014	2186	NC0742-38	49.5	SM2032	0.322	CALCULATED XR POINT, NO COAT INFO	950+53.6		95053.6	8 IN	X56	XR	48.582383	103.515098	2129.20	2123.13	6.07		50.2	50.1	NC0743-39	NC0742-35		
3/4/2014	2187	NC0743-39	50.2	SM2033	0.322	CALCULATED XR POINT, NO COAT INFO	951+03.8		95103.8	8 IN	X56	XR	48.582246	103.515099	2128.70	2122.66	6.04		50.3	49.5	NC0743-40	NC0742-38		
3/4/2014	2188	NC0743-40	50.3	SM2034	0.322		951+54.1		95154.1	8 IN	X56	XR	48.582108	103.515099	2127.50	2122.20	5.30	FBE	49.6	50.2	SC1208-41	NC0743-39		
3/4/2014	2189	SC1208-41	49.6	SM2035	0.322	CALCULATED XR POINT, NO COAT INFO	952+03.7		95203.7	8 IN	X56	XR	48.581972	103.515099	2128.00	2121.89	6.11		50.2	50.3	SC1209-34	NC0743-40		
3/4/2014	2190	SC1209-34	50.2	SM2036	0.322	CALCULATED XR POINT, NO COAT INFO	952+53.9		95253.9	8 IN	X56	XR	48.581834	103.515100	2128.00	2121.57	6.43		50.2	49.6	SC1209-34	SC1208-41		
3/4/2014	2191	SC1209-34	50.2	SM2037	0.322	CALCULATED XR POINT, NO COAT INFO	953+04.1		95304.1	8 IN	X56	XR	48.581697	103.515100	2127.30	2121.25	6.05		50.2	50.2	NC0743-32	SC1209-34		
3/4/2014	2192	NC0743-32	50.2	SM2038	0.322	CALCULATED XR POINT, NO COAT INFO	953+54.3		95354.3	8 IN	X56	XR	48.581559	103.515100	2128.00	2121.63	6.37		50.2	50.2	NC0743-40	SC1209-34		
3/4/2014	2193	NC0743-40	50.2	SM2039	0.322	CALCULATED XR POINT, NO COAT INFO	954+04.5		95404.5	8 IN	X56	XR	48.581422	103.515100	2127.30	2120.62	6.68		50.2	50.2	NC0743-32	NC0743-32		
3/4/2014	2194	NC0743-32	50.2	SM2040	0.322		954+54.6		95454.6	8 IN	X56	XR	48.581284	103.515101	2125.90	2120.30	5.60	FBE	50.2	50.2	SC1209-33	NC0743-40		
3/4/2014	2195	SC1209-33	50.2	SM2041	0.322		955+04.8		95504.8	8 IN	X56	XR	48.581147	103.515101	2124.80	2119.40	5.40	FBE	50.3	50.2	NC0743-29	NC0743-32		
3/4/2014	2196	NC0743-29	50.3	SMT247	0.322		955+55.1		95555.1	8 IN	X56	XR	48.581009	103.515103	2125.00	2119.40	5.60	FBE	9.2	50.2	NC0742-56	SC1209-33		
3/4/2014	2266	NC0742-56	9.2	SMT248	0.322		955+64.2	P.I. < 14°25'51" LT.	95564.2	8 IN	X56	XR	48.580984	103.515103	2125.00	2119.40	5.60	FBE	6.2	50.3	C30174	NC0743-29		
3/4/2014	F35	C30174	6.2	SMT249	0.322	FACTORY BEND	955+70.4	P.I. < 5°12'26" LT.	95570.4	8 IN	X56	XR	48.580970	103.515089	2123.22	2119.10	4.12	FBE	43.5	9.2	NC0743-37	NC0742-56		
3/4/2014	2197	NC0743-37	43.5	SM2042	0.322		956+14.0		95614.0	8 IN	X56	XR	48.580904	103.514940	2122.80	2117.70	5.10	FBE	50.3	6.2	SC1209-33	C30174		
3/4/2014	2198	SC1209-33	50.3	SM2043	0.322		956+64.3		95664.3	8 IN	X56	XR	48.580831	103.514764	2125.00	2119.60	5.40	FBE	32.6	43.5	TC1211-59	NC0743-37		
3/4/2014	2199	TC1211-59	32.6	SM2044	0.322	CALCULATED XR POINT, NO COAT INFO	956+96.9		95696.9	8 IN	X56	XR	48.580784	103.514650	2127.30	2121.84	5.46		50.2	50.3	NC0742-35	SC1209-33		
3/4/2014	2200	NC0742-35	50.2	SM2045	0.322	CALCULATED XR POINT, NO COAT INFO	957+47.1		95747.1	8 IN	X56	XR	48.580710	103.514475	2128.40	2122.88	5.52		47.9	32.6	SC1209-31	TC1211-59		
3/4/2014	2201	SC1209-31	47.9	SM2046	0.322	CALCULATED XR POINT, NO COAT INFO	957+95.0		95795.0	8 IN	X56	XR	48.580640	103.514307	2129.50	2123.93	5.57		50.2	50.2	NC0742-35	NC0742-35		
3/4/2014	2202	NC0742-35	50.2	SM2047	0.322	CALCULATED XR POINT, NO COAT INFO	958+45.2		95845.2	8 IN	X56	XR	48.580567	103.514132	2130.60	2124.97	5.63		50.2	47.9	NC0743-30	SC1209-31		
3/4/2014	2203	NC0743-30	50.2	SM2048	0.322	CALCULATED XR POINT, NO COAT INFO	958+95.4		95895.4	8 IN	X56	XR	48.580493	103.513956	2130.60	2124.92	5.68		50.3	50.2	SC1212-128	NC0742-35		
3/4/2014	2204	SC1212-128	50.3	SM2049	0.322	CALCULATED XR POINT, NO COAT INFO	959+45.7		95945.7	8 IN	X56	XR	48.580420	103.513781	2130.30	2124.56	5.74		49.8	50.2	NC0743-67	NC0743-30		
3/4/2014	2205	NC0743-67	49.8	SM2050	0.322	CALCULATED XR POINT, NO COAT INFO	959+95.5		95995.5	8 IN	X56	XR	48.580347	103.513607	2124.20	2118.40	5.80		50.2	50.3	SC1209-31	SC1212-128		
3/4/2014	2206	SC1209-31	50.2	SM2051	0.322	CALCULATED XR POINT, NO COAT INFO	960+45.7		96045.7	8 IN	X56	XR	48.580273	103.513431	2126.80	2120.95	5.85		50.0	49.8	SC1209-33	NC0743-67		
3/4/2014	2207	SC1209-33	50.0	SM2052	0.322	CALCULATED XR POINT, NO COAT INFO	960+95.7		96095.7	8 IN	X56	XR	48.580200	103.513257	2122.10	2116.20	5.90		50.3	50.2	SC1209-33	SC1209-31		
3/4/2014	2208	SC1209-33	50.3	SM2053	0.322		961+46.0		96146.0	8 IN	X56	XR	48.580127	103.513081	2121.40	2115.80	5.60	FBE	50.2	50.0	NC0743-32	SC1209-33		
3/4/2014	2209	NC0743-32	50.2	SM2054	0.322	CALCULATED XR POINT, NO COAT INFO	961+96.2		96196.2	8 IN	X56	XR	48.580053	103.512906	2122.00	2116.26	5.74		50.2	50.3	SC1209-31	SC1209-33		
3/4/2014	2210	SC1209-31	50.2	SM2055	0.322	CALCULATED XR POINT, NO COAT INFO	962+46.4		96246.4	8 IN	X56	XR	48.579980	103.512730	2123.70	2116.71	6.99		50.2	50.2	SC1209-33	NC0743-32		
3/4/2014	2211	SC1209-33	50.2	SM2056	0.322	CALCULATED XR POINT, NO COAT INFO	962+96.6		96296.6	8 IN	X56	XR	48.579906	103.512555	2125.80	2118.84	6.96		50.2	50.2	SC1209-31	SC1209-31		
3/4/2014	2212	SC1209-31	50.2	SM2057	0.322	CALCULATED XR POINT, NO COAT INFO	963+46.8		96346.8	8 IN	X56	XR	48.579833	103.512380	2127.30	2120.38	6.92		49.6	50.2	NC0743-30	SC1209-33		
3/4/2014	2213	NC0743-30	49.6	SM2058	0.322	CALCULATED XR POINT, NO COAT INFO	963+96.4		96396.4	8 IN	X56	XR	48.579760	103.512207	2127.30	2120.41	6.89		50.0	50.2	NC0743-40	SC1209-31		
3/4/2014	2214	NC0743-40	50.0	SM2059	0.322	CALCULATED XR POINT, NO COAT INFO	964+46.4		96446.4	8 IN	X56	XR	48.579687	103.512032	2128.40	2121.55	6.85		50.2	49.6	NC0742-38	NC0743-30		
3/4/2014	2215	NC0742-38	50.2	SM2060	0.322	CALCULATED XR POINT, NO COAT INFO	964+96.6		96496.6	8 IN	X56	XR	48.579613	103.511857	2125.80	2118.98	6.82		50.2	50.0	NC0748-38	NC0743-40		
3/4/2014	2216	NC0748-38	50.2	SM2061	0.322	CALCULATED XR POINT, NO COAT INFO	965+46.8		96546.8	8 IN	X56	XR	48.579540	103.511681	2125.80	2119.44	6.36		44.2	50.2	NC0743-39	NC0742-38		
3/4/2014	2217	NC0743-39	44.2	SM2062	0.322	CALCULATED XR POINT, NO COAT INFO	965+91.0		96591.0	8 IN	X56	XR	48.579475	103.511527	2125.70	2119.84	5.86		50.4	50.2	NC0743-40	NC0748-38		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 203	SHEET No. 103 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2218	NC0743-40	50.4	SM2063	0.322		966+41.4		96641.4	8 IN	X56	XR	48.579401	103.511351	2125.80	2120.30	5.50	FBE	50.2	44.2	SC1210-36	NC0743-39		
3/4/2014	2219	SC1210-36	50.2	SM2064	0.322	CALCULATED XR POINT, NO COAT INFO	966+91.6		96691.6	8 IN	X56	XR	48.579328	103.511176	2125.70	2120.36	5.34		50.2	50.4	NC0743-37	NC0743-40		
3/4/2014	2220	NC0743-37	50.2	SM2065	0.322	CALCULATED XR POINT, NO COAT INFO	967+41.8		96741.8	8 IN	X56	XR	48.579254	103.511001	2126.45	2120.41	6.04		50.2	50.2	SC1209-34	SC1210-36		
3/4/2014	2221	SC1209-34	50.2	SM2066	0.322	CALCULATED XR POINT, NO COAT INFO	967+92.0		96792.0	8 IN	X56	XR	48.579181	103.510825	2127.30	2120.47	6.83		50.2	50.2	SC1210-36	NC0743-37		
3/4/2014	2222	SC1210-36	50.2	SM2067	0.322	CALCULATED XR POINT, NO COAT INFO	968+42.2		96842.2	8 IN	X56	XR	48.579107	103.510650	2127.10	2120.52	6.58		50.2	50.2	SC1210-36	SC1209-34		
3/4/2014	2223	SC1210-36	50.2	SM2068	0.322	CALCULATED XR POINT, NO COAT INFO	968+92.4		96892.4	8 IN	X56	XR	48.579033	103.510475	2127.00	2120.58	6.42		50.1	50.2	SC1209-33	SC1210-36		
3/4/2014	2224	SC1209-33	50.1	SM2069	0.322	CALCULATED XR POINT, NO COAT INFO	969+42.5		96942.5	8 IN	X56	XR	48.578960	103.510300	2127.00	2120.63	6.37		50.1	50.2	NC0743-40	SC1210-36		
3/4/2014	2225	NC0743-40	50.1	SM2070	0.322	CALCULATED XR POINT, NO COAT INFO	969+92.6		96992.6	8 IN	X56	XR	48.578887	103.510125	2126.20	2120.69	5.51		50.1	50.1	NC0743-40	SC1209-33		
3/4/2014	2226	NC0743-40	50.1	SM2071	0.322	CALCULATED XR POINT, NO COAT INFO	970+42.7		97042.7	8 IN	X56	XR	48.578813	103.509950	2126.40	2120.74	5.66		50.6	50.1	NC0743-37	NC0743-40		
3/4/2014	2227	NC0743-37	50.6	SM2072	0.322		970+93.3		97093.3	8 IN	X56	XR	48.578739	103.509773	2126.00	2120.80	5.20	FBE	50.3	50.1	SC1208-25	NC0743-40		
3/4/2014	2228	SC1208-25	50.3	SM2073	0.322	CALCULATED XR POINT, NO COAT INFO	971+43.6		97143.6	8 IN	X56	XR	48.578666	103.509598	2126.00	2120.52	5.48		49.8	50.6	SC1212-26	NC0743-37		
3/4/2014	2229	SC1212-26	49.8	SM2074	0.322	CALCULATED XR POINT, NO COAT INFO	971+93.4		97193.4	8 IN	X56	XR	48.578593	103.509424	2125.90	2120.24	5.66		50.2	50.3	NC0743-37	SC1208-25		
3/4/2014	2230	NC0743-37	50.2	SM2075	0.322	CALCULATED XR POINT, NO COAT INFO	972+43.6		97243.6	8 IN	X56	XR	48.578519	103.509248	2126.60	2119.96	6.64		50.0	49.8	NC0743-37	SC1212-26		
3/4/2014	2231	NC0743-37	50.0	SM2076	0.322	CALCULATED XR POINT, NO COAT INFO	972+93.6		97293.6	8 IN	X56	XR	48.578446	103.509074	2126.10	2119.67	6.43		47.7	50.2	SC1208-41	NC0743-37		
3/4/2014	2232	SC1208-41	47.7	SM2077	0.322	CALCULATED XR POINT, NO COAT INFO	973+41.3		97341.3	8 IN	X56	XR	48.578376	103.508907	2126.10	2119.41	6.69		50.2	50.0	SC1208-41	NC0743-37		
3/4/2014	2233	SC1208-41	50.2	SM2078	0.322	CALCULATED XR POINT, NO COAT INFO	973+91.5		97391.5	8 IN	X56	XR	48.578303	103.508732	2126.10	2119.12	6.98		50.2	47.7	NC0743-37	SC1208-41		
3/4/2014	2234	NC0743-37	50.2	SM2079	0.322	CALCULATED XR POINT, NO COAT INFO	974+41.7		97441.7	8 IN	X56	XR	48.578229	103.508556	2126.10	2119.71	6.39		50.2	50.2	NC0742-38	SC1208-41		
3/4/2014	2235	NC0742-38	50.2	SM2080	0.322	CALCULATED XR POINT, NO COAT INFO	974+91.9		97491.9	8 IN	X56	XR	48.578156	103.508381	2126.10	2120.29	5.81		50.2	50.2	NC0743-38	NC0743-37		
3/4/2014	2236	NC0743-38	50.2	SM2081	0.322	CALCULATED XR POINT, NO COAT INFO	975+42.1		97542.1	8 IN	X56	XR	48.578083	103.508206	2123.50	2118.28	5.22		49.6	50.2	SC1210-36	NC0742-38		
3/4/2014	2237	SC1210-36	49.6	SM2082	0.322		975+91.7		97591.7	8 IN	X56	XR	48.578010	103.508032	2123.70	2118.00	5.70	FBE	50.3	50.2	SC1210-36	NC0743-38		
3/4/2014	2238	SC1210-36	50.3	SM2083	0.322	CALCULATED XR POINT, NO COAT INFO	976+42.0		97642.0	8 IN	X56	XR	48.577936	103.507857	2123.70	2117.28	6.42		50.3	49.6	SC1210-36	SC1210-36		
3/4/2014	2239	SC1210-36	50.3	SM2084	0.322	CALCULATED XR POINT, NO COAT INFO	976+92.3		97692.3	8 IN	X56	XR	48.577862	103.507681	2122.30	2116.55	5.75		50.3	50.3	SC1210-36	SC1210-36		
3/4/2014	2240	SC1210-36	50.3	SM2085	0.322	CALCULATED XR POINT, NO COAT INFO	977+42.6		97742.6	8 IN	X56	XR	48.577788	103.507506	2123.34	2117.67	5.67		50.2	50.3	SC1208-25	SC1210-36		
3/4/2014	2241	SC1208-25	50.2	SM2086	0.322	CALCULATED XR POINT, NO COAT INFO	977+92.8		97792.8	8 IN	X56	XR	48.577715	103.507331	2122.30	2116.70	5.60		50.2	50.3	NC0742-38	SC1210-36		
3/4/2014	2242	NC0742-38	50.2	SM2087	0.322	CALCULATED XR POINT, NO COAT INFO	978+43.0		97843.0	8 IN	X56	XR	48.577641	103.507156	2119.90	2114.38	5.52		50.3	50.2	SC1208-25	SC1208-25		
3/4/2014	2243	SC1208-25	50.3	SM2088	0.322	CALCULATED XR POINT, NO COAT INFO	978+93.4		97893.4	8 IN	X56	XR	48.577567	103.506980	2119.30	2113.66	5.64		50.2	50.2	SC1208-25	NC0742-38		
3/4/2014	2244	SC1208-25	50.2	SM2089	0.322	CALCULATED XR POINT, NO COAT INFO	979+43.6		97943.6	8 IN	X56	XR	48.577493	103.506805	2119.10	2112.94	6.16		50.2	50.3	NC0743-39	SC1208-25		
3/4/2014	2245	NC0743-39	50.2	SM2090	0.322	CALCULATED XR POINT, NO COAT INFO	979+93.8		97993.8	8 IN	X56	XR	48.577419	103.506630	2117.50	2112.21	5.29		50.1	50.2	SC1209-33	SC1208-25		
3/4/2014	2246	SC1209-33	50.1	SM2091	0.322	CALCULATED XR POINT, NO COAT INFO	980+43.9		98043.9	8 IN	X56	XR	48.577346	103.506455	2119.10	2113.71	5.39		50.2	50.2	NC0741-55	NC0743-39		
3/4/2014	2247	NC0741-55	50.2	SM2092	0.322	CALCULATED XR POINT, NO COAT INFO	980+94.1		98094.1	8 IN	X56	XR	48.577272	103.506280	2118.15	2112.65	5.50		38.2	50.1	SC1214-48	SC1209-33		
3/4/2014	2248	SC1214-48	38.2	SM2093	0.322	CALCULATED XR POINT, NO COAT INFO	981+32.3		98132.3	8 IN	X56	XR	48.577216	103.506147	2117.50	2111.90	5.60		50.1	50.2	NC0743-30	NC0741-55		
3/4/2014	2249	NC0743-30	50.1	SM2094	0.322		981+82.4		98182.4	8 IN	X56	XR	48.577142	103.505972	2115.20	2109.50	5.70	FBE	48.3	38.2	SC1209-44	SC1214-48		
3/4/2014	2250	SC1209-44	48.3	SM2095	0.322	CALCULATED XR POINT, NO COAT INFO	982+30.7		98230.7	8 IN	X56	XR	48.577071	103.505804	2114.40	2109.70	4.70		50.2	50.1	SC1209-43	NC0743-30		
3/4/2014	2251	SC1209-43	50.2	SM2096	0.322	CALCULATED XR POINT, NO COAT INFO	982+80.9		98280.9	8 IN	X56	XR	48.576998	103.505629	2114.00	2109.92	4.08		32.4	48.3	NC0750-45	SC1209-44		
3/4/2014	2252	NC0750-45	32.4	SM2097	0.322	CALCULATED XR POINT, NO COAT INFO	983+13.3		98313.3	8 IN	X56	XR	48.576950	103.505516	2113.45	2109.17	4.28		28.8	50.2	NC0741-50	SC1209-43		
3/4/2014	2253	NC0741-50	28.8	SM2098	0.322	CALCULATED XR POINT, NO COAT INFO	983+42.1		98342.1	8 IN	X56	XR	48.576908	103.505415	2112.90	2108.42	4.48		50.2	32.4	SC1209-46	NC0750-45		
3/4/2014	2254	SC1209-46	50.2	SM2099	0.322	CALCULATED XR POINT, NO COAT INFO	983+92.3		98392.3	8 IN	X56	XR	48.576834	103.505240	2112.90	2108.22	4.68		50.3	28.8	NC0742-52	NC0741-50		
3/4/2014	2255	NC0742-52	50.3	SM2100	0.322	CALCULATED XR POINT, NO COAT INFO	984+42.6		98442.6	8 IN	X56	XR	48.576760	103.505065	2112.00	2107.13	4.87		49.9	50.2	SC1214-63	SC1209-46		
3/4/2014	2256	SC1214-63	49.9	SM2101	0.322	CALCULATED XR POINT, NO COAT INFO	984+92.5		98492.5	8 IN	X56	XR	48.576687	103.504891	2114.20	2109.13	5.07		50.2	50.3	SC1209-43	NC0742-52		
3/4/2014	2257	SC1209-43	50.2	SM2102	0.322	CALCULATED XR POINT, NO COAT INFO	985+42.7		98542.7	8 IN	X56	XR	48.576613	103.504716	2114.60	2109.33	5.27		50.2	49.9	NC0743-39	SC1214-63		
3/4/2014	2258	NC0743-39	50.2	SM2103	0.322	CALCULATED XR POINT, NO COAT INFO	985+92.9		98592.9	8 IN	X56	XR	48.576539	103.504541	2116.70	2111.23	5.47		50.3	50.2	NC0742-38	SC1209-43		
3/4/2014	2259	NC0742-38	50.3	SM2104	0.322	CALCULATED XR POINT, NO COAT INFO	986+43.2		98643.2	8 IN	X56	XR	48.576465	103.504365	2117.50	2111.44	6.06		49.8	50.2	SC1210-36	NC0743-39		
3/4/2014	2260	SC1210-36	49.8	SM2105	0.322	CALCULATED XR POINT, NO COAT INFO	986+93.0		98693.0	8 IN	X56	XR	48.576392	103.504192	2117.90	2111.65	6.25		50.3	50.3	NC0743-37	NC0742-38		
3/4/2014	2261	NC0743-37	50.3	SM2106	0.322	CALCULATED XR POINT, NO COAT INFO	987+43.3		98743.3	8 IN	X56	XR	48.576318	103.504016	2118.20	2111.87	6.33		50.3	49.8	NC0743-37	SC1210-36		
3/4/2014	2262	NC0743-37	50.3	SM2107	0.322	CALCULATED XR POINT, NO COAT INFO	987+93.6		98793.6	8 IN	X56	XR	48.576245	103.503841	2118.10	2112.08	6.02		50.2	50.3	NC0743-39	NC0743-37		
3/4/2014	2263	NC0743-39	50.2	SM2108	0.322	CALCULATED XR POINT, NO COAT INFO	988+43.8		98843.8	8 IN	X56	XR	48.576171	103.503666	2117.30	2112.29	5.01		49.7	50.3	SC1209-46	NC0743-37		
3/4/2014	2264	SC1209-46	49.7	SM2109	0.322		988+93.5		98893.5	8 IN	X56	XR	48.576098	103.503492	2118.10	2112.50	5.60	FBE	50.2	50.2	NC0742-70	NC0743-39		
3/4/2014	2265	NC0742-70	50.2	SM2110	0.322		989+43.7		98943.7	8 IN	X56	XR	48.576026	103.503316	2117.70	2112.50	5.20	FBE	37.5	49.7	NC0742-56	SC1209-46		
3/4/2014	2266A	NC0742-56	37.5	SMT251	0.322		989+81.2	P.I. < 10°21'58" LT.	98981.2	8 IN	X56	XR	48.575972	103.503184	2117.30	2112.80	4.50	FBE	4.5	50.2	C30174	NC0742-70		
3/4/2014	F36	C30174	4.5	SMT252	0.322	FACTORY BEND	989+85.7	P.I. < 7°37'17" LT.	98985.7	8 IN	X56	XR	48.575971	103.503166	2117.30	2112.80	4.50	FBE	48.4	37.5	SC1214-63	NC0742-56		
3/4/2014	2267	SC1214-63	48.4	SM2111	0.322		990+34.1	P.I. < 3°06'52" RT.	99034.1	8 IN	X56	XR	48.576007	103.502974	2117.30	2112.00	5.30	FBE	50.4	4.5	NC0743-29	C30174		
3/4/2014	2268	NC0743-29	50.4	SM2112	0.322		990+84.5		99084.5	8 IN	X56	XR	48.576037	103.502770	2117.30	2112.70	4.60	FBE	50.2	48.4	NC0743-29	SC1214-63		
3/4/2014	2269	NC0743-29	50.2	SM2113	0.322	CALCULATED XR POINT, NO COAT INFO	991+34.8		99134.8	8 IN	X56	XR	48.576068	103.502568	2117.30	2111.37	5.93		50.2	50.4	SC1209-33	NC0743-29		
3/4/2014	2270	SC1209-33	50.2	SM2114	0.322	CALCULATED XR POINT, NO COAT INFO	991+85.0		99185.0	8 IN	X56	XR	48.576099	103.502366	2114.30	2110.03	4.27		50.0	50.2	SC1209-34	NC0743-29		
3/4/2014	2271	SC1209-34	50.0	SM2115	0.322		992+35.0		99235.0	8 IN	X56	XR	48.576130	103.502165	2114.30	2108.70	5.60	FBE	50.1	50.2	SC1209-34	SC1209-33		
3/4/2014	2272	SC1209-34	50.1	SM2116	0.322		992+85.1		99285.1	8 IN	X56	XR	48.576161	103.501963	2111.60	2106.60	5.00	FBE	50.1	50.0	NC0743-40	SC1209-34		
3/4/2014	2273	NC0743-40	50.1	SMT253	0.322		993+35.2		99335.2	8 IN	X56	XR	48.576195	103.501763	2110.80	2106.20	4.60	FBE	38.8	50.1	NC0743-37	SC1209-34		
3/4/2014	2274	NC0743-37	38.8	SMT254	0.322		993+74.1	P.I. < 12°18'00" RT.	99374.1	8 IN	X56	XR	48.576222	103.501608	2109.90	2105.90	4.00	FBE	9.1	50.1	C30174	NC0743-40		
3/4/2014	F37	C30174	9.1	SMT285	0.322	FACTORY BEND	993+83.1	P.I. < 16°33'17" RT.	99383.1	8 IN	X56	XR	48.576211	103.501580	2109.90	2105.30	4.60	FBE	50.6	38.8	SC1210-36	NC0743-37		
3/4/2014	2275	SC1210-36	50.6	SM2117	0.322		994+33.7		99433.7	8 IN	X56	XR	48.576077	103.501528	2105.80	2100.50	5.30	FBE	50.3	9.1	NC0742-35	C30174		
3/4/2014	2276	NC0742-35	50.3	SM2118	0.322		994+84.0		99484.0	8 IN	X56	XR	48.575945	103.501473	2103.40	2098.10	5.30	FBE	50.2	50.6	SC1214-48	SC1210-36		
3/4/2014	2277	SC1214-48	50.2	SM2119	0.322		995+34.1		99534.1	8 IN	X56	XR	48.575813	103.501416	2099.90	2095.80	4.10	FBE	40.8	50.3	NC0745-52	NC0742-35		
3/4/2014	2278	NC0745-52	40.8	SMT704	0.322		995+75.0	P.I. < 4°10'56" LT.	99575.0	8 IN	X56	XR	48.575706	103.501367	2097.10	2093.00	4.10	FBE	5.7	50.2	SB60873	SC1214-48		
3/4/2014	V1-1	SB60873	5.7	SMT705	0.322		995+80.7		99580.7	8 IN	X56	XR	48.575691	103.501359	2097.10	2092.80	4.30	FBE	6.1	40.8	C26266	NC0745-52		
3/4/2014	V1-F1	C26266	6.1	SMT706	0.322	VALVE	995+86.8	P.I. < 4°28'28" LT.	99586.8	8 IN	X56	XR	48.575677	103.501353	2097.10	2095.00	2.10	FBE	4.3	5.7	SB60873	SB60873		
3/4/2014	V1-2	SB60873	4.3	SMT707	0.322	VALVE	995+91.1	P.I. < 2°51'31" RT.	99591.1	8 IN	X56	XR	48.575669	103.501349	2097.10	2098.00	-0.90	FBE	6.7	6.1	C26266	C26266		
3/4/2014	V1F2	C26266	6.7	SMF76	0.322	VALVE	995+97.8	P.I. < 10°21'43" RT.	99597.8	8 IN	X56	XR	48.575653	103.501340	2096.60	2100.10	-3.50	BARE STEEL	2.0	4.3	37627	SB60873		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 204	SHEET No. 104 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	V1-6	37627	2.0	SMF59	0.322	VALVE	995+99.8	P.I. < 5°08'38" LT.	99599.8	8 IN	X56	XR	48.575648	103.501338	2096.60	2100.10	-3.50	BARE STEEL	3.2	6.7		C26266		
3/4/2014	VALVE		3.2	SMF56	0.322	VALVE, NO HEAT #	996+03.0	P.I. < 6°42'05" RT.	99603.0	8 IN	X56	XR	48.575640	103.501334	2096.60	2100.00	-3.40	BARE STEEL	1.1	2.0	13104	37627		
3/4/2014	V1-T1	13104	1.1	SMF55	0.322	VALVE	996+04.0	P.I. < 2°51'36" LT.	99604.0	8 IN	X56	XR	48.575637	103.501333	2096.60	2100.00	-3.40	BARE STEEL	2.0	3.2	37627			
3/4/2014	V1-3	37627	2.0	SMF77	0.322	VALVE	996+06.0		99606.0	8 IN	X56	XR	48.575632	103.501331	2096.60	2100.00	-3.40	BARE STEEL	6.5	1.1	C26266	13104		
3/4/2014	V1-F4	C26266	6.5	SMT708	0.322	VALVE	996+12.5	P.I. < 5°23'00" LT.	99612.5	8 IN	X56	XR	48.575617	103.501326	2096.60	2097.50	-0.90	FBE	5.9	2.0	SB60873	37627		
3/4/2014	V1-5	SB60873	5.9	SMT709	0.322	VALVE	996+18.4		99618.4	8 IN	X56	XR	48.575606	103.501320	2096.47	2093.30	3.17	FBE	6.1	6.5	C26266	C26266		
3/4/2014	V1-F3	C26266	6.1	SMT710	0.322		996+24.5		99624.5	8 IN	X56	XR	48.575592	103.501315	2095.60	2090.90	4.70	FBE	6.1	5.9	SB60873	SB60873		
3/4/2014	V1-4	SB60873	6.1	SMT711	0.322		996+30.5		99630.5	8 IN	X56	XR	48.575576	103.501308	2095.60	2090.80	4.80	FBE	9.0	6.1	SC1207-54	C26266		
3/4/2014	2280	SC1207-54	9.0	SMT256	0.322		996+39.5		99639.5	8 IN	X56	XR	48.575552	103.501297	2095.60	2090.70	4.90	FBE	48.0	6.1	NC1207-52	SB60873		
3/4/2014	2279	NC1207-52	48.0	SMT257	0.322		996+87.5		99687.5	8 IN	X56	XR	48.575426	103.501244	2094.50	2090.50	4.00	FBE	41.2	9.0	D48763	SC1207-54		
3/4/2014	861BR	D48763	41.2	SMB214		CALCULATED BORE	997+28.7		99728.7		X56	XR	48.575318	103.501202	2095.10	2083.01	12.09	ARO	41.2	48.0	D48763	NC1207-52		NOTE 1
3/4/2014	870BR	D48763	41.2	SMB215		CALCULATED BORE	997+69.9		99769.9		X56	XR	48.575209	103.501160	2095.75	2081.91	13.84	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	2011BR	D48765	41.2	SMB216		CALCULATED BORE	998+11.1		99811.1		X56	XR	48.575100	103.501117	2094.20	2087.22	6.98	ARO	11.4	41.2	D48763	D48763		NOTE 1
3/4/2014	871BR	D48763	11.4	SMT263	0.322		998+22.5	P.I. < 3°43'27" LT.	99822.5	8 IN	X56	XR	48.575071	103.501106	2094.35	2089.80	4.55	ARO	37.3	41.2	SC1209-49	D48765		
3/4/2014	2281	SC1209-49	37.3	SMT264	0.322		998+59.8	P.I. < 23°24'14" LT.	99859.8	8 IN	X56	XR	48.574974	103.501058	2094.31	2090.20	4.11	FBE	6.4	11.4	C30174	D48763		
3/4/2014	F38	C30174	6.4	SMT265	0.322	FACTORY BEND	998+66.2	P.I. < 12°03'15" LT.	99866.2	8 IN	X56	XR	48.574966	103.501036	2094.31	2089.90	4.41	FBE	46.4	37.3	NC0745-52	SC1209-49		
3/4/2014	2282	NC0745-52	46.4	SM2120	0.322	NO COATING INFO	999+12.6		99912.6	8 IN	X56	XR	48.574973	103.500845	2092.00	2087.20	4.80		31.0	6.4	SC1207-54	C30174		
3/4/2014	2283	SC1207-54	31.0	SM2121	0.322	NO COATING INFO	999+43.5		99943.5	8 IN	X56	XR	48.574978	103.500718	2088.90	2084.20	4.70		29.6	46.4	SC1209-49	NC0745-52		
3/4/2014	2284	SC1209-49	29.6	SM2122	0.322	NO COATING INFO	999+73.2		99973.2	8 IN	X56	XR	48.574982	103.500596	2087.90	2082.60	5.30		38.0	31.0	SC1213-53	SC1207-54		
3/4/2014	2285	SC1213-53	38.0	SM2123	0.322	NO COATING INFO	1000+11.2		100011.2	8 IN	X56	XR	48.574987	103.500439	2088.40	2082.50	5.90		40.7	29.6	TC1211-47	SC1209-49		
3/4/2014	2286	TC1211-47	40.7	SM2124	0.322	NO COATING INFO	1000+51.9		100051.9	8 IN	X56	XR	48.574994	103.500271	2090.00	2084.80	5.20		50.1	38.0	SC1207-54	SC1213-53		
3/4/2014	2287	SC1207-54	50.1	SM2125	0.322		1001+02.0		100102.0	8 IN	X56	XR	48.575005	103.500065	2091.60	2087.20	4.40	FBE	8.2	40.7	CS1209-42	TC1211-47		
3/4/2014	2288A	CS1209-42	8.2	SMT261	0.322		1001+10.2		100110.2	8 IN	X56	XR	48.575006	103.500032	2091.00	2086.80	4.20	FBE	7.8	50.1	SC1209-42	SC1207-54		
3/4/2014	2288B	SC1209-42	7.8	SMT262	0.322		1001+18.0		100118.0	8 IN	X56	XR	48.575007	103.500000	2090.20	2086.10	4.10	FBE	34.0	8.2	CS1209-42	CS1209-42		
3/4/2014	2288	CS1209-42	34.0	SM2126	0.322		1001+52.0		100152.0	8 IN	X56	XR	48.575013	103.499860	2088.40	2084.00	4.40	FBE	50.3	7.8	SC1214-62	SC1209-42		
3/4/2014	2289	SC1214-62	50.3	SM2127	0.322	NO COATING INFO	1002+02.3		100202.3	8 IN	X56	XR	48.575019	103.499652	2089.20	2084.40	4.80		50.2	34.0	NC0742-56	CS1209-42		
3/4/2014	2290	NC0742-56	50.2	SM2128	0.322	NO COATING INFO	1002+52.5		100252.5	8 IN	X56	XR	48.575028	103.499446	2093.70	2088.70	5.00		50.2	50.3	NC0743-29	SC1214-62		
3/4/2014	2291	NC0743-29	50.2	SM2129	0.322	NO COATING INFO	1003+02.7		100302.7	8 IN	X56	XR	48.575036	103.499241	2100.50	2094.50	6.00		50.2	50.2	NC0743-29	NC0742-56		
3/4/2014	2292	NC0743-29	50.2	SM2130	0.322	NO COATING INFO	1003+52.9		100352.9	8 IN	X56	XR	48.575044	103.499034	2103.20	2097.30	5.90		50.2	50.2	SC1208-25	NC0743-29		
3/4/2014	2293	SC1208-25	50.2	SM2131	0.322	NO COATING INFO	1004+03.1		100403.1	8 IN	X56	XR	48.575053	103.498827	2102.50	2097.60	4.90		50.1	50.2	NC0743-40	NC0743-29		
3/4/2014	2294	NC0743-40	50.1	SM2132	0.322		1004+53.2		100453.2	8 IN	X56	XR	48.575063	103.498621	2103.10	2098.10	5.00	FBE	49.5	50.2	NC0743-40	SC1208-25		
3/4/2014	2295	NC0743-40	49.5	SM2133	0.322		1005+02.6		100502.6	8 IN	X56	XR	48.575072	103.498417	2103.20	2098.30	4.90	FBE	49.0	50.1	NC0743-40	NC0743-40		
3/4/2014	2296	NC0743-40	49.0	SM2134	0.322		1005+51.7		100551.7	8 IN	X56	XR	48.575081	103.498215	2101.80	2097.50	4.30	FBE	49.1	49.5	NC0743-40	NC0743-40		
3/4/2014	2297	NC0743-40	49.1	SM2135	0.322		1006+00.8		100600.8	8 IN	X56	XR	48.575092	103.498013	2098.30	2093.50	4.80	FBE	49.3	49.0	NC0750-45	NC0743-40		
3/4/2014	2298	NC0750-45	49.3	SM2136	0.322		1006+50.1		100650.1	8 IN	X56	XR	48.575100	103.497810	2098.80	2093.30	5.50	FBE	50.3	49.1	SC1213-53	NC0743-40		
3/4/2014	2299	SC1213-53	50.3	SM2137	0.322		1007+00.4		100700.4	8 IN	X56	XR	48.575105	103.497603	2101.00	2096.30	4.70	FBE	50.2	49.3	NC0742-56	NC0750-45		
3/4/2014	2300	NC0742-56	50.2	SM2138	0.322		1007+50.6		100750.6	8 IN	X56	XR	48.575110	103.497396	2104.70	2098.10	6.60	FBE	50.2	50.3	SC1209-43	SC1213-53		
3/4/2014	2301	SC1209-43	50.2	SM2139	0.322		1008+00.8		100800.8	8 IN	X56	XR	48.575116	103.497189	2104.50	2098.90	5.60	FBE	49.6	50.2	SC1213-53	NC0742-56		
3/4/2014	2302	SC1213-53	49.6	SM2140	0.322		1008+50.4		100850.4	8 IN	X56	XR	48.575126	103.496984	2104.30	2099.30	5.00	FBE	50.3	50.2	NC0745-52	SC1209-43		
3/4/2014	2303	NC0745-52	50.3	SM2141	0.322		1009+00.7		100900.7	8 IN	X56	XR	48.575136	103.496777	2105.00	2099.90	5.10	FBE	50.3	49.6	NC0741-50	SC1213-53		
3/4/2014	2304	NC0741-50	50.3	SM2142	0.322		1009+51.0		100951.0	8 IN	X56	XR	48.575147	103.496570	2104.90	2099.00	5.90	FBE	48.8	50.3	NC0750-45	NC0745-52		
3/4/2014	2305	NC0750-45	48.8	SM2143	0.322		1009+99.8		100999.8	8 IN	X56	XR	48.575155	103.496369	2104.80	2098.90	5.90	FBE	50.4	50.3	NC0741-20	NC0741-50		
3/4/2014	2306	NC0741-20	50.4	SM2144	0.322		1010+50.2		101050.2	8 IN	X56	XR	48.575162	103.496161	2104.80	2099.70	5.10	FBE	50.4	48.8	NC0743-32	NC0750-45		
3/4/2014	2307	NC0743-32	50.4	SM2145	0.322		1011+00.6		101100.6	8 IN	X56	XR	48.575168	103.495953	2104.70	2099.70	5.00	FBE	49.8	50.4	SC1213-53	NC0741-20		
3/4/2014	2308	SC1213-53	49.8	SM2146	0.322		1011+50.4		101150.4	8 IN	X56	XR	48.575176	103.495747	2104.70	2099.70	5.00	FBE	50.2	50.4	NC0744-58	NC0743-32		
3/4/2014	2309	NC0744-58	50.2	SM2147	0.322		1012+00.6		101200.6	8 IN	X56	XR	48.575186	103.495541	2104.80	2100.10	4.70	FBE	50.1	49.8	NC0744-58	SC1213-53		
3/4/2014	2310	NC0744-58	50.1	SM2148	0.322		1012+50.7		101250.7	8 IN	X56	XR	48.575196	103.495334	2104.70	2100.10	4.60	FBE	50.3	50.2	NC0750-45	NC0744-58		
3/4/2014	2311	NC0750-45	50.3	SM2149	0.322		1013+01.0		101301.0	8 IN	X56	XR	48.575206	103.495127	2104.70	2100.10	4.60	FBE	50.2	50.1	NC0743-28	NC0744-58		
3/4/2014	2312	NC0743-28	50.2	SM2150	0.322		1013+51.2		101351.2	8 IN	X56	XR	48.575213	103.494920	2105.00	2099.90	5.10	FBE	43.9	50.3	NC0742-35	NC0750-45		
3/4/2014	2313	NC0742-35	43.9	SMT258	0.322		1013+95.0	P.I. < 13°21'15" RT.	101395.0	8 IN	X56	XR	48.575218	103.494739	2104.20	2099.80	4.40	FBE	9.1	50.2	C30174	NC0743-28		
3/4/2014	F39	C30174	9.1	SMT259	0.322	FACTORY BEND	1014+04.2	P.I. < 17°07'28" RT.	101404.2	8 IN	X56	XR	48.575204	103.494715	2104.20	2099.80	4.40	FBE	9.8	43.9	NC0743-37	NC0742-35		
3/4/2014	2274	NC0743-37	9.8	SMT260	0.322		1014+14.0		101414.0	8 IN	X56	XR	48.575177	103.494714	2104.20	2099.60	4.60	FBE	26.1	9.1	SC1214-48	C30174		
3/4/2014	2314	SC1214-48	26.1	SM2151	0.322		1014+40.2		101440.2	8 IN	X56	XR	48.575105	103.494713	2104.70	2099.60	5.10	FBE	50.4	9.8	NC0743-39	NC0743-37		
3/4/2014	2315	NC0743-39	50.4	SM2152	0.322		1014+90.6		101490.6	8 IN	X56	XR	48.574967	103.494713	2105.00	2100.30	4.70	FBE	50.1	26.1	SC1209-43	SC1214-48		
3/4/2014	2316	SC1209-43	50.1	SM2153	0.322		1015+40.7		101540.7	8 IN	X56	XR	48.574829	103.494713	2104.20	2099.10	5.10	FBE	50.5	50.4	SC1213-53	NC0743-39		
3/4/2014	2317	SC1213-53	50.5	SM2154	0.322		1015+91.2		101591.2	8 IN	X56	XR	48.574691	103.494714	2104.10	2098.70	5.40	FBE	49.4	50.1	SC1207-54	SC1209-43		
3/4/2014	2318	SC1207-54	49.4	SM2155	0.322		1016+40.6		101640.6	8 IN	X56	XR	48.574556	103.494713	2103.90	2098.60	5.30	FBE	50.3	50.5	NC0741-55	SC1213-53		
3/4/2014	2319	NC0741-55	50.3	SM2156	0.322		1016+90.9		101690.9	8 IN	X56	XR	48.574418	103.494711	2103.40	2098.10	5.30	FBE	50.2	49.4	NC0743-32	SC1207-54		
3/4/2014	2320	NC0743-32	50.2	SM2157	0.322		1017+41.1		101741.1	8 IN	X56	XR	48.574280	103.494710	2102.20	2096.70	5.50	FBE	50.1	50.3	NC0742-35	NC0741-55		
3/4/2014	2321	NC0742-35	50.1	SM2158	0.322		1017+91.2		101791.2	8 IN	X56	XR	48.574143	103.494708	2099.30	2094.10	5.20	FBE	50.3	50.2	SC1210-36	NC0743-32		
3/4/2014	2322	SC1210-36	50.3	SM2159	0.322		1018+41.5		101841.5	8 IN	X56	XR	48.574005	103.494705	2100.40	2094.80	5.60	FBE	50.2	50.1	SC1208-25	NC0742-35		
3/4/2014	2323	SC1208-25	50.2	SM2160	0.322		1018+91.7		101891.7	8 IN	X56	XR	48.573868	103.494705	2101.00	2095.20	5.80	FBE	50.3	50.3	SC1207-54	SC1210-36		
3/4/2014	2324	SC1207-54	50.3	SM2161	0.322		1019+42.1		101942.1	8 IN	X56	XR	48.573730	103.494708	2098.80	2092.60	6.20	FBE	50.1	50.2	NC0743-39	SC1208-25		
3/4/2014	2325	NC0743-39	50.1	SM2162	0.322		1019+92.2		101992.2	8 IN	X56	XR	48.573594	103.494715	2091.10	2086.10	5.00	FBE	50.2	50.3	NC0742-35	SC1207-54		
3/4/2014	2326	NC0742-35	50.2	SM2163	0.322		1020+42.3		102042.3	8 IN	X56	XR	48.573457	103.494720	2087.20	2082.00	5.20	FBE	49.6	50.1	NC0742-38	NC0743-39		
3/4/2014	2327	NC0742-38	49.6	SM2164	0.322		1020+92.0		102092.0	8 IN	X56	XR	48.573321	103.494720	2086.20	2081.10	5.10	FBE	50.2	50.2	NC0742-38	NC0742-35		
3/4/2014	2328	NC0742-38	50.2	SM2165	0.322		1021+42.1		102142.1	8 IN	X56	XR	48.573184	103.494720	2088.90	2083.00	5.90	FBE	50.2	49.6	SC1209-34	NC0742-38		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 205	SHEET No. 105 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2329	SC1209-34	50.2	SM2166	0.322		1021+92.4		102192.4	8 IN	X56	XR	48.573047	103.494721	2095.20	2089.00	6.20	FBE	50.0	50.2	SC1209-43	NC0742-38		
3/4/2014	2330	SC1209-43	50.0	SM2167	0.322		1022+42.4		102242.4	8 IN	X56	XR	48.572912	103.494719	2104.50	2098.60	5.90	FBE	50.3	50.2	SC1209-43	SC1209-34		
3/4/2014	2331	SC1209-43	50.3	SM2168	0.322		1022+92.7		102292.7	8 IN	X56	XR	48.572778	103.494716	2115.80	2109.60	6.20	FBE	50.1	50.0	SC1214-63	SC1209-43		
3/4/2014	2332	SC1214-63	50.1	SM2169	0.322		1023+42.8		102342.8	8 IN	X56	XR	48.572642	103.494714	2123.40	2117.10	6.30	FBE	50.3	50.3	SC1214-63	SC1209-43		
3/4/2014	2333	SC1214-63	50.3	SM2170	0.322		1023+93.1		102393.1	8 IN	X56	XR	48.572504	103.494715	2123.80	2118.30	5.50	FBE	50.4	50.1	SC1207-54	SC1214-63		
3/4/2014	2334	SC1207-54	50.4	SM2171	0.322		1024+43.5		102443.5	8 IN	X56	XR	48.572366	103.494717	2120.50	2115.00	5.50	FBE	50.2	50.3	SC1209-43	SC1214-63		
3/4/2014	2335	SC1209-43	50.2	SM2172	0.322		1024+93.7		102493.7	8 IN	X56	XR	48.572230	103.494718	2113.30	2107.80	5.50	FBE	50.1	50.4	SC1209-46	SC1207-54		
3/4/2014	2336	SC1209-46	50.1	SM2173	0.322		1025+43.8		102543.8	8 IN	X56	XR	48.572093	103.494719	2110.50	2104.90	5.60	FBE	50.3	50.2	SC1214-48	SC1209-43		
3/4/2014	2337	SC1214-48	50.3	SM2174	0.322		1025+94.1		102594.1	8 IN	X56	XR	48.571956	103.494720	2112.10	2106.40	5.70	FBE	50.2	50.1	SC1209-46	SC1209-46		
3/4/2014	2338	SC1209-46	50.2	SM2175	0.322		1026+44.3		102644.3	8 IN	X56	XR	48.571818	103.494721	2111.90	2106.30	5.60	FBE	49.9	50.3	SC1209-42	SC1214-48		
3/4/2014	2339	SC1209-42	49.9	SM2176	0.322		1026+94.2		102694.2	8 IN	X56	XR	48.571682	103.494721	2114.10	2108.40	5.70	FBE	50.1	50.2	SC1209-46	SC1209-46		
3/4/2014	2340	SC1209-46	50.1	SM2177	0.322		1027+44.2		102744.2	8 IN	X56	XR	48.571547	103.494720	2124.00	2119.00	5.00	FBE	50.4	49.9	NC0742-56	SC1209-42		
3/4/2014	2341	NC0742-56	50.4	SM2178	0.322		1027+94.6		102794.6	8 IN	X56	XR	48.571411	103.494719	2131.00	2126.20	4.80	FBE	50.2	50.1	TC1211-47	SC1209-46		
3/4/2014	2342	TC1211-47	50.2	SM2179	0.322		1028+44.8		102844.8	8 IN	X56	XR	48.571273	103.494720	2131.30	2125.70	5.60	FBE	49.3	50.4	TC1211-47	NC0742-56		
3/4/2014	2343	TC1211-47	49.3	SM2180	0.322		1028+94.1		102894.1	8 IN	X56	XR	48.571139	103.494723	2128.00	2122.40	5.60	FBE	50.1	50.2	TC1211-47	TC1211-47		
3/4/2014	2344	TC1211-47	50.1	SM2181	0.322		1029+44.3		102944.3	8 IN	X56	XR	48.571001	103.494726	2124.20	2118.90	5.30	FBE	50.3	49.3	SC1209-49	TC1211-47		
3/4/2014	2345	SC1209-49	50.3	SM2182	0.322		1029+94.6		102994.6	8 IN	X56	XR	48.570865	103.494725	2118.00	2112.40	5.60	FBE	50.4	50.1	NC0741-55	TC1211-47		
3/4/2014	2346	NC0741-55	50.4	SM2183	0.322		1030+45.0		103045.0	8 IN	X56	XR	48.570729	103.494724	2108.10	2102.70	5.40	FBE	50.1	50.3	SC1209-42	SC1209-49		
3/4/2014	2347	SC1209-42	50.1	SM2184	0.322		1030+95.2		103095.2	8 IN	X56	XR	48.570593	103.494723	2100.10	2095.10	5.00	FBE	49.8	50.4	SC1209-43	NC0741-55		
3/4/2014	2348	SC1209-43	49.8	SM2185	0.322		1031+44.9		103144.9	8 IN	X56	XR	48.570457	103.494724	2098.70	2092.10	6.60	FBE	49.9	50.1	SC1213-51	SC1209-42		
3/4/2014	2349	SC1213-51	49.9	SM2186	0.322		1031+94.8		103194.8	8 IN	X56	XR	48.570320	103.494723	2097.60	2092.30	5.30	FBE	50.3	49.8	NC0741-55	SC1209-43		
3/4/2014	2350	NC0741-55	50.3	SM2187	0.322		1032+45.1		103245.1	8 IN	X56	XR	48.570183	103.494724	2098.20	2093.10	5.10	FBE	31.4	49.9	SC1209-31	SC1213-51		
3/4/2014	2351	SC1209-31	31.4	SM2188	0.322		1032+76.4		103276.4	8 IN	X56	XR	48.570097	103.494725	2098.70	2093.70	5.00	FBE	37.8	50.3	NC0743-40	NC0741-55		
3/4/2014	2352	NC0743-40	37.8	SM2189	0.322		1033+14.2		103314.2	8 IN	X56	XR	48.569993	103.494726	2100.40	2094.90	5.50	FBE	50.3	31.4	SC1214-48	SC1209-31		
3/4/2014	2353	SC1214-48	50.3	SM2190	0.322		1033+64.5		103364.5	8 IN	X56	XR	48.569856	103.494725	2104.40	2099.40	5.00	FBE	50.4	37.8	SC1214-48	NC0743-40		
3/4/2014	2354	SC1214-48	50.4	SM2191	0.322		1034+14.8		103414.8	8 IN	X56	XR	48.569719	103.494724	2111.80	2106.60	5.20	FBE	49.8	50.3	SC1207-54	SC1214-48		
3/4/2014	2355	SC1207-54	49.8	SM2192	0.322		1034+64.6		103464.6	8 IN	X56	XR	48.569584	103.494725	2120.40	2114.20	6.20	FBE	50.1	50.4	SC1214-48	SC1214-48		
3/4/2014	2356	SC1214-48	50.1	SM2193	0.322		1035+14.8		103514.8	8 IN	X56	XR	48.569447	103.494727	2123.10	2117.60	5.50	FBE	47.0	49.8	SC1214-48	SC1207-54		
3/4/2014	2357	SC1214-48	47.0	SM2194	0.322		1035+61.7		103561.7	8 IN	X56	XR	48.569319	103.494726	2122.70	2117.10	5.60	FBE	50.1	50.1	SC1208-41	SC1214-48		
3/4/2014	2358	SC1208-41	50.1	SM2195	0.322		1036+11.9		103611.9	8 IN	X56	XR	48.569181	103.494725	2120.40	2114.70	5.70	FBE	49.6	47.0	SC1213-53	SC1214-48		
3/4/2014	2359	SC1213-53	49.6	SM2196	0.322		1036+61.5		103661.5	8 IN	X56	XR	48.569046	103.494726	2118.50	2112.70	5.80	FBE	49.8	50.1	SC1214-63	SC1208-41		
3/4/2014	2360	SC1214-63	49.8	SM2197	0.322		1037+11.2		103711.2	8 IN	X56	XR	48.568909	103.494727	2117.60	2111.80	5.80	FBE	49.5	49.6	SC1208-41	SC1213-53		
3/4/2014	2361	SC1208-41	49.5	SM2198	0.322		1037+60.8		103760.8	8 IN	X56	XR	48.568773	103.494728	2118.50	2112.70	5.80	FBE	50.4	49.8	SC1213-51	SC1214-63		
3/4/2014	2362	SC1213-51	50.4	SM2199	0.322		1038+11.2		103811.2	8 IN	X56	XR	48.568636	103.494727	2122.50	2117.00	5.50	FBE	50.3	49.5	SC1213-51	SC1208-41		
3/4/2014	2363	SC1213-51	50.3	SM2200	0.322		1038+61.5		103861.5	8 IN	X56	XR	48.568499	103.494726	2127.80	2122.10	5.70	FBE	50.1	50.4	SC1210-157	SC1213-51		
3/4/2014	2364	SC1210-157	50.1	SM2201	0.322		1039+11.6		103911.6	8 IN	X56	XR	48.568362	103.494726	2132.20	2126.50	5.70	FBE	50.2	50.3	TC1211-47	SC1213-51		
3/4/2014	2365	TC1211-47	50.2	SM2202	0.322		1039+61.8		103961.8	8 IN	X56	XR	48.568225	103.494725	2135.30	2129.90	5.40	FBE	50.3	50.1	NC0741-55	SC1210-157		
3/4/2014	2366	NC0741-55	50.3	SM2203	0.322		1040+12.1		104012.1	8 IN	X56	XR	48.568087	103.494726	2136.70	2131.30	5.40	FBE	50.3	50.2	SC1207-54	TC1211-47		
3/4/2014	2367	SC1207-54	50.3	SM2204	0.322		1040+62.4		104062.4	8 IN	X56	XR	48.567949	103.494727	2137.70	2132.40	5.30	FBE	50.4	50.3	NC0744-61	NC0741-55		
3/4/2014	2368	NC0744-61	50.4	SM2205	0.322		1041+12.7		104112.7	8 IN	X56	XR	48.567811	103.494727	2138.80	2133.50	5.30	FBE	50.2	50.3	SC1207-54	SC1207-54		
3/4/2014	2369	SC1207-54	50.2	SM2206	0.322		1041+62.9		104162.9	8 IN	X56	XR	48.567673	103.494729	2138.10	2133.10	5.00	FBE	50.3	50.4	SC1207-54	NC0744-61		
3/4/2014	2370	SC1207-54	50.3	SM2207	0.322		1042+13.2		104213.2	8 IN	X56	XR	48.567536	103.494729	2137.70	2132.60	5.10	FBE	50.1	50.2	SC1214-48	SC1207-54		
3/4/2014	2371	SC1214-48	50.1	SM2208	0.322		1042+63.3		104263.3	8 IN	X56	XR	48.567398	103.494731	2137.90	2132.70	5.20	FBE	50.3	50.3	NC0741-50	SC1207-54		
3/4/2014	2372	NC0741-50	50.3	SM2209	0.322		1043+13.6		104313.6	8 IN	X56	XR	48.567260	103.494731	2138.10	2133.30	4.80	FBE	49.9	50.1	NC0744-51	SC1214-48		
3/4/2014	2373	NC0744-51	49.9	SM2210	0.322		1043+63.5		104363.5	8 IN	X56	XR	48.567124	103.494729	2137.70	2133.20	4.50	FBE	50.3	50.3	NC0744-61	NC0741-50		
3/4/2014	2374	NC0744-61	50.3	SM2211	0.322		1044+13.8		104413.8	8 IN	X56	XR	48.566986	103.494730	2137.90	2133.30	4.60	FBE	49.9	49.9	NC0741-55	NC0744-51		
3/4/2014	2375	NC0741-55	49.9	SM2212	0.322		1044+63.7		104463.7	8 IN	X56	XR	48.566849	103.494734	2137.80	2133.20	4.60	FBE	50.4	50.3	NC0741-55	NC0744-61		
3/4/2014	2376	NC0741-55	50.4	SM2213	0.322		1045+14.1		104514.1	8 IN	X56	XR	48.566711	103.494736	2137.00	2132.60	4.40	FBE	49.8	49.9	NC0750-45	NC0741-55		
3/4/2014	2377	NC0750-45	49.8	SM2214	0.322		1045+63.9		104563.9	8 IN	X56	XR	48.566574	103.494736	2135.40	2131.00	4.40	FBE	49.3	50.4	NC0744-61	NC0741-55		
3/4/2014	2378	NC0744-61	49.3	SM2215	0.322		1046+13.2		104613.2	8 IN	X56	XR	48.566439	103.494734	2135.60	2130.00	5.60	FBE	48.0	49.8	SC1209-46	NC0750-45		
3/4/2014	2379	SC1209-46	48.0	SM2216	0.322		1046+61.2		104661.2	8 IN	X56	XR	48.566308	103.494732	2136.10	2130.10	6.00	FBE	50.2	49.3	SC1209-42	NC0744-61		
3/4/2014	2380	SC1209-42	50.2	SM2217	0.322		1047+11.5		104711.5	8 IN	X56	XR	48.566170	103.494734	2134.70	2130.30	4.40	FBE	49.9	48.0	NC0743-37	SC1209-46		
3/4/2014	2381	NC0743-37	49.9	SM2218	0.322		1047+61.4		104761.4	8 IN	X56	XR	48.566033	103.494735	2135.60	2130.70	4.90	FBE	50.3	50.2	SC1214-63	SC1209-42		
3/4/2014	2382	SC1214-63	50.3	SM2219	0.322		1048+11.6		104811.6	8 IN	X56	XR	48.565895	103.494734	2136.10	2131.50	4.60	FBE	50.2	49.9	NC0748-142	NC0743-37		
3/4/2014	2383	NC0748-142	50.2	SM2220	0.322		1048+61.8		104861.8	8 IN	X56	XR	48.565758	103.494734	2138.20	2132.80	5.40	FBE	49.6	50.3	NC0747-156	SC1214-63		
3/4/2014	2384	NC0747-156	49.6	SM2221	0.322		1049+11.4		104911.4	8 IN	X56	XR	48.565623	103.494735	2142.30	2137.20	5.10	FBE	50.1	50.2	SC1210-157	NC0748-142		
3/4/2014	2385	SC1210-157	50.1	SM2222	0.322		1049+61.5		104961.5	8 IN	X56	XR	48.565486	103.494737	2147.40	2143.20	4.20	FBE	50.3	49.6	NC0748-135	NC0747-156		
3/4/2014	2386	NC0748-135	50.3	SM2223	0.322		1050+11.9		105011.9	8 IN	X56	XR	48.565348	103.494736	2149.70	2145.50	4.20	FBE	50.3	50.1	NC0748-158	SC1210-157		
3/4/2014	2387	NC0748-158	50.3	SM2224	0.322		1050+62.1		105062.1	8 IN	X56	XR	48.565211	103.494738	2150.50	2145.70	4.80	FBE	50.1	50.3	NC0747-156	NC0748-135		
3/4/2014	2388	NC0747-156	50.1	SM2225	0.322		1051+12.3		105112.3	8 IN	X56	XR	48.565073	103.494740	2151.20	2146.00	5.20	FBE	45.8	50.3	NC0747-156	NC0748-158		
3/4/2014	2389	NC0747-156	45.8	SMT267	0.322		1051+58.0		105158.0	8 IN	X56	XR	48.564948	103.494736	2150.50	2145.00	5.50	FBE	48.7	50.1	NC0747-139	NC0747-156		
3/4/2014	2390	NC0747-139	48.7	SMT268	0.322		1052+06.7		105206.7	8 IN	X56	XR	48.564815	103.494735	2146.50	2142.00	4.50	FBE	45.3	45.8	NC0747-141	NC0747-156		
3/4/2014	2392	NC0747-141	45.3	SMT256	0.322		1052+52.1		105252.1	8 IN	X56	XR	48.564691	103.494735	2144.30	2139.70	4.60	FBE	50.2	48.7	NC0747-134	NC0747-139		
3/4/2014	2391	NC0747-134	50.2	SMT269	0.322		1053+02.2		105302.2	8 IN	X56	XR	48.564553	103.494736	2144.00	2139.80	4.20	FBE	50.5	45.3	NC0747-156	NC0747-141		
3/4/2014	2393	NC0747-156	50.5	SM2227	0.322		1053+52.7	P.I. < 6°06'37" RT.	105352.7	8 IN	X56	XR	48.564415	103.494731	2145.20	2140.60	4.60	FBE	50.3	50.2	SC1212-155	NC0747-134		
3/4/2014	2394	SC1212-155	50.3	SM2228	0.322		1054+03.0		105403.0	8 IN	X56	XR	48.564277	103.494732	2143.20	2138.70	4.50	FBE	49.7	50.5	NC0747-158	NC0747-156		
3/4/2014	2395	NC0747-158	49.7	SM2229	0.322		1054+52.6		105452.6	8 IN	X56	XR	48.564141	103.494734	2144.50	2138.80	5.70	FBE	50.5	50.3	NC0747-156	SC1212-155		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 206	SHEET No. 106 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2396	NC0747-156	50.5	SM2230	0.322		1055+03.2		105503.2	8 IN	X56	XR	48.564003	103.494735	2148.30	2142.30	6.00	FBE	50.4	49.7	NC0747-156	NC0747-158		
3/4/2014	2397	NC0747-156	50.4	SM2231	0.322		1055+53.5		105553.5	8 IN	X56	XR	48.563865	103.494735	2151.60	2145.70	5.90	FBE	50.2	50.5	NC0745-131	NC0747-156		
3/4/2014	2398	NC0745-131	50.2	SM2232	0.322		1056+03.7		105603.7	8 IN	X56	XR	48.563728	103.494736	2153.10	2147.20	5.90	FBE	50.2	50.4	SC1210-157	NC0747-156		
3/4/2014	2399	SC1210-157	50.2	SM2233	0.322		1056+53.9		105653.9	8 IN	X56	XR	48.563590	103.494737	2154.10	2148.50	5.60	FBE	42.6	50.2	NC0749-150	NC0745-131		
3/4/2014	2400	NC0749-150	42.6	SM2234	0.322		1056+96.5		105696.5	8 IN	X56	XR	48.563473	103.494737	2155.50	2150.00	5.50	FBE	50.1	50.2	NC0747-156	SC1210-157		
3/4/2014	2401	NC0747-156	50.1	SM2235	0.322		1057+46.7		105746.7	8 IN	X56	XR	48.563336	103.494738	2157.90	2152.40	5.50	FBE	49.6	42.6	SC1212-121	NC0749-150		
3/4/2014	2402	SC1212-121	49.6	SM2236	0.322		1057+96.3		105796.3	8 IN	X56	XR	48.563200	103.494741	2155.80	2150.40	5.40	FBE	49.8	50.1	NC0747-158	NC0747-156		
3/4/2014	2403	NC0747-158	49.8	SM2237	0.322		1058+46.1		105846.1	8 IN	X56	XR	48.563064	103.494741	2151.10	2146.10	5.00	FBE	39.3	49.6	NC0747-141	SC1212-121		
3/4/2014	2404	NC0747-141	39.3	SM2238	0.322		1058+85.4		105885.4	8 IN	X56	XR	48.562957	103.494740	2148.50	2143.00	5.50	FBE	50.3	49.8	SC1209-44	NC0747-158		
3/4/2014	2405	SC1209-44	50.3	SM2239	0.322		1059+35.7		105935.7	8 IN	X56	XR	48.562819	103.494740	2146.50	2141.40	5.10	FBE	50.1	39.3	SC1209-42	NC0747-141		
3/4/2014	2406	SC1209-42	50.1	SM2240	0.322		1059+85.8		105985.8	8 IN	X56	XR	48.562682	103.494738	2146.80	2141.40	5.40	FBE	50.3	50.3	TC1211-59	SC1209-44		
3/4/2014	2407	TC1211-59	50.3	SM2241	0.322		1060+36.1		106036.1	8 IN	X56	XR	48.562544	103.494740	2148.30	2142.60	5.70	FBE	50.3	50.1	SC1214-63	SC1209-42		
3/4/2014	2408	SC1214-63	50.3	SM2242	0.322		1060+86.4		106086.4	8 IN	X56	XR	48.562406	103.494741	2149.70	2144.20	5.50	FBE	49.5	50.3	TC1211-47	TC1211-59		
3/4/2014	2409	TC1211-47	49.5	SM2243	0.322		1061+35.9		106135.9	8 IN	X56	XR	48.562271	103.494742	2148.60	2142.80	5.80	FBE	50.4	50.3	NC0741-55	SC1214-63		
3/4/2014	2410	NC0741-55	50.4	SM2244	0.322		1061+86.4		106186.4	8 IN	X56	XR	48.562133	103.494740	2145.40	2139.60	5.80	FBE	50.3	49.5	SC1213-53	TC1211-47		
3/4/2014	2411	SC1213-53	50.3	SM2245	0.322		1062+36.6		106236.6	8 IN	X56	XR	48.561995	103.494740	2144.60	2138.70	5.90	FBE	50.3	50.4	SC1214-63	NC0741-55		
3/4/2014	2412	SC1214-63	50.3	SM2246	0.322		1062+86.9		106286.9	8 IN	X56	XR	48.561857	103.494739	2144.50	2139.10	5.40	FBE	49.5	50.3	NC0745-52	SC1213-53		
3/4/2014	2413	NC0745-52	49.5	SM2247	0.322		1063+36.4		106336.4	8 IN	X56	XR	48.561721	103.494742	2144.60	2139.20	5.40	FBE	50.4	50.3	NC0745-52	SC1214-63		
3/4/2014	2414	NC0745-52	50.4	SM2248	0.322		1063+86.8		106386.8	8 IN	X56	XR	48.561583	103.494745	2144.40	2138.50	5.90	FBE	50.2	49.5	SC1213-53	NC0745-52		
3/4/2014	2415	SC1213-53	50.2	SM2249	0.322		1064+37.0		106437.0	8 IN	X56	XR	48.561446	103.494748	2145.50	2140.10	5.40	FBE	48.8	50.4	SC1214-48	NC0745-52		
3/4/2014	2416	SC1214-48	48.8	SM2250	0.322		1064+85.8		106485.8	8 IN	X56	XR	48.561312	103.494749	2148.20	2142.80	5.40	FBE	49.6	50.2	SC1215-122	SC1213-53		
3/4/2014	2417	SC1215-122	49.6	SM2251	0.322		1065+35.4		106535.4	8 IN	X56	XR	48.561176	103.494748	2152.00	2145.70	6.30	FBE	50.2	48.8	SC1215-122	SC1214-48		
3/4/2014	2418	SC1215-122	50.2	SM2252	0.322		1065+85.6		106585.6	8 IN	X56	XR	48.561039	103.494744	2153.00	2147.40	5.60	FBE	50.3	49.6	SC1212-121	SC1215-122		
3/4/2014	2419	SC1212-121	50.3	SM2253	0.322		1066+36.0		106636.0	8 IN	X56	XR	48.560901	103.494741	2153.30	2147.70	5.60	FBE	50.4	50.2	SC1213-119	SC1215-122		
3/4/2014	2420	SC1213-119	50.4	SM2254	0.322		1066+86.3		106686.3	8 IN	X56	XR	48.560763	103.494736	2152.00	2146.40	5.60	FBE	49.7	50.3	NC0745-131	SC1212-121		
3/4/2014	2421	NC0745-131	49.7	SM2255	0.322		1067+36.0		106736.0	8 IN	X56	XR	48.560627	103.494732	2150.60	2145.00	5.60	FBE	49.9	50.4	TC1211-118	SC1213-119		
3/4/2014	2422	TC1211-118	49.9	SMT270	0.322		1067+85.9	P.I. < 2°05'47" LT.	106785.9	8 IN	X56	XR	48.560490	103.494734	2146.90	2142.00	4.90	FBE	36.3	49.7	SC1215-122	NC0745-131		
3/4/2014	2423	SC1215-122	36.3	SMT271	0.322		1068+22.2	P.I. < 2°15'53" RT.	106822.2	8 IN	X56	XR	48.560392	103.494729	2144.90	2137.90	7.00	FBE	41.2	49.9	D48765	TC1211-118		
3/4/2014	284BR	D48765	41.2	SMB 228		CALCULATED BORE	1068+63.4		106863.4		X56	XR	48.560292	103.494731	2140.61	2118.17	22.44	ARO	41.2	36.3	D48765	SC1215-122		NOTE 1
3/4/2014	2424BR	D48765	41.2	SMB 229		CALCULATED BORE	1069+04.6		106904.6		X56	XR	48.560179	103.494733	2140.28	2117.27	23.01	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	323BR	D48763	41.2	SMT272	0.322		1069+45.8		106945.8	8 IN	X56	XR	48.560078	103.494735	2141.20	2135.40	5.80	ARO	43.5	41.2	TC1211-120	D48765		
3/4/2014	2425	TC1211-120	43.5	SMT273	0.322		1069+89.3	P.I. < 2°30'50" LT.	106989.3	8 IN	X56	XR	48.559960	103.494741	2144.90	2140.30	4.60	FBE	50.1	41.2	NC0744-116	D48763		
3/4/2014	2426	NC0744-116	50.1	SM2256	0.322		1070+39.4		107039.4	8 IN	X56	XR	48.559823	103.494739	2150.10	2144.90	5.20	FBE	49.5	43.5	TC1211-120	TC1211-120		
3/4/2014	2427	TC1211-120	49.5	SM2257	0.322		1070+88.9		107088.9	8 IN	X56	XR	48.559688	103.494743	2153.30	2148.00	5.30	FBE	50.3	50.1	SC1213-119	NC0744-116		
3/4/2014	2428	SC1213-119	50.3	SM2258	0.322		1071+39.2		107139.2	8 IN	X56	XR	48.559550	103.494746	2153.80	2148.60	5.20	FBE	50.2	49.5	NC0745-131	TC1211-120		
3/4/2014	2429	NC0745-131	50.2	SM2259	0.322		1071+89.4		107189.4	8 IN	X56	XR	48.559412	103.494748	2154.00	2149.00	5.00	FBE	50.4	50.3	TC1211-120	SC1213-119		
3/4/2014	2430	TC1211-120	50.4	SM2260	0.322		1072+39.8		107239.8	8 IN	X56	XR	48.559274	103.494750	2155.70	2150.60	5.10	FBE	50.3	50.2	TC1211-120	NC0745-131		
3/4/2014	2431	TC1211-120	50.3	SM2261	0.322		1072+90.1		107290.1	8 IN	X56	XR	48.559136	103.494750	2157.00	2152.10	4.90	FBE	50.4	50.4	TC1211-118	TC1211-120		
3/4/2014	2432	TC1211-118	50.4	SM2262	0.322		1073+40.4		107340.4	8 IN	X56	XR	48.558999	103.494751	2154.00	2148.70	5.30	FBE	50.0	50.3	TC1211-118	TC1211-120		
3/4/2014	2433	TC1211-118	50.0	SM2263	0.322		1073+90.4		107390.4	8 IN	X56	XR	48.558862	103.494751	2148.50	2143.60	4.90	FBE	50.2	50.4	NC0747-132	TC1211-118		
3/4/2014	2434	NC0747-132	50.2	SM2264	0.322		1074+40.6		107440.6	8 IN	X56	XR	48.558725	103.494751	2143.70	2138.90	4.80	FBE	50.3	50.0	SC1212-121	TC1211-118		
3/4/2014	2435	SC1212-121	50.3	SM2265	0.322		1074+90.9		107490.9	8 IN	X56	XR	48.558588	103.494753	2142.70	2136.60	6.10	FBE	50.3	50.2	SC1212-121	NC0747-132		
3/4/2014	2436	SC1212-121	50.3	SM2266	0.322		1075+41.2		107541.2	8 IN	X56	XR	48.558450	103.494754	2144.20	2137.30	6.90	FBE	49.7	50.3	NC0749-133	SC1212-121		
3/4/2014	2437	NC0749-133	49.7	SM2267	0.322		1075+90.9		107590.9	8 IN	X56	XR	48.558314	103.494756	2142.90	2138.00	4.90	FBE	50.2	50.3	SC1210-123	SC1212-121		
3/4/2014	2438	SC1210-123	50.2	SM2268	0.322		1076+41.1		107641.1	8 IN	X56	XR	48.558176	103.494757	2142.60	2137.20	5.40	FBE	50.3	49.7	TC1211-118	NC0749-133		
3/4/2014	2439	TC1211-118	50.3	SM2269	0.322		1076+91.3		107691.3	8 IN	X56	XR	48.558039	103.494756	2144.20	2139.70	4.50	FBE	50.4	50.2	TC1211-118	SC1210-123		
3/4/2014	2440	TC1211-118	50.4	SM2270	0.322		1077+41.8		107741.8	8 IN	X56	XR	48.557901	103.494753	2148.00	2143.00	5.00	FBE	50.1	50.3	NC0745-131	TC1211-118		
3/4/2014	2441	NC0745-131	50.1	SM2271	0.322		1077+91.9		107791.9	8 IN	X56	XR	48.557763	103.494752	2148.60	2143.80	4.80	FBE	50.3	50.4	SC1210-157	TC1211-118		
3/4/2014	2442	SC1210-157	50.3	SM2272	0.322		1078+42.2		107842.2	8 IN	X56	XR	48.557625	103.494754	2148.80	2144.10	4.70	FBE	50.2	50.1	TC1211-120	NC0745-131		
3/4/2014	2443	TC1211-120	50.2	SM2273	0.322		1078+92.3		107892.3	8 IN	X56	XR	48.557488	103.494755	2150.40	2145.10	5.30	FBE	50.3	50.3	SC1210-153	SC1210-157		
3/4/2014	2444	SC1210-153	50.3	SM2274	0.322		1079+42.6		107942.6	8 IN	X56	XR	48.557350	103.494754	2153.10	2147.80	5.30	FBE	50.3	50.2	NC0741-55	TC1211-120		
3/4/2014	2445	NC0741-55	50.3	SM2275	0.322		1079+92.9		107992.9	8 IN	X56	XR	48.557213	103.494753	2153.10	2148.10	5.00	FBE	50.0	50.3	NC0747-156	SC1210-153		
3/4/2014	2446	NC0747-156	50.0	SM2276	0.322		1080+42.9		108042.9	8 IN	X56	XR	48.557076	103.494751	2150.40	2145.20	5.20	FBE	50.2	50.3	NC0747-156	NC0741-55		
3/4/2014	2447	NC0747-156	50.2	SM2277	0.322		1080+93.1		108093.1	8 IN	X56	XR	48.556938	103.494750	2146.90	2142.10	4.80	FBE	49.7	50.0	NC0747-156	NC0747-156		
3/4/2014	2448	NC0747-156	49.7	SM2278	0.322		1081+42.8		108142.8	8 IN	X56	XR	48.556802	103.494751	2145.30	2140.40	4.90	FBE	50.2	50.2	SC1210-157	NC0747-156		
3/4/2014	2449	SC1210-157	50.2	SM2279	0.322		1081+93.0		108193.0	8 IN	X56	XR	48.556665	103.494752	2144.70	2139.60	5.10	FBE	50.3	49.7	NC0744-116	NC0747-156		
3/4/2014	2450	NC0744-116	50.3	SM2280	0.322		1082+43.3		108243.3	8 IN	X56	XR	48.556527	103.494752	2143.70	2138.70	5.00	FBE	50.2	50.2	NC0747-132	SC1210-157		
3/4/2014	2451	NC0747-132	50.2	SM2281	0.322		1082+93.5		108293.5	8 IN	X56	XR	48.556389	103.494755	2143.00	2137.30	5.70	FBE	50.4	50.3	NC0750-45	NC0744-116		
3/4/2014	2452	NC0750-45	50.4	SM2282	0.322		1083+44.0		108344.0	8 IN	X56	XR	48.556251	103.494758	2142.60	2137.30	5.30	FBE	50.2	50.2	NC0745-131	NC0747-132		
3/4/2014	2453	NC0745-131	50.2	SM2283	0.322		1083+94.1		108394.1	8 IN	X56	XR	48.556114	103.494758	2142.50	2137.60	4.90	FBE	49.9	50.4	SC1209-44	NC0750-45		
3/4/2014	2454	SC1209-44	49.9	SM2284	0.322		1084+44.1		108444.1	8 IN	X56	XR	48.555977	103.494757	2142.60	2137.90	4.70	FBE	50.2	50.2	SC1214-58	NC0745-131		
3/4/2014	2455	SC1214-58	50.2	SM2285	0.322		1084+94.2		108494.2	8 IN	X56	XR	48.555839	103.494754	2143.30	2138.50	4.80	FBE	50.4	49.9	SC1209-44	SC1209-44		
3/4/2014	2456	SC1209-44	50.4	SM2286	0.322		1085+44.6		108544.6	8 IN	X56	XR	48.555701	103.494751	2144.50	2139.60	4.90	FBE	50.2	50.2	SC1214-48	SC1214-58		
3/4/2014	2457	SC1214-48	50.2	SM2287	0.322		1085+94.8		108594.8	8 IN	X56	XR	48.555564	103.494749	2145.10	2140.20	4.90	FBE	50.3	50.4	NC0750-45	SC1209-44		
3/4/2014	2458	NC0750-45	50.3	SM2288	0.322		1086+45.1		108645.1	8 IN	X56	XR	48.555426	103.494752	2141.60	2137.20	4.40	FBE	50.2	50.2	SC1209-42	SC1214-48		
3/4/2014	2459	SC1209-42	50.2	SM2289	0.322		1086+95.3		108695.3	8 IN	X56	XR	48.555289	103.494754	2138.30	2133.40	4.90	FBE	50.0	50.3	SC1209-42	NC0750-45		
3/4/2014	2460	SC1209-42	50.0	SM2290	0.322		1087+45.3		108745.3	8 IN	X56	XR	48.555152	103.494757	2135.80	2130.80	5.00	FBE	50.3	50.2	SC1210-157	SC1209-42		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 207	SHEET No. 107 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2461	SC1210-157	50.3	SM2291	0.322		1087+95.5		108795.5	8 IN	X56	XR	48.555014	103.494758	2134.70	2129.50	5.20	FBE	50.0	50.0	NC0748-163	SC1209-42		
3/4/2014	2462	NC0748-163	50.0	SM2292	0.322		1088+45.5		108845.5	8 IN	X56	XR	48.554877	103.494758	2134.60	2129.10	5.50	FBE	50.3	50.3	NC0747-132	SC1210-157		
3/4/2014	2463	NC0747-132	50.3	SM2293	0.322		1088+95.8		108895.8	8 IN	X56	XR	48.554739	103.494759	2135.30	2129.70	5.60	FBE	50.1	50.0	NC0747-156	NC0748-163		
3/4/2014	2464	NC0747-156	50.1	SM2294	0.322		1089+46.0		108946.0	8 IN	X56	XR	48.554602	103.494761	2135.80	2130.80	5.00	FBE	50.4	50.3	NC0747-158	NC0747-132		
3/4/2014	2465	NC0747-158	50.4	SM2295	0.322		1089+96.4		108996.4	8 IN	X56	XR	48.554464	103.494761	2136.50	2131.50	5.00	FBE	49.9	50.1	NC0745-131	NC0747-156		
3/4/2014	2466	NC0745-131	49.9	SM2296	0.322		1090+46.2		109046.2	8 IN	X56	XR	48.554327	103.494759	2136.00	2131.30	4.70	FBE	49.3	50.4	NC0745-131	NC0747-158		
3/4/2014	2467	NC0745-131	49.3	SM2297	0.322		1090+95.5		109095.5	8 IN	X56	XR	48.554192	103.494757	2135.80	2131.10	4.70	FBE	50.2	49.9	NC0747-156	NC0745-131		
3/4/2014	2468	NC0747-156	50.2	SM2298	0.322		1091+45.7		109145.7	8 IN	X56	XR	48.554055	103.494755	2133.90	2128.40	5.50	FBE	50.3	49.3	NC0747-156	NC0745-131		
3/4/2014	2469	NC0747-156	50.3	SM2299	0.322		1091+96.0	P.I. < 2°01'32" LT.	109196.0	8 IN	X56	XR	48.553918	103.494758	2126.70	2122.30	4.40	FBE	49.9	50.2	NC0747-156	NC0747-156		
3/4/2014	2470	NC0747-156	49.9	SM2300	0.322		1092+45.9		109245.9	8 IN	X56	XR	48.553781	103.494759	2125.30	2120.60	4.70	FBE	50.2	50.3	SC1212-121	NC0747-156		
3/4/2014	2471	SC1212-121	50.2	SM2301	0.322		1092+96.1		109296.1	8 IN	X56	XR	48.553644	103.494761	2130.10	2124.20	5.90	FBE	50.3	49.9	NC0745-131	NC0747-156		
3/4/2014	2472	NC0745-131	50.3	SM2302	0.322		1093+46.5		109346.5	8 IN	X56	XR	48.553506	103.494758	2131.70	2127.40	4.30	FBE	49.4	50.2	SC1215-122	SC1212-121		
3/4/2014	2473	SC1215-122	49.4	SM2303	0.322		1093+95.8		109395.8	8 IN	X56	XR	48.553371	103.494754	2133.80	2128.80	5.00	FBE	50.6	50.3	TC1211-118	NC0745-131		
3/4/2014	2474	TC1211-118	50.6	SM2304	0.322		1094+46.4		109446.4	8 IN	X56	XR	48.553233	103.494753	2130.10	2125.10	5.00	FBE	49.8	49.4	SC1215-122	SC1215-122		
3/4/2014	2475	SC1215-122	49.8	SM2305	0.322		1094+96.2		109496.2	8 IN	X56	XR	48.553097	103.494755	2126.00	2121.00	5.00	FBE	50.2	50.6	SC1212-121	TC1211-118		
3/4/2014	2476	SC1212-121	50.2	SM2306	0.322		1095+46.4		109546.4	8 IN	X56	XR	48.552960	103.494757	2124.10	2119.00	5.10	FBE	50.2	49.8	SC1212-121	SC1215-122		
3/4/2014	2477	SC1212-121	50.2	SM2307	0.322		1095+96.6		109596.6	8 IN	X56	XR	48.552822	103.494758	2123.50	2118.40	5.10	FBE	50.4	50.2	TC1211-118	SC1212-121		
3/4/2014	2478	TC1211-118	50.4	SM2308	0.322		1096+47.0		109647.0	8 IN	X56	XR	48.552684	103.494760	2122.80	2117.80	5.00	FBE	49.7	50.2	SC1212-121	SC1212-121		
3/4/2014	2479	SC1212-121	49.7	SM2309	0.322		1096+96.7		109696.7	8 IN	X56	XR	48.552548	103.494761	2120.50	2115.20	5.30	FBE	50.2	50.4	NC0744-116	TC1211-118		
3/4/2014	2480	NC0744-116	50.2	SM2310	0.322		1097+47.0		109747.0	8 IN	X56	XR	48.552410	103.494759	2117.50	2112.50	5.00	FBE	50.1	49.7	TC1211-120	SC1212-121		
3/4/2014	2481	TC1211-120	50.1	SM2311	0.322		1097+97.0		109797.0	8 IN	X56	XR	48.552273	103.494758	2114.50	2109.60	4.90	FBE	50.3	50.2	NC0744-116	NC0744-116		
3/4/2014	2482	NC0744-116	50.3	SM2312	0.322		1098+47.3		109847.3	8 IN	X56	XR	48.552136	103.494758	2110.10	2105.40	4.70	FBE	49.7	50.1	SC1212-121	TC1211-120		
3/4/2014	2483	SC1212-121	49.7	SM2313	0.322		1098+97.0		109897.0	8 IN	X56	XR	48.552000	103.494759	2108.80	2103.90	4.90	FBE	50.3	50.3	SC1213-119	NC0744-116		
3/4/2014	2484	SC1213-119	50.3	SM2314	0.322		1099+47.3		109947.3	8 IN	X56	XR	48.551862	103.494761	2107.70	2102.90	4.80	FBE	50.5	49.7	TC1211-118	SC1212-121		
3/4/2014	2485	TC1211-118	50.5	SM2315	0.322		1099+97.8		109997.8	8 IN	X56	XR	48.551724	103.494764	2108.30	2103.00	5.30	FBE	50.1	50.3	NC0744-114	SC1213-119		
3/4/2014	2486	NC0744-114	50.1	SM2316	0.322		1100+47.9		110047.9	8 IN	X56	XR	48.551587	103.494767	2112.30	2106.50	5.80	FBE	50.3	50.5	SC1213-119	TC1211-118		
3/4/2014	2487	SC1213-119	50.3	SM2317	0.322		1100+98.2		110098.2	8 IN	X56	XR	48.551450	103.494769	2117.70	2112.50	5.20	FBE	50.3	50.1	SC1212-129	NC0744-114		
3/4/2014	2488	SC1212-129	50.3	SM2318	0.322		1101+48.5		110148.5	8 IN	X56	XR	48.551313	103.494769	2124.20	2118.70	5.50	FBE	50.2	50.3	SC1214-130	SC1213-119		
3/4/2014	2489	SC1214-130	50.2	SM2319	0.322		1101+98.7		110198.7	8 IN	X56	XR	48.551177	103.494767	2131.90	2126.50	5.40	FBE	50.3	50.3	SC1215-117	SC1212-129		
3/4/2014	2490	SC1215-117	50.3	SM2320	0.322		1102+49.1		110249.1	8 IN	X56	XR	48.551041	103.494763	2139.20	2134.30	4.90	FBE	49.7	50.2	NC0745-131	SC1214-130		
3/4/2014	2491	NC0745-131	49.7	SM2321	0.322		1102+98.8		110298.8	8 IN	X56	XR	48.550906	103.494762	2147.00	2141.20	5.80	FBE	50.4	50.3	SC1212-129	SC1215-117		
3/4/2014	2492	SC1212-129	50.4	SM2322	0.322		1103+49.2		110349.2	8 IN	X56	XR	48.550768	103.494764	2149.30	2144.40	4.90	FBE	50.4	49.7	SC1214-130	NC0745-131		
3/4/2014	2493	SC1214-130	50.4	SM2323	0.322		1103+99.6		110399.6	8 IN	X56	XR	48.550630	103.494767	2149.00	2144.00	5.00	FBE	50.3	50.4	SC1212-129	SC1212-129		
3/4/2014	2494	SC1212-129	50.3	SM2324	0.322		1104+49.8		110449.8	8 IN	X56	XR	48.550492	103.494768	2150.30	2144.70	5.60	FBE	50.3	50.4	NC0748-134	SC1214-130		
3/4/2014	2495	NC0748-134	50.3	SM2325	0.322		1105+00.2		110500.2	8 IN	X56	XR	48.550354	103.494767	2151.60	2145.80	5.80	FBE	50.2	50.3	SC1215-122	SC1212-129		
3/4/2014	2496	SC1215-122	50.2	SM2326	0.322		1105+50.4		110550.4	8 IN	X56	XR	48.550216	103.494769	2151.40	2146.10	5.30	FBE	50.0	50.3	SC1210-123	NC0748-134		
3/4/2014	2497	SC1210-123	50.0	SM2327	0.322		1106+00.4		110600.4	8 IN	X56	XR	48.550079	103.494768	2150.80	2146.30	4.50	FBE	50.5	50.2	SC1212-121	SC1215-122		
3/4/2014	2498	SC1212-121	50.5	SM2328	0.322		1106+50.9		110650.9	8 IN	X56	XR	48.549941	103.494766	2151.20	2146.80	4.40	FBE	49.6	50.0	SC1210-123	SC1210-123		
3/4/2014	2499	SC1210-123	49.6	SM2329	0.322		1107+00.4		110700.4	8 IN	X56	XR	48.549805	103.494763	2151.80	2147.10	4.70	FBE	50.1	50.5	NC0745-131	SC1212-121		
3/4/2014	2500	NC0745-131	50.1	SM2330	0.322		1107+50.5		110750.5	8 IN	X56	XR	48.549668	103.494763	2149.90	2145.00	4.90	FBE	50.4	49.6	NC0745-131	SC1210-123		
3/4/2014	2501	NC0745-131	50.4	SM2331	0.322		1108+00.9		110800.9	8 IN	X56	XR	48.549530	103.494766	2145.50	2140.50	5.00	FBE	50.2	50.1	SC1210-123	NC0745-131		
3/4/2014	2502	SC1210-123	50.2	SM2332	0.322		1108+51.1		110851.1	8 IN	X56	XR	48.549393	103.494770	2140.40	2135.50	4.90	FBE	50.3	50.4	SC1210-123	NC0745-131		
3/4/2014	2503	SC1210-123	50.3	SM2333	0.322		1109+01.4		110901.4	8 IN	X56	XR	48.549256	103.494773	2135.00	2130.10	4.90	FBE	50.3	50.2	SC1210-123	SC1210-123		
3/4/2014	2504	SC1210-123	50.3	SM2334	0.322		1109+51.8		110951.8	8 IN	X56	XR	48.549120	103.494775	2128.50	2123.60	4.90	FBE	50.2	50.3	SC1214-130	SC1210-123		
3/4/2014	2505	SC1214-130	50.2	SM2335	0.322		1110+02.0		111002.0	8 IN	X56	XR	48.548983	103.494777	2123.00	2118.20	4.80	FBE	50.2	50.3	SC1214-130	SC1210-123		
3/4/2014	2506	SC1214-130	50.2	SM2336	0.322		1110+52.2		111052.2	8 IN	X56	XR	48.548846	103.494777	2119.20	2114.10	5.10	FBE	50.3	50.2	SC1214-130	SC1214-130		
3/4/2014	2507	SC1214-130	50.3	SM2337	0.322		1111+02.5		111102.5	8 IN	X56	XR	48.548708	103.494775	2117.70	2112.90	4.80	FBE	50.4	50.2	SC1212-121	SC1214-130		
3/4/2014	2508	SC1212-121	50.4	SM2338	0.322		1111+52.9		111152.9	8 IN	X56	XR	48.548570	103.494773	2118.70	2113.60	5.10	FBE	50.0	50.3	SC1215-122	SC1214-130		
3/4/2014	2509	SC1215-122	50.0	SM2339	0.322		1112+02.9		111202.9	8 IN	X56	XR	48.548433	103.494773	2119.20	2113.30	5.90	FBE	50.4	50.4	NC0745-113	SC1212-121		
3/4/2014	2510	NC0745-113	50.4	SM2340	0.322		1112+53.3		111253.3	8 IN	X56	XR	48.548294	103.494772	2116.90	2111.50	5.40	FBE	50.1	50.0	NC0744-114	SC1215-122		
3/4/2014	2511	NC0744-114	50.1	SM2341	0.322		1113+03.4		111303.4	8 IN	X56	XR	48.548157	103.494770	2116.00	2110.60	5.40	FBE	49.8	50.4	NC0749-133	NC0745-113		
3/4/2014	2512	NC0749-133	49.8	SM2342	0.322		1113+53.3		111353.3	8 IN	X56	XR	48.548021	103.494769	2116.90	2111.30	5.60	FBE	50.3	50.1	NC0745-131	NC0744-114		
3/4/2014	2513	NC0745-131	50.3	SM2343	0.322		1114+03.5		111403.5	8 IN	X56	XR	48.547883	103.494766	2118.40	2113.10	5.30	FBE	50.2	49.8	NC0749-133	NC0749-133		
3/4/2014	2514	NC0749-133	50.2	SM2344R	0.322		1114+53.7		111453.7	8 IN	X56	XR	48.547745	103.494764	2120.20	2114.90	5.30	FBE	50.4	50.3	SC1214-130	NC0745-131		
3/4/2014	2515	SC1214-130	50.4	SM2345	0.322		1115+04.1		111504.1	8 IN	X56	XR	48.547607	103.494761	2122.00	2116.20	5.80	FBE	50.3	50.2	SC1214-130	NC0749-133		
3/4/2014	2516	SC1214-130	50.3	SM2346	0.322		1115+54.5		111554.5	8 IN	X56	XR	48.547469	103.494760	2121.80	2116.80	5.00	FBE	49.6	50.4	SC1210-127	SC1214-130		
3/4/2014	2517	SC1210-127	49.6	SM2347	0.322		1116+04.1		111604.1	8 IN	X56	XR	48.547333	103.494763	2119.80	2114.90	4.90	FBE	50.3	50.3	SC1210-127	SC1214-130		
3/4/2014	2518	SC1210-127	50.3	SM2348	0.322		1116+54.4		111654.4	8 IN	X56	XR	48.547196	103.494769	2116.70	2111.80	4.90	FBE	50.2	49.6	SC1210-127	SC1210-127		
3/4/2014	2519	SC1210-127	50.2	SMT274	0.322		1117+04.6		111704.6	8 IN	X56	XR	48.547059	103.494773	2114.70	2109.80	4.90	FBE	17.1	50.3	SC1210-127	SC1210-127		
3/4/2014	2520	SC1210-127	17.1	SMT275	0.322		1117+21.6		111721.6	8 IN	X56	XR	48.547012	103.494772	2112.90	2108.80	4.10	FBE	41.2	50.2	D48765	SC1210-127		
3/4/2014	2521BR	D48765	41.2	SMB 230		CALCULATED BORE	1117+62.8		111762.8		X56	XR	48.546902	103.494770	2104.70	2099.31	5.39	ARO	41.2	17.1	D48765	SC1210-127		NOTE 1
3/4/2014	2522BR	D48765	41.2	SMB 231		CALCULATED BORE	1118+04.0		111804.0		X56	XR	48.546790	103.494768	2103.20	2094.77	8.43	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	2523BR	D48765	41.2	SMB 232		CALCULATED BORE	1118+45.2		111845.2		X56	XR	48.546677	103.494765	2100.50	2095.24	5.26	ARO	42.6	41.2	D48763	D48765		NOTE 1
3/4/2014	2524BR	D48763	42.6	SMT276	0.322		1118+87.8		111887.8	8 IN	X56	XR	48.546561	103.494763	2106.80	2101.00	5.80	ARO	50.4	41.2	SC1215-122	D48765		
3/4/2014	2525	SC1215-122	50.4	SM2349	0.322		1119+38.2		111938.2	8 IN	X56	XR	48.546423	103.494766	2104.70	2100.60	4.10	FBE	33.4	42.6	SC1210-123	D48763		
3/4/2014	2526	SC1210-123	33.4	SMT277	0.322		1119+71.6		111971.6	8 IN	X56	XR	48.546332	103.494771	2103.50	2099.30	4.20	FBE	50.2	50.4	SC1215-122	SC1215-122		
3/4/2014	2527	SC1215-122	50.2	SM2350	0.322		1120+21.8	P.I. < 2°32'09" LT.	112021.8	8 IN	X56	XR	48.546194	103.494780	2100.50	2096.10	4.40	FBE	50.3	33.4	SC1215-122	SC1210-123		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 208	SHEET No. 108 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2528	SC1215-122	50.3	SM2351	0.322		1120+72.1		112072.1	8 IN	X56	XR	48.546057	103.494781	2098.80	2094.00	4.80	FBE	50.2	50.2	NC0744-114	SC1215-122		
3/4/2014	2529	NC0744-114	50.2	SM2352	0.322		1121+22.3		112122.3	8 IN	X56	XR	48.545919	103.494782	2097.70	2092.90	4.80	FBE	50.2	50.3	SC1212-129	SC1215-122		
3/4/2014	2530	SC1212-129	50.2	SM2353	0.322		1121+72.5		112172.5	8 IN	X56	XR	48.545782	103.494781	2098.70	2093.50	5.20	FBE	50.3	50.2	SC1213-119	NC0744-114		
3/4/2014	2531	SC1213-119	50.3	SM2354	0.322		1122+22.8		112222.8	8 IN	X56	XR	48.545644	103.494780	2098.40	2093.50	4.90	FBE	50.1	50.2	NC0747-132	SC1212-129		
3/4/2014	2532	NC0747-132	50.1	SM2355	0.322		1122+72.9		112272.9	8 IN	X56	XR	48.545506	103.494778	2099.10	2093.60	5.50	FBE	37.8	50.3	NC0744-100	SC1213-119		
3/4/2014	2533	NC0744-100	37.8	SM2356	0.322		1123+10.8		112310.8	8 IN	X56	XR	48.545403	103.494778	2100.30	2094.60	5.70	FBE	30.9	50.1	SC1214-107	NC0747-132		
3/4/2014	2534	SC1214-107	30.9	SM2357	0.322		1123+41.7		112341.7	8 IN	X56	XR	48.545318	103.494779	2101.40	2096.30	5.10	FBE	50.3	37.8	SC1210-127	NC0744-100		
3/4/2014	2535	SC1210-127	50.3	SM2358	0.322		1123+91.9		112391.9	8 IN	X56	XR	48.545180	103.494779	2103.40	2098.40	5.00	FBE	49.9	30.9	NC0743-28	SC1214-107		
3/4/2014	2536	NC0743-28	49.9	SM2359	0.322		1124+41.9		112441.9	8 IN	X56	XR	48.545044	103.494778	2105.50	2099.90	5.60	FBE	50.4	50.3	NC0743-28	SC1210-127		
3/4/2014	2537	NC0743-28	50.4	SM2360	0.322		1124+92.3		112492.3	8 IN	X56	XR	48.544906	103.494779	2106.90	2101.50	5.40	FBE	49.9	49.9	NC0744-114	NC0743-28		
3/4/2014	2538	NC0744-114	49.9	SM2361	0.322		1125+42.1		112542.1	8 IN	X56	XR	48.544769	103.494780	2108.80	2103.60	5.20	FBE	50.2	50.4	NC0746-126	NC0743-28		
3/4/2014	2539	NC0746-126	50.2	SM2362	0.322		1125+92.4		112592.4	8 IN	X56	XR	48.544631	103.494780	2110.90	2105.40	5.50	FBE	50.3	49.9	NC0744-114	NC0744-114		
3/4/2014	2540	NC0744-114	50.3	SM2363	0.322		1126+42.7		112642.7	8 IN	X56	XR	48.544493	103.494781	2112.00	2107.00	5.00	FBE	49.7	50.2	NC0744-116	NC0746-126		
3/4/2014	2541	NC0744-116	49.7	SM2364	0.322		1126+92.4		112692.4	8 IN	X56	XR	48.544357	103.494781	2111.90	2107.30	4.60	FBE	50.3	50.3	SC1210-127	NC0744-114		
3/4/2014	2542	SC1210-127	50.3	SM2365	0.322		1127+42.8		112742.8	8 IN	X56	XR	48.544219	103.494779	2110.90	2106.20	4.70	FBE	50.2	49.7	SC1210-127	NC0744-116		
3/4/2014	2543	SC1210-127	50.2	SM2366	0.322		1127+93.0		112793.0	8 IN	X56	XR	48.544082	103.494777	2109.90	2105.00	4.90	FBE	50.3	50.3	NC0746-126	SC1210-127		
3/4/2014	2544	NC0746-126	50.3	SM2367	0.322		1128+43.3		112843.3	8 IN	X56	XR	48.543944	103.494777	2108.80	2103.90	4.90	FBE	50.3	50.2	TC1211-118	SC1210-127		
3/4/2014	2545	TC1211-118	50.3	SM2368	0.322		1128+93.6		112893.6	8 IN	X56	XR	48.543806	103.494778	2108.30	2103.50	4.80	FBE	50.2	50.3	NC0744-116	NC0746-126		
3/4/2014	2546	NC0744-116	50.2	SM2369	0.322		1129+43.8		112943.8	8 IN	X56	XR	48.543668	103.494781	2109.20	2104.10	5.10	FBE	50.2	50.3	TC1211-118	TC1211-118		
3/4/2014	2547	TC1211-118	50.2	SM2370	0.322		1129+94.0		112994.0	8 IN	X56	XR	48.543531	103.494783	2110.20	2105.10	5.10	FBE	50.2	50.2	NC0746-126	NC0744-116		
3/4/2014	2548	NC0746-126	50.2	SM2371	0.322		1130+44.2		113044.2	8 IN	X56	XR	48.543393	103.494783	2111.70	2106.40	5.30	FBE	50.4	50.2	NC0746-126	TC1211-118		
3/4/2014	2249	NC0746-126	50.4	SMT281	0.322		1130+94.7		113094.7	8 IN	X56	XR	48.543255	103.494784	2112.40	2108.10	4.30	FBE	43.1	50.2	SC1212-129	NC0746-126		
3/4/2014	2250	SC1212-129	43.1	SMT282	0.322		1131+37.7		113137.7	8 IN	X56	XR	48.543137	103.494787	2113.00	2108.60	4.40	FBE	10.7	50.4	SC1210-123	NC0746-126		
3/4/2014	2526	SC1210-123	10.7	SMT285	0.322		1131+48.4	P.I. < 2°17'55" LT.	113148.4	8 IN	X56	XR	48.543108	103.494787	2112.60	2108.20	4.40	FBE	50.2	43.1	NC0742-112	SC1212-129		
3/4/2014	2551	NC0742-112	50.2	SM2372	0.322		1131+98.7		113198.7	8 IN	X56	XR	48.542970	103.494781	2110.60	2106.10	4.50	FBE	50.2	10.7	TC1211-111	SC1210-123		
3/4/2014	2552	TC1211-111	50.2	SM2373	0.322		1132+48.9		113248.9	8 IN	X56	XR	48.542832	103.494781	2109.70	2105.10	4.60	FBE	50.3	50.2	SC1210-125	NC0742-112		
3/4/2014	2553	SC1210-125	50.3	SM2374	0.322		1132+99.1		113299.1	8 IN	X56	XR	48.542695	103.494779	2107.80	2103.10	4.70	FBE	50.5	50.2	SC1210-127	TC1211-111		
3/4/2014	2554	SC1210-127	50.5	SM2375	0.322		1133+49.6		113349.6	8 IN	X56	XR	48.542557	103.494777	2105.30	2099.80	5.50	FBE	50.2	50.3	TC1211-118	SC1210-125		
3/4/2014	2555	TC1211-118	50.2	SM2376	0.322		1133+99.8		113399.8	8 IN	X56	XR	48.542419	103.494778	2101.50	2096.40	5.10	FBE	50.4	50.5	SC1215-117	SC1210-127		
3/4/2014	2556	SC1215-117	50.4	SM2377	0.322		1134+50.2		113450.2	8 IN	X56	XR	48.542282	103.494779	2098.30	2092.60	5.70	FBE	50.2	50.2	SC1212-128	TC1211-118		
3/4/2014	2557	SC1212-128	50.2	SM2378	0.322		1135+00.4		113500.4	8 IN	X56	XR	48.542144	103.494780	2096.30	2090.20	6.10	FBE	50.3	50.4	TC1211-111	SC1215-117		
3/4/2014	2558	TC1211-111	50.3	SM2379	0.322		1135+50.7		113550.7	8 IN	X56	XR	48.542006	103.494781	2094.30	2088.70	5.60	FBE	50.2	50.2	SC1210-125	SC1212-128		
3/4/2014	2559	SC1210-125	50.2	SM2380	0.322		1136+00.9		113600.9	8 IN	X56	XR	48.541869	103.494782	2093.60	2088.40	5.20	FBE	50.3	50.3	SC1215-117	TC1211-111		
3/4/2014	2560	SC1215-117	50.3	SM2381	0.322		1136+51.2		113651.2	8 IN	X56	XR	48.541731	103.494784	2092.80	2087.50	5.30	FBE	50.4	50.2	SC1210-125	SC1210-125		
3/4/2014	2561	SC1210-125	50.4	SM2382	0.322		1137+01.6		113701.6	8 IN	X56	XR	48.541593	103.494784	2091.60	2086.20	5.40	FBE	50.2	50.3	SC1212-129	SC1215-117		
3/4/2014	2562	SC1212-129	50.2	SM2383	0.322		1137+51.8		113751.8	8 IN	X56	XR	48.541455	103.494783	2091.80	2087.50	4.30	FBE	50.3	50.4	NC0746-126	SC1210-125		
3/4/2014	2563	NC0746-126	50.3	SM2384	0.322		1138+02.1		113802.1	8 IN	X56	XR	48.541318	103.494783	2092.80	2087.90	4.90	FBE	50.3	50.2	NC0746-126	SC1212-129		
3/4/2014	2564	NC0746-126	50.3	SM2385	0.322		1138+52.3		113852.3	8 IN	X56	XR	48.541180	103.494785	2091.60	2086.80	4.80	FBE	50.4	50.3	TC1211-111	NC0746-126		
3/4/2014	2565	TC1211-111	50.4	SM2386	0.322		1139+02.7		113902.7	8 IN	X56	XR	48.541042	103.494787	2090.50	2084.80	5.70	FBE	50.3	50.3	NC0745-27	NC0746-126		
3/4/2014	2566	NC0745-27	50.3	SM2387	0.322		1139+53.0		113953.0	8 IN	X56	XR	48.540904	103.494788	2089.20	2083.80	5.40	FBE	50.0	50.4	NC0746-126	TC1211-111		
3/4/2014	2567	NC0746-126	50.0	SM2388	0.322		1140+03.0		114003.0	8 IN	X56	XR	48.540767	103.494787	2088.00	2084.00	4.00	FBE	49.0	50.3	SC1213-119	NC0745-27		
3/4/2014	2568	SC1213-119	49.0	SM2389	0.322		1140+51.9		114051.9	8 IN	X56	XR	48.540633	103.494785	2088.60	2084.60	4.00	FBE	50.2	50.0	SC1214-130	NC0746-126		
3/4/2014	2569	SC1214-130	50.2	SM2390	0.322		1141+02.1		114102.1	8 IN	X56	XR	48.540495	103.494786	2089.90	2083.60	6.30	FBE	50.5	49.0	TC1211-118	SC1213-119		
3/4/2014	2570	TC1211-118	50.5	SM2391	0.322		1141+52.6		114152.6	8 IN	X56	XR	48.540357	103.494787	2090.70	2083.90	6.80	FBE	50.1	50.2	SC1215-122	SC1214-130		
3/4/2014	2571	SC1215-122	50.1	SM2392	0.322		1142+02.7		114202.7	8 IN	X56	XR	48.540220	103.494788	2089.10	2084.30	4.80	FBE	50.1	50.5	TC1211-120	TC1211-118		
3/4/2014	2572	TC1211-120	50.1	SM2393	0.322		1142+52.9		114252.9	8 IN	X56	XR	48.540082	103.494788	2089.90	2084.80	5.10	FBE	49.6	50.1	NC0746-126	SC1215-122		
3/4/2014	2573	NC0746-126	49.6	SM2394	0.322		1143+02.5		114302.5	8 IN	X56	XR	48.539946	103.494789	2090.70	2085.60	5.10	FBE	50.2	50.1	SC1210-123	TC1211-120		
3/4/2014	2574	SC1210-123	50.2	SM2395	0.322		1143+52.7		114352.7	8 IN	X56	XR	48.539809	103.494790	2092.20	2086.80	5.40	FBE	50.2	49.6	NC0749-124	NC0746-126		
3/4/2014	2575	NC0749-124	50.2	SM2396	0.322		1144+02.9		114402.9	8 IN	X56	XR	48.539671	103.494790	2094.10	2088.50	5.60	FBE	50.3	50.2	TC1211-111	SC1210-123		
3/4/2014	2576	TC1211-111	50.3	SM2397	0.322		1144+53.2		114453.2	8 IN	X56	XR	48.539533	103.494791	2095.30	2089.70	5.60	FBE	49.0	50.2	NC0748-132	NC0749-124		
3/4/2014	2577	NC0748-132	49.0	SM2398	0.322		1145+02.2		114502.2	8 IN	X56	XR	48.539399	103.494792	2097.40	2091.60	5.80	FBE	50.4	50.3	NC0749-124	TC1211-111		
3/4/2014	2578	NC0749-124	50.4	SM2399	0.322		1145+52.5		114552.5	8 IN	X56	XR	48.539261	103.494792	2099.10	2093.40	5.70	FBE	50.2	49.0	NC0746-126	NC0748-132		
3/4/2014	2579	NC0746-126	50.2	SM2400	0.322		1146+02.8		114602.8	8 IN	X56	XR	48.539124	103.494792	2100.80	2095.00	5.80	FBE	50.1	50.4	SC1210-168	NC0749-124		
3/4/2014	2580	SC1210-168	50.1	SM2401	0.322		1146+52.9		114652.9	8 IN	X56	XR	48.538986	103.494792	2102.30	2096.60	5.70	FBE	50.3	50.2	NC0745-131	NC0746-126		
3/4/2014	2581	NC0745-131	50.3	SM2402	0.322		1147+03.2		114703.2	8 IN	X56	XR	48.538848	103.494792	2104.60	2098.70	5.90	FBE	41.8	50.1	NC0746-126	SC1210-168		
3/4/2014	2582	NC0746-126	41.8	SM2403	0.322		1147+45.0		114745.0	8 IN	X56	XR	48.538734	103.494792	2106.20	2100.50	5.70	FBE	50.3	50.3	NC0749-133	NC0745-131		
3/4/2014	2583	NC0749-133	50.3	SM2404	0.322		1147+95.3		114795.3	8 IN	X56	XR	48.538596	103.494792	2108.20	2102.50	5.70	FBE	49.8	41.8	NC0745-131	NC0746-126		
3/4/2014	2584	NC0745-131	49.8	SM2405	0.322		1148+45.1		114845.1	8 IN	X56	XR	48.538460	103.494792	2110.40	2104.90	5.50	FBE	50.2	50.3	SC1215-117	NC0749-133		
3/4/2014	2585	SC1215-117	50.2	SM2406	0.322		1148+95.4		114895.4	8 IN	X56	XR	48.538322	103.494792	2113.10	2107.40	5.70	FBE	50.3	49.8	TC1211-118	NC0745-131		
3/4/2014	2586	TC1211-118	50.3	SM2407	0.322		1149+45.7		114945.7	8 IN	X56	XR	48.538185	103.494794	2115.70	2110.30	5.40	FBE	50.3	50.2	SC1214-130	SC1215-117		
3/4/2014	2587	SC1214-130	50.3	SM2408	0.322		1149+96.0		114996.0	8 IN	X56	XR	48.538047	103.494797	2117.00	2111.40	5.60	FBE	50.4	50.3	NC0745-131	TC1211-118		
3/4/2014	2588	NC0745-131	50.4	SM2409	0.322		1150+46.4		115046.4	8 IN	X56	XR	48.537909	103.494798	2117.90	2112.30	5.60	FBE	50.2	50.3	SC1210-125	SC1214-130		
3/4/2014	2589	SC1210-125	50.2	SM2410	0.322		1150+96.6		115096.6	8 IN	X56	XR	48.537771	103.494798	2119.00	2113.50	5.50	FBE	50.3	50.4	NC0747-132	NC0745-131		
3/4/2014	2590	NC0747-132	50.3	SM2411	0.322		1151+47.0		115147.0	8 IN	X56	XR	48.537633	103.494797	2120.80	2115.10	5.70	FBE	49.8	50.2	SC1214-130	SC1210-125		
3/4/2014	2591	SC1214-130	49.8	SM2412	0.322		1151+96.8		115196.8	8 IN	X56	XR	48.537497	103.494797	2122.30	2117.00	5.30	FBE	50.2	50.3	SC1214-130	NC0747-132		
3/4/2014	2592	SC1214-130	50.2	SM2413	0.322		1152+47.0		115247.0	8 IN	X56	XR	48.537359	103.494797	2124.30	2118.40	5.90	FBE	50.4	49.8	TC1211-120	SC1214-130		
3/4/2014	2593	TC1211-120	50.4	SM2414	0.322		1152+97.4		115297.4	8 IN	X56	XR	48.537221	103.494797	2124.60	2119.40	5.20	FBE	50.3	50.2	NC0743-68	SC1214-130		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 209	SHEET No. 109 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2594	NC0743-68	50.3	SM2415	0.322		1153+47.7		115347.7	8 IN	X56	XR	48.537083	103.494797	2125.80	2120.20	5.60	FBE	49.8	50.4	SC1215-117	TC1211-120		
3/4/2014	2595	SC1215-117	49.8	SM2416	0.322		1153+97.5		115397.5	8 IN	X56	XR	48.536947	103.494799	2125.60	2119.80	5.80	FBE	50.1	50.3	SC1210-125	NC0743-68		
3/4/2014	2596	SC1210-125	50.1	SM2417	0.322		1154+47.6		115447.6	8 IN	X56	XR	48.536809	103.494800	2124.80	2118.70	6.10	FBE	50.3	49.8	NC0744-114	SC1215-117		
3/4/2014	2597	NC0744-114	50.3	SM2418	0.322		1154+98.0		115498.0	8 IN	X56	XR	48.536671	103.494800	2124.90	2118.50	6.40	FBE	49.2	50.1	SC1210-127	SC1210-125		
3/4/2014	2600	SC1210-127	49.2	SM2419	0.322		1155+47.2		115547.2	8 IN	X56	XR	48.536536	103.494801	2124.00	2119.00	5.00	FBE	49.8	50.3	NC0742-112	NC0744-114		
3/4/2014	2598	NC0742-112	49.8	SM2420	0.322		1155+96.9		115596.9	8 IN	X56	XR	48.536400	103.494799	2124.80	2119.50	5.30	FBE	48.6	49.2	NC0745-27	SC1210-127		
3/4/2014	2599	NC0745-27	48.6	SM2421	0.322		1156+45.6		115645.6	8 IN	X56	XR	48.536267	103.494799	2124.90	2120.40	4.50	FBE	50.2	49.8	NC0743-28	NC0742-112		
3/4/2014	2601	NC0743-28	50.2	SM2422	0.322		1156+95.8		115695.8	8 IN	X56	XR	48.536129	103.494799	2124.00	2119.30	4.70	FBE	50.4	48.6	NC0744-114	NC0745-27		
3/4/2014	2602	NC0744-114	50.4	SM2423	0.322		1157+46.1		115746.1	8 IN	X56	XR	48.535991	103.494799	2122.80	2118.00	4.80	FBE	49.6	50.2	NC0746-126	NC0743-28		
3/4/2014	2603	NC0746-126	49.6	SM2424	0.322		1157+95.7		115795.7	8 IN	X56	XR	48.535855	103.494800	2122.60	2117.60	5.00	FBE	50.3	50.4	NC0746-126	NC0744-114		
3/4/2014	2604	NC0746-126	50.3	SM2425	0.322		1158+46.0		115846.0	8 IN	X56	XR	48.535717	103.494800	2122.60	2117.50	5.10	FBE	49.5	49.6	SC1210-125	NC0746-126		
3/4/2014	2605	SC1210-125	49.5	SM2426	0.322		1158+95.6		115895.6	8 IN	X56	XR	48.535582	103.494801	2123.20	2116.80	6.40	FBE	50.2	50.3	NC0742-112	NC0746-126		
3/4/2014	2606	NC0742-112	50.2	SM2427	0.322		1159+45.8		115945.8	8 IN	X56	XR	48.535444	103.494801	2123.20	2117.40	5.80	FBE	50.3	49.5	NC0746-126	SC1210-125		
3/4/2014	2607	NC0746-126	50.3	SM2428	0.322		1159+96.1		115996.1	8 IN	X56	XR	48.535306	103.494798	2122.60	2118.40	4.20	FBE	48.8	50.2	SC1210-127	NC0742-112		
3/4/2014	2608	SC1210-127	48.8	SMT278	0.322		1160+44.8		116044.8	8 IN	X56	XR	48.535172	103.494795	2123.20	2119.00	4.20	FBE	44.6	50.3	NC0744-110	NC0746-126		
3/4/2014	2609	NC0744-110	44.6	SMT279	0.322		1160+89.4		116089.4	8 IN	X56	XR	48.535050	103.494791	2123.60	2119.60	4.00	FBE	2.9	48.8	C30174	SC1210-127		
3/4/2014	F40	C30174	2.9	SMT280	0.322	FACTORY BEND	1160+92.3		116092.3	8 IN	X56	XR	48.535042	103.494789	2123.90	2119.60	4.30	FBE	47.7	44.6	SC1210-127	NC0744-110		
3/4/2014	2610	SC1210-127	47.7	SM2429	0.322		1161+40.0		116140.0	8 IN	X56	XR	48.534920	103.494721	2122.30	2117.80	4.50	FBE	50.0	2.9	SC1210-125	C30174		
3/4/2014	2611	SC1210-125	50.0	SM2430	0.322		1161+90.0		116190.0	8 IN	X56	XR	48.534792	103.494645	2121.10	2116.50	4.60	FBE	49.7	47.7	SC1212-26	SC1210-127		
3/4/2014	2612	SC1212-26	49.7	SM2431	0.322		1162+39.8		116239.8	8 IN	X56	XR	48.534666	103.494568	2120.40	2116.00	4.40	FBE	50.3	50.0	SC1210-125	SC1210-125		
3/4/2014	2613	SC1210-125	50.3	SM2432	0.322		1162+90.0		116290.0	8 IN	X56	XR	48.534539	103.494489	2121.00	2116.40	4.60	FBE	50.2	49.7	TC1211-108	SC1212-26		
3/4/2014	2614	TC1211-108	50.2	SM2433	0.322		1163+40.2		116340.2	8 IN	X56	XR	48.534412	103.494408	2121.90	2117.50	4.40	FBE	49.7	50.3	NC0744-110	SC1210-125		
3/4/2014	2615	NC0744-110	49.7	SMT283	0.322		1163+89.9		116389.9	8 IN	X56	XR	48.534288	103.494325	2123.70	2120.10	5.20	FBE	48.6	50.2	SC1210-125	TC1211-108		
3/4/2014	2617	SC1210-125	48.6	SMT284	0.322		1164+38.5	P.I. < 2°02'58" RT.	116438.5	8 IN	X56	XR	48.534166	103.494244	2125.30	2121.20	4.10	FBE	41.2	49.7	D48763	NC0744-110		
3/4/2014	2618BR	D48763	41.2	SMB233		CALCULATED BORE	1164+79.7		116479.7		X56	XR	48.534063	103.494183	2125.30	2112.70	12.60	ARO	41.2	48.6	D48765	SC1210-125		NOTE 1
3/4/2014	2619BR	D48765	41.2	SMB234		CALCULATED BORE	1165+20.9		116520.9		X56	XR	48.533960	103.494120	2125.30	2106.54	18.76	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	2620BR	D48763	41.2	SMB235		CALCULATED BORE	1165+62.1		116562.1		X56	XR	48.533855	103.494058	2125.30	2102.72	22.58	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	2621BR	D48763	41.2	SMB236		CALCULATED BORE	1166+03.3		116603.3		X56	XR	48.533750	103.493995	2127.16	2101.27	25.89	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	2622BR	D48765	41.2	SMB237		CALCULATED BORE	1166+44.5		116644.5		X56	XR	48.533645	103.493932	2127.16	2102.19	24.97	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	2623BR	D48763	41.2	SMB238		CALCULATED BORE	1166+85.7		116685.7		X56	XR	48.533541	103.493869	2129.04	2105.48	23.56	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	2624BR	D48765	41.2	SMB239		CALCULATED BORE	1167+26.9		116726.9		X56	XR	48.533437	103.493806	2129.04	2111.12	17.92	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	2625BR	D48765	41.2	SMB240		CALCULATED BORE	1167+68.1		116768.1		X56	XR	48.533334	103.493745	2129.90	2119.09	10.81	ARO	21.6	41.2	D48763	D48765		NOTE 1
3/4/2014	2626BR	D48763	21.6	SMT286	0.322		1167+89.7		116789.7	8 IN	X56	XR	48.533281	103.493713	2129.90	2124.20	5.70	ARO	30.9	41.2	NC0743-28	D48765		
3/4/2014	2627	NC0743-28	30.9	SMT287	0.322		1168+20.6		116820.6	8 IN	X56	XR	48.533202	103.493665	2135.50	2126.20	9.30	FBE	50.3	21.6	NC0749-124	D48763		
3/4/2014	2628	NC0749-124	50.3	SM2435	0.322		1168+70.9		116870.9	8 IN	X56	XR	48.533076	103.493581	2135.20	2129.30	5.90	FBE	49.5	30.9	NC0749-124	NC0743-28		
3/4/2014	2629	NC0749-124	49.5	SM2436	0.322		1169+20.4		116920.4	8 IN	X56	XR	48.532952	103.493499	2135.60	2130.90	4.70	FBE	50.3	50.3	NC0743-28	NC0749-124		
3/4/2014	2630	NC0743-28	50.3	SM2437	0.322		1169+70.7		116970.7	8 IN	X56	XR	48.532826	103.493417	2135.50	2131.20	4.30	FBE	50.5	49.5	SC1210-168	NC0749-124		
3/4/2014	2631	SC1210-168	50.5	SM2438	0.322		1170+21.2		117021.2	8 IN	X56	XR	48.532697	103.493338	2135.20	2130.90	4.30	FBE	50.2	50.3	NC0744-114	NC0743-28		
3/4/2014	2632	NC0744-114	50.2	SM2439	0.322		1170+71.4		117071.4	8 IN	X56	XR	48.532569	103.493264	2135.10	2130.80	4.30	FBE	50.4	50.5	NC0746-126	SC1210-168		
3/4/2014	2633	NC0746-126	50.4	SMT288	0.322		1171+21.8		117121.8	8 IN	X56	XR	48.532441	103.493187	2134.60	2130.00	4.60	FBE	23.9	50.2	NC0749-124	NC0744-114		
3/4/2014	3340	NC0749-124	23.9	SMT289	0.322		1171+45.7		117145.7	8 IN	X56	XR	48.532380	103.493151	2134.20	2128.40	5.80	FBE	35.6	50.4	D48763	NC0746-126		
3/4/2014	1531BR	D48763	35.6	SMB241		CALCULATED BORE	1171+81.3		117181.3		X56	XR	48.532292	103.493094	2131.30	2121.67	9.63	ARO	41.2	23.9	D48765	NC0749-124		NOTE 1
3/4/2014	1399BR	D48765	41.2	SMB242		CALCULATED BORE	1172+22.5		117222.5		X56	XR	48.532188	103.493028	2132.73	2120.61	12.12	ARO	30.2	35.6	D4876	D48763		NOTE 1
3/4/2014	1405BR	D4876	30.2	SMB243		CALCULATED BORE	1172+52.7		117252.7		X56	XR	48.532112	103.492980	2130.80	2124.42	6.38	ARO	11.6	41.2	D48763	D48765		NOTE 1
3/4/2014	575BRA	D48763	11.6	SMT290	0.322		1172+64.3		117264.3	8 IN	X56	XR	48.532084	103.492962	2132.00	2126.90	5.10	ARO	50.2	30.2	NC0746-126	D4876		
3/4/2014	2634	NC0746-126	50.2	SMT291	0.322		1173+14.5		117314.5	8 IN	X56	XR	48.531957	103.492882	2131.90	2127.90	4.00	FBE	29.7	11.6	NC0749-138	D48763		
3/4/2014	1398A	NC0749-138	29.7	SM2440	0.322		1173+44.2		117344.2	8 IN	X56	XR	48.531881	103.492835	2131.30	2127.00	4.30	FBE	43.1	50.2	NC0745-2	NC0746-126		
3/4/2014	684	NC0745-2	43.1	SM2441	0.322		1173+87.3		117387.3	8 IN	X56	XR	48.531772	103.492769	2131.60	2126.50	5.10	FBE	25.2	29.7	NC0744-145	NC0749-138		
3/4/2014	927A	NC0744-145	25.2	SM2442	0.322		1174+12.4		117412.4	8 IN	X56	XR	48.531708	103.492730	2131.00	2126.20	4.80	FBE	25.0	43.1	SC1214-102	NC0745-2		
3/4/2014	993B	SC1214-102	25.0	SM2443	0.322		1174+37.4		117437.4	8 IN	X56	XR	48.531645	103.492690	2130.80	2125.90	4.90	FBE	35.0	25.2	NC0745-99	NC0744-145		
3/4/2014	1043A	NC0745-99	35.0	SM2444	0.322		1174+72.4		117472.4	8 IN	X56	XR	48.531556	103.492634	2130.70	2125.60	5.10	FBE	50.1	25.0	TC1211-108	SC1214-102		
3/4/2014	2635	TC1211-108	50.1	SM2445	0.322		1175+22.5		117522.5	8 IN	X56	XR	48.531429	103.492555	2130.70	2125.50	5.20	FBE	50.0	35.0	TC1211-108	NC0745-99		
3/4/2014	2636	TC1211-108	50.0	SM2446	0.322		1175+72.5		117572.5	8 IN	X56	XR	48.531303	103.492475	2130.50	2124.90	5.60	FBE	49.7	50.1	SC1210-125	TC1211-108		
3/4/2014	2637	SC1210-125	49.7	SM2447	0.322		1176+22.2		117622.2	8 IN	X56	XR	48.531177	103.492396	2131.00	2124.30	6.70	FBE	50.3	50.0	NC0743-28	TC1211-108		
3/4/2014	2638	NC0743-28	50.3	SM2448	0.322		1176+72.5		117672.5	8 IN	X56	XR	48.531050	103.492318	2131.10	2124.50	6.60	FBE	49.9	49.7	SC1210-125	SC1210-125		
3/4/2014	2639	SC1210-125	49.9	SM2449	0.322		1177+22.5		117722.5	8 IN	X56	XR	48.530923	103.492239	2131.10	2125.10	6.00	FBE	50.1	50.3	NC0743-28	NC0743-28		
3/4/2014	2640	NC0743-28	50.1	SM2450	0.322		1177+72.6		117772.6	8 IN	X56	XR	48.530796	103.492160	2131.80	2125.80	6.00	FBE	49.6	49.9	SC1210-125	SC1210-125		
3/4/2014	2641	SC1210-125	49.6	SM2451	0.322		1178+22.1		117822.1	8 IN	X56	XR	48.530671	103.492081	2132.20	2125.70	6.50	FBE	48.8	50.1	NC0745-27	NC0743-28		
3/4/2014	2642	NC0745-27	48.8	SM2452	0.322		1178+71.0		117871.0	8 IN	X56	XR	48.530547	103.492003	2131.80	2126.00	5.80	FBE	50.2	49.6	NC0745-27	SC1210-125		
3/4/2014	2643	NC0745-27	50.2	SM2453	0.322		1179+21.2		117921.2	8 IN	X56	XR	48.530420	103.491924	2131.60	2126.60	5.00	FBE	50.2	48.8	NC0745-27	NC0745-27		
3/4/2014	2644	NC0745-27	50.2	SM2454	0.322		1179+71.3		117971.3	8 IN	X56	XR	48.530294	103.491844	2131.50	2126.40	5.10	FBE	50.4	50.2	SC1212-26	NC0745-27		
3/4/2014	2645	SC1212-26	50.4	SM2455	0.322		1180+21.7		118021.7	8 IN	X56	XR	48.530166	103.491764	2131.80	2126.30	5.50	FBE	50.2	50.2	SC1212-26	NC0745-27		
3/4/2014	2646	SC1212-26	50.2	SM2456	0.322		1180+71.9		118071.9	8 IN	X56	XR	48.530039	103.491685	2131.60	2126.20	5.40	FBE	50.4	50.4	SC1210-125	SC1212-26		
3/4/2014	2647	SC1210-125	50.4	SM2457	0.322		1181+22.3		118122.3	8 IN	X56	XR	48.529911	103.491605	2131.50	2125.90	5.60	FBE	49.9	50.2	NC0745-27	SC1212-26		
3/4/2014	2648	NC0745-27	49.9	SM2458	0.322		1181+72.2		118172.2	8 IN	X56	XR	48.529785	103.491526	2130.50	2125.10	5.40	FBE	50.5	50.4	NC0749-124	SC1210-125		
3/4/2014	2649	NC0749-124	50.5	SM2459	0.322		1182+22.7		118222.7	8 IN	X56	XR	48.529656	103.491448	2129.10	2123.40	5.70	FBE	49.6	49.9	NC0745-27	NC0745-27		
3/4/2014	2650	NC0745-27	49.6	SM2460	0.322		1182+72.4		118272.4	8 IN	X56	XR	48.529530	103.491372	2128.40	2122.60	5.80	FBE	50.3	50.5	NC0744-114	NC0749-124		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 210	SHEET No. 110 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2651	NC0744-114	50.3	SMT292	0.322		1183+22.7		118322.7	8 IN	X56	XR	48.529403	103.491293	2128.10	2123.50	4.60	FBE	48.0	49.6	SC1210-125	NC0745-27		
3/4/2014	2652	SC1210-125	48.0	SM2461	0.322		1183+70.7		118370.7	8 IN	X56	XR	48.529281	103.491217	2129.10	2124.00	5.10	FBE	50.2	50.3	NC0746-126	NC0744-114		
3/4/2014	2653	NC0746-126	50.2	SM2462	0.322		1184+20.9		118420.9	8 IN	X56	XR	48.529157	103.491129	2129.60	2124.50	5.10	FBE	50.2	48.0	SC1212-129	SC1210-125		
3/4/2014	2654	SC1212-129	50.2	SM2463	0.322		1184+71.1		118471.1	8 IN	X56	XR	48.529032	103.491040	2130.10	2124.60	5.50	FBE	50.3	50.2	NC0749-124	NC0746-126		
3/4/2014	2655	NC0749-124	50.3	SM2464	0.322		1185+21.4		118521.4	8 IN	X56	XR	48.528908	103.490950	2129.20	2123.90	5.30	FBE	50.2	50.2	NC0743-28	SC1212-129		
3/4/2014	2656	NC0743-28	50.2	SM2465	0.322		1185+71.7		118571.7	8 IN	X56	XR	48.528784	103.490860	2128.40	2123.10	5.30	FBE	50.1	50.3	NC0749-169	NC0749-124		
3/4/2014	2657	NC0749-169	50.1	SM2466	0.322		1186+21.7		118621.7	8 IN	X56	XR	48.528661	103.490768	2129.00	2123.70	5.30	FBE	50.2	50.2	NC0749-124	NC0743-28		
3/4/2014	2658	NC0749-124	50.2	SM2467	0.322		1186+71.9		118671.9	8 IN	X56	XR	48.528538	103.490675	2131.20	2125.80	5.40	FBE	50.3	50.1	NC0744-110	NC0749-169		
3/4/2014	2659	NC0744-110	50.3	SM2468	0.322		1187+22.2		118722.2	8 IN	X56	XR	48.528415	103.490582	2133.50	2127.70	5.80	FBE	50.3	50.2	SC1212-26	NC0749-124		
3/4/2014	2660	SC1212-26	50.3	SM2469	0.322		1187+72.5		118772.5	8 IN	X56	XR	48.528292	103.490489	2134.90	2129.00	5.90	FBE	50.2	50.3	SC1212-129	NC0744-110		
3/4/2014	2661	SC1212-129	50.2	SM2470	0.322		1188+22.7		118822.7	8 IN	X56	XR	48.528168	103.490399	2135.30	2129.30	6.00	FBE	49.3	50.3	NC0749-124	SC1212-26		
3/4/2014	2662	NC0749-124	49.3	SM2471	0.322		1188+72.0		118872.0	8 IN	X56	XR	48.528046	103.490312	2134.90	2129.40	5.50	FBE	50.3	50.2	NC0749-169	SC1212-129		
3/4/2014	2663	NC0749-169	50.3	SM2472	0.322		1189+22.3		118922.3	8 IN	X56	XR	48.527921	103.490224	2134.50	2129.10	5.40	FBE	50.3	49.3	NC0749-124	NC0749-124		
3/4/2014	2664	NC0749-124	50.3	SM2473	0.322		1189+72.6		118972.6	8 IN	X56	XR	48.527796	103.490137	2134.30	2129.40	4.90	FBE	50.2	50.3	NC0743-28	NC0749-169		
3/4/2014	2665	NC0743-28	50.2	SM2474	0.322		1190+22.8		119022.8	8 IN	X56	XR	48.527672	103.490047	2135.00	2129.60	5.40	FBE	50.2	50.3	NC0743-28	NC0749-124		
3/4/2014	2666	NC0743-28	50.2	SM2475	0.322		1190+72.9		119072.9	8 IN	X56	XR	48.527549	103.489956	2135.40	2130.20	5.20	FBE	49.8	50.2	NC0744-110	NC0743-28		
3/4/2014	2667	NC0744-110	49.8	SM2476	0.322		1191+22.8		119122.8	8 IN	X56	XR	48.527426	103.489865	2135.50	2130.90	4.60	FBE	50.3	50.2	TC1211-108	NC0743-28		
3/4/2014	2668	TC1211-108	50.3	SM2477	0.322		1191+73.1		119173.1	8 IN	X56	XR	48.527302	103.489775	2136.20	2131.80	4.40	FBE	50.1	49.8	SC1212-26	NC0744-110		
3/4/2014	2669	SC1212-26	50.1	SM2478	0.322		1192+23.1		119223.1	8 IN	X56	XR	48.527179	103.489683	2136.90	2132.50	4.40	FBE	50.3	50.3	NC0749-169	TC1211-108		
3/4/2014	2670	NC0749-169	50.3	SM2479	0.322		1192+73.4		119273.4	8 IN	X56	XR	48.527056	103.489590	2138.60	2134.50	4.10	FBE	50.2	50.1	NC0743-28	SC1212-26		
3/4/2014	2671	NC0743-28	50.2	SM2480	0.322		1193+23.7		119323.7	8 IN	X56	XR	48.526933	103.489497	2139.80	2135.60	4.20	FBE	50.2	50.3	NC0745-27	NC0749-169		
3/4/2014	2672	NC0745-27	50.2	SM2481	0.322		1193+73.9		119373.9	8 IN	X56	XR	48.526809	103.489407	2139.00	2134.70	4.30	FBE	49.9	50.2	NC0745-27	NC0743-28		
3/4/2014	2673	NC0745-27	49.9	SM2482	0.322		1194+23.8		119423.8	8 IN	X56	XR	48.526685	103.489321	2136.80	2132.40	4.40	FBE	50.1	50.2	SC1212-26	NC0745-27		
3/4/2014	2674	SC1212-26	50.1	SM2483	0.322		1194+73.9		119473.9	8 IN	X56	XR	48.526560	103.489235	2135.50	2131.00	4.50	FBE	49.9	49.9	SC1212-26	NC0745-27		
3/4/2014	2675	SC1212-26	49.9	SM2484	0.322		1195+23.8		119523.8	8 IN	X56	XR	48.526437	103.489145	2134.50	2130.10	4.40	FBE	50.5	50.1	TC1211-111	SC1212-26		
3/4/2014	2676	TC1211-111	50.5	SM2485	0.322		1195+74.2		119574.2	8 IN	X56	XR	48.526313	103.489053	2133.50	2129.10	4.40	FBE	50.1	49.9	NC0749-124	SC1212-26		
3/4/2014	2677	NC0749-124	50.1	SM2486	0.322		1196+24.4		119624.4	8 IN	X56	XR	48.526189	103.488963	2132.30	2128.10	4.20	FBE	50.2	50.5	NC0746-115	TC1211-111		
3/4/2014	2678	NC0746-115	50.2	SM2487	0.322		1196+74.6		119674.6	8 IN	X56	XR	48.526065	103.488875	2131.10	2126.70	4.40	FBE	50.3	50.1	NC0744-114	NC0749-124		
3/4/2014	2679	NC0744-114	50.3	SM2488	0.322		1197+24.8		119724.8	8 IN	X56	XR	48.525941	103.488785	2129.50	2124.70	4.80	FBE	50.2	50.2	TC1211-111	NC0746-115		
3/4/2014	2680	TC1211-111	50.2	SM2489	0.322		1197+75.0		119775.0	8 IN	X56	XR	48.525817	103.488696	2127.20	2122.90	4.30	FBE	50.3	50.3	NC0744-110	NC0744-114		
3/4/2014	2681	NC0744-110	50.3	SM2490	0.322		1198+25.3		119825.3	8 IN	X56	XR	48.525693	103.488606	2126.60	2122.00	4.60	FBE	50.3	50.2	TC1211-111	TC1211-111		
3/4/2014	2682	TC1211-111	50.3	SM2491	0.322		1198+75.5		119875.5	8 IN	X56	XR	48.525569	103.488515	2127.40	2122.10	5.30	FBE	50.2	50.3	SC1212-26	NC0744-110		
3/4/2014	2683	SC1212-26	50.2	SM2492	0.322		1199+25.7		119925.7	8 IN	X56	XR	48.525445	103.488425	2128.30	2122.70	5.60	FBE	50.3	50.3	SC1214-107	TC1211-111		
3/4/2014	2684	SC1214-107	50.3	SM2493	0.322		1199+76.0		119976.0	8 IN	X56	XR	48.525321	103.488335	2126.80	2121.40	5.40	FBE	50.2	50.2	SC1214-107	SC1212-26		
3/4/2014	2685	SC1214-107	50.2	SM2494	0.322		1200+26.2		120026.2	8 IN	X56	XR	48.525197	103.488244	2125.60	2120.30	5.30	FBE	50.2	50.3	SC1212-26	SC1214-107		
3/4/2014	2686	SC1212-26	50.2	SM2495	0.322		1200+76.5		120076.5	8 IN	X56	XR	48.525073	103.488154	2126.20	2120.40	5.80	FBE	49.9	50.2	SC1212-26	SC1214-107		
3/4/2014	2687	SC1212-26	49.9	SM2496	0.322		1201+26.4		120126.4	8 IN	X56	XR	48.524950	103.488064	2125.80	2119.40	6.40	FBE	50.3	50.2	TC1211-111	SC1212-26		
3/4/2014	2688	TC1211-111	50.3	SM2497	0.322		1201+76.7		120176.7	8 IN	X56	XR	48.524826	103.487974	2125.20	2118.60	6.60	FBE	49.8	49.9	SC1214-107	SC1212-26		
3/4/2014	2689	SC1214-107	49.8	SM2498	0.322		1202+26.5		120226.5	8 IN	X56	XR	48.524703	103.487884	2125.30	2119.60	5.70	FBE	50.3	50.3	SC1214-107	TC1211-111		
3/4/2014	2690	SC1214-107	50.3	SM2499	0.322		1202+76.7		120276.7	8 IN	X56	XR	48.524579	103.487793	2125.80	2120.20	5.60	FBE	50.3	49.8	NC0749-124	SC1214-107		
3/4/2014	2691	NC0749-124	50.3	SM2500	0.322		1203+27.0		120327.0	8 IN	X56	XR	48.524455	103.487702	2125.20	2119.50	5.70	FBE	50.2	50.3	SC1210-125	SC1214-107		
3/4/2014	2692	SC1210-125	50.2	SM2501	0.322		1203+77.2		120377.2	8 IN	X56	XR	48.524332	103.487612	2124.30	2118.60	5.70	FBE	50.4	50.3	NC0749-124	NC0749-124		
3/4/2014	2693	NC0749-124	50.4	SM2502	0.322		1204+27.6		120427.6	8 IN	X56	XR	48.524207	103.487522	2123.60	2118.00	5.60	FBE	50.2	50.2	NC0745-113	SC1210-125		
3/4/2014	2694	NC0745-113	50.2	SM2503	0.322		1204+77.8		120477.8	8 IN	X56	XR	48.524083	103.487432	2123.90	2118.70	5.20	FBE	49.9	50.4	SC1214-107	NC0749-124		
3/4/2014	2695	SC1214-107	49.9	SM2504	0.322		1205+27.7		120527.7	8 IN	X56	XR	48.523960	103.487343	2123.40	2117.70	5.70	FBE	50.1	50.2	TC1211-111	NC0745-113		
3/4/2014	2696	TC1211-111	50.1	SM2505	0.322		1205+77.9		120577.9	8 IN	X56	XR	48.523836	103.487252	2121.10	2115.50	5.60	FBE	50.2	49.9	NC0743-29	SC1214-107		
3/4/2014	2697	NC0743-29	50.2	SM2506	0.322		1206+28.1		120628.1	8 IN	X56	XR	48.523712	103.487162	2118.90	2113.40	5.50	FBE	50.2	50.1	NC0745-27	TC1211-111		
3/4/2014	2698	NC0745-27	50.2	SM2507	0.322		1206+78.3		120678.3	8 IN	X56	XR	48.523589	103.487073	2118.10	2112.60	5.50	FBE	50.3	50.2	NC0742-112	NC0743-29		
3/4/2014	2699	NC0742-112	50.3	SM2508	0.322		1207+28.6		120728.6	8 IN	X56	XR	48.523465	103.486981	2118.20	2112.70	5.50	FBE	50.3	50.2	NC0746-126	NC0745-27		
3/4/2014	2700	NC0746-126	50.3	SM2509	0.322		1207+78.9		120778.9	8 IN	X56	XR	48.523341	103.486890	2117.90	2112.30	5.60	FBE	49.9	50.3	NC0742-112	NC0742-112		
3/4/2014	2701	NC0742-112	49.9	SM2510	0.322		1208+28.8		120828.8	8 IN	X56	XR	48.523218	103.486799	2117.10	2111.50	5.60	FBE	50.2	50.3	NC0743-28	NC0746-126		
3/4/2014	2702	NC0743-28	50.2	SM2511	0.322		1208+79.0		120879.0	8 IN	X56	XR	48.523094	103.486710	2115.70	2110.20	5.50	FBE	50.2	49.9	SC1214-107	NC0742-112		
3/4/2014	2703	SC1214-107	50.2	SM2512	0.322		1209+29.2		120929.2	8 IN	X56	XR	48.522970	103.486621	2114.80	2109.10	5.70	FBE	50.2	50.2	SC1212-26	NC0743-28		
3/4/2014	2704	SC1212-26	50.2	SM2513	0.322		1209+79.4		120979.4	8 IN	X56	XR	48.522845	103.486533	2112.90	2108.20	4.70	FBE	50.2	50.2	NC0743-28	SC1214-107		
3/4/2014	2705	NC0743-28	50.2	SM2514	0.322		1210+29.6		121029.6	8 IN	X56	XR	48.522721	103.486444	2113.90	2109.10	4.80	FBE	50.2	50.2	NC0745-113	SC1212-26		
3/4/2014	2706	NC0745-113	50.2	SM2515	0.322		1210+79.9		121079.9	8 IN	X56	XR	48.522597	103.486353	2114.80	2109.90	4.90	FBE	50.2	50.2	TC1211-111	NC0743-28		
3/4/2014	2707	TC1211-111	50.2	SM2516	0.322		1211+30.1		121130.1	8 IN	X56	XR	48.522473	103.486262	2115.40	2110.90	4.50	FBE	50.0	50.2	NC0745-113	NC0745-113		
3/4/2014	2708	NC0745-113	50.0	SM2517	0.322		1211+80.1		121180.1	8 IN	X56	XR	48.522350	103.486173	2117.60	2113.00	4.60	FBE	50.1	50.2	NC0745-27	TC1211-111		
3/4/2014	2709	NC0745-27	50.1	SM2518	0.322		1212+30.2		121230.2	8 IN	X56	XR	48.522227	103.486081	2119.80	2114.20	5.60	FBE	50.3	50.0	NC0745-27	NC0745-113		
3/4/2014	2710	NC0745-27	50.3	SM2519	0.322		1212+80.5		121280.5	8 IN	X56	XR	48.522103	103.485990	2121.00	2115.90	5.10	FBE	50.2	50.1	SC1214-107	NC0745-27		
3/4/2014	2711	SC1214-107	50.2	SM2520	0.322		1213+30.6		121330.6	8 IN	X56	XR	48.521980	103.485900	2122.30	2117.20	5.10	FBE	50.2	50.3	TC1211-108	NC0745-27		
3/4/2014	2712	TC1211-108	50.2	SM2521	0.322		1213+80.8		121380.8	8 IN	X56	XR	48.521856	103.485810	2125.10	2119.50	5.60	FBE	50.2	50.2	SC1210-125	SC1214-107		
3/4/2014	2713	SC1210-125	50.2	SM2522	0.322		1214+31.0		121431.0	8 IN	X56	XR	48.521732	103.485720	2126.80	2121.60	5.20	FBE	50.3	50.2	NC0745-27	TC1211-108		
3/4/2014	2714	NC0745-27	50.3	SM2523	0.322		1214+81.3		121481.3	8 IN	X56	XR	48.521608	103.485629	2127.50	2122.30	5.20	FBE	50.2	50.2	NC0746-126	SC1210-125		
3/4/2014	2715	NC0746-126	50.2	SM2524	0.322		1215+31.5		121531.5	8 IN	X56	XR	48.521485	103.485538	2128.60	2123.60	5.00	FBE	50.2	50.3	NC0743-28	NC0745-27		
3/4/2014	2716	NC0743-28	50.2	SM2525	0.322		1215+81.7		121581.7	8 IN	X56	XR	48.521361	103.485448	2130.40	2125.30	5.10	FBE	50.2	50.2	NC0749-124	NC0746-126		
3/4/2014	2717	NC0749-124	50.2	SM2526	0.322		1216+31.9		121631.9	8 IN	X56	XR	48.521237	103.485358	2132.60	2127.20	5.40	FBE	50.4	50.2	NC0741-55	NC0743-28		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 211	SHEET No. 111 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2718	NC0741-55	50.4	SM2527	0.322		1216+82.3		121682.3	8 IN	X56	XR	48.521113	103.485267	2134.50	2128.90	5.60	FBE	49.8	50.2	TC1211-59	NC0749-124		
3/4/2014	2719	TC1211-59	49.8	SM2528	0.322		1217+32.1		121732.1	8 IN	X56	XR	48.520990	103.485177	2135.50	2130.00	5.50	FBE	49.8	50.4	SC1209-43	NC0741-55		
3/4/2014	2720	SC1209-43	49.8	SM2529	0.322		1217+81.9		121781.9	8 IN	X56	XR	48.520867	103.485087	2136.10	2130.60	5.50	FBE	50.2	49.8	TC1211-59	TC1211-59		
3/4/2014	2721	TC1211-59	50.2	SM2530	0.322		1218+32.1		121832.1	8 IN	X56	XR	48.520743	103.484998	2136.90	2131.60	5.30	FBE	50.2	49.8	NC0748-134	SC1209-43		
3/4/2014	2722	NC0748-134	50.2	SM2531	0.322		1218+82.3		121882.3	8 IN	X56	XR	48.520619	103.484908	2137.70	2133.10	4.60	FBE	50.3	50.2	NC0743-28	TC1211-59		
3/4/2014	2723	NC0743-28	50.3	SM2532	0.322		1219+32.6		121932.6	8 IN	X56	XR	48.520495	103.484819	2138.90	2134.10	4.80	FBE	49.9	50.2	NC0745-113	NC0748-134		
3/4/2014	2724	NC0745-113	49.9	SM2533	0.322		1219+82.5		121982.5	8 IN	X56	XR	48.520372	103.484729	2139.90	2135.20	4.70	FBE	50.2	50.3	NC0745-113	NC0743-28		
3/4/2014	2725	NC0745-113	50.2	SM2534	0.322		1220+32.7		122032.7	8 IN	X56	XR	48.520248	103.484639	2139.60	2135.20	4.40	FBE	50.3	49.9	NC0745-113	NC0745-113		
3/4/2014	2726	NC0745-113	50.3	SM2535	0.322		1220+83.0		122083.0	8 IN	X56	XR	48.520125	103.484546	2138.10	2133.60	4.50	FBE	50.3	50.2	SC1212-26	NC0745-113		
3/4/2014	2727	SC1212-26	50.3	SM2536	0.322		1221+33.3		122133.3	8 IN	X56	XR	48.520001	103.484454	2138.20	2132.90	5.30	FBE	50.1	50.3	SC1212-26	NC0745-113		
3/4/2014	2728	SC1212-26	50.1	SM2537	0.322		1221+83.4		122183.4	8 IN	X56	XR	48.519878	103.484363	2137.40	2132.60	4.80	FBE	50.3	50.3	NC0743-28	SC1212-26		
3/4/2014	2729	NC0743-28	50.3	SM2538	0.322		1222+33.8		122233.8	8 IN	X56	XR	48.519753	103.484274	2137.80	2132.20	5.60	FBE	50.3	50.1	TC1211-111	SC1212-26		
3/4/2014	2730	TC1211-111	50.3	SMT293	0.322		1222+84.1		122284.1	8 IN	X56	XR	48.519629	103.484183	2138.20	2131.40	6.80	FBE	50.3	50.3	TC1211-111	NC0743-28		
3/4/2014	2731	TC1211-111	50.3	SM2539	0.322		1223+34.4		122334.4	8 IN	X56	XR	48.519504	103.484096	2135.00	2129.40	5.60	FBE	43.1	50.3	TC1211-108	TC1211-111		
3/4/2014	2732	TC1211-108	43.1	SMT294	0.322		1223+77.4		122377.4	8 IN	X56	XR	48.519397	103.484020	2135.00	2129.50	5.50	FBE	50.2	50.3	NC0742-112	TC1211-111		
3/4/2014	2733	NC0742-112	50.2	SM2540	0.322		1224+27.7		122427.7	8 IN	X56	XR	48.519274	103.483928	2135.40	2129.40	6.00	FBE	50.4	43.1	NC0742-112	TC1211-108		
3/4/2014	2734	NC0742-112	50.4	SM2541	0.322		1224+78.1		122478.1	8 IN	X56	XR	48.519150	103.483835	2134.90	2129.90	5.00	FBE	50.3	50.2	SC1210-125	NC0742-112		
3/4/2014	2735	SC1210-125	50.3	SM2542	0.322		1225+28.4		122528.4	8 IN	X56	XR	48.519027	103.483742	2135.00	2129.90	5.10	FBE	50.3	50.4	NC0743-28	NC0742-112		
3/4/2014	2736	NC0743-28	50.3	SM2543	0.322		1225+78.7		122578.7	8 IN	X56	XR	48.518904	103.483650	2134.00	2129.20	4.80	FBE	50.0	50.3	TC1211-108	SC1210-125		
3/4/2014	2737	TC1211-108	50.0	SM2544	0.322		1226+28.8		122628.8	8 IN	X56	XR	48.518780	103.483559	2133.30	2128.50	4.80	FBE	49.8	50.3	NC0743-29	NC0743-28		
3/4/2014	2738	NC0743-29	49.8	SM2545	0.322		1226+78.6		122678.6	8 IN	X56	XR	48.518657	103.483471	2132.80	2128.30	4.50	FBE	50.4	50.0	SC1212-26	TC1211-108		
3/4/2014	2739	SC1212-26	50.4	SM2546	0.322		1227+28.9		122728.9	8 IN	X56	XR	48.518532	103.483383	2133.10	2128.10	5.00	FBE	50.2	49.8	TC1211-118	NC0743-29		
3/4/2014	2740	TC1211-118	50.2	SM2547	0.322		1227+79.1		122779.1	8 IN	X56	XR	48.518408	103.483292	2133.00	2128.30	4.70	FBE	46.0	50.4	NC0749-169	SC1212-26		
3/4/2014	2741	NC0749-169	46.0	SMT295	0.322		1228+25.1		122825.1	8 IN	X56	XR	48.518295	103.483210	2133.10	2127.70	5.40	FBE	41.2	50.2	D48763	TC1211-118		
3/4/2014	254BR	D48763	41.2	SMB39		CALCULATED BORE	1228+66.3		122866.3		X56	XR	48.518194	103.483137	2133.00	2121.37	11.63	ARO	41.2	46.0	D48765	NC0749-169		NOTE 1
3/4/2014	253BR	D48765	41.2	SMB38		CALCULATED BORE	1229+07.5		122907.5		X56	XR	48.518093	103.483063	2132.90	2116.71	16.19	ARO	39.1	41.2	D48765	D48763		NOTE 1
3/4/2014	252BR	D48765	39.1	SMB37		CALCULATED BORE	1229+46.6		122946.6		X56	XR	48.517997	103.482993	2132.81	2113.83	18.98	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	251BR	D48765	41.2	SMB36		CALCULATED BORE	1229+87.8		122987.8		X56	XR	48.517895	103.482919	2134.74	2112.43	22.31	ARO	41.2	39.1	D48763	D48765		NOTE 1
3/4/2014	250BR	D48763	41.2	SMB35		CALCULATED BORE	1230+29.0		123029.0		X56	XR	48.517794	103.482845	2132.61	2112.71	19.90	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	249BR	D48765	41.2	SMB34		CALCULATED BORE	1230+70.2		123070.2		X56	XR	48.517692	103.482771	2131.60	2114.67	16.93	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	248BR	D48763	41.2	SMB33		CALCULATED BORE	1231+11.4		123111.4		X56	XR	48.517591	103.482697	2126.10	2118.30	7.80	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	247BR	D48765	41.2	SMB32		CALCULATED BORE	1231+52.6		123152.6		X56	XR	48.517490	103.482624	2128.90	2123.61	5.29	ARO	3.3	41.2	D48765	D48763		NOTE 1
3/4/2014	246	D48765	3.3	SMT6	0.322	NO COATING INFO	1231+55.9		123155.9	8 IN	X56	XR	48.517482	103.482618	2128.90	2124.10	4.80		46.7	41.2	C3287	D48765		
3/4/2014	M3686	C3287	46.7	SM217	0.322	NO COATING INFO	1232+02.6		123202.6	8 IN	X56	XR	48.517368	103.482531	2127.30	2121.80	5.50		44.9	3.3	C3285	D48765		
3/4/2014	M182	C3285	44.9	SM216	0.322	NO COATING INFO	1232+47.5		123247.5	8 IN	X56	XR	48.517259	103.482446	2126.30	2121.00	5.30		50.1	46.7	C3304	C3287		
3/4/2014	M1263	C3304	50.1	SM215	0.322	NO COATING INFO	1232+97.6		123297.6	8 IN	X56	XR	48.517137	103.482351	2126.10	2120.70	5.40		50.0	44.9	C3301	C3285		
3/4/2014	M510	C3301	50.0	SM214	0.322	NO COATING INFO	1233+47.6		123347.6	8 IN	X56	XR	48.517016	103.482254	2125.70	2120.50	5.20		49.9	50.1	C3298	C3304		
3/4/2014	M465	C3298	49.9	SM213	0.322	NO COATING INFO	1233+97.5		123397.5	8 IN	X56	XR	48.516895	103.482156	2124.20	2119.10	5.10		50.2	50.0	C3297	C3301		
3/4/2014	M252	C3297	50.2	SM211	0.322	NO COATING INFO	1234+47.8		123447.7	8 IN	X56	XR	48.516774	103.482058	2123.60	2118.40	5.20		50.2	49.9	C3312	C3298		
3/4/2014	M420	C3312	50.2	SM210	0.322	NO COATING INFO	1234+98.0		123498.0	8 IN	X56	XR	48.516654	103.481958	2123.80	2118.30	5.50		50.1	50.2	C3314	C3297		
3/4/2014	M377	C3314	50.1	SM209	0.322	NO COATING INFO	1235+48.1		123548.1	8 IN	X56	XR	48.516533	103.481859	2124.20	2118.60	5.60		49.9	50.2	C3645	C3312		
3/4/2014	M2059	C3645	49.9	SM208	0.322	NO COATING INFO	1235+98.0		123598.0	8 IN	X56	XR	48.516412	103.481762	2123.80	2118.40	5.40		39.7	50.1	C3659	C3314		
3/4/2014	M3220	C3659	39.7	SM207	0.322	NO COATING INFO	1236+37.7		123637.7	8 IN	X56	XR	48.516317	103.481683	2122.80	2117.60	5.20		40.9	49.9	C3231	C3645		
3/4/2014	M646	C3231	40.9	SM206	0.322	NO COATING INFO	1236+78.6		123678.6	8 IN	X56	XR	48.516219	103.481600	2122.20	2116.80	5.40		42.0	39.7	C3644	C3659		
3/4/2014	M1179	C3644	42.0	SM205	0.322	NO COATING INFO	1237+20.6		123720.6	8 IN	X56	XR	48.516119	103.481516	2122.40	2117.10	5.30		50.4	40.9	C3305	C3231		
3/4/2014	M292	C3305	50.4	SM204	0.322	NO COATING INFO	1237+70.9		123770.9	8 IN	X56	XR	48.515998	103.481417	2122.10	2116.10	6.00		49.7	42.0	C1932	C3644		
3/4/2014	M1642	C1932	49.7	SM203	0.322	NO COATING INFO	1238+20.6		123820.6	8 IN	X56	XR	48.515877	103.481320	2121.00	2114.90	6.10		50.3	50.4	C1931	C3305		
3/4/2014	M1630	C1931	50.3	SM202	0.322	NO COATING INFO	1238+70.9		123870.9	8 IN	X56	XR	48.515756	103.481223	2119.80	2114.50	5.30		50.1	49.7	C3632	C1932		
3/4/2014	M2616	C3632	50.1	SM201	0.322	NO COATING INFO	1239+21.0		123921.0	8 IN	X56	XR	48.515635	103.481125	2118.60	2113.10	5.50		50.4	50.3	C3636	C1931		
3/4/2014	M204	C3636	50.4	SM200	0.322	NO COATING INFO	1239+71.4		123971.4	8 IN	X56	XR	48.515514	103.481026	2116.70	2111.00	5.70		50.2	50.1	C3614	C3632		
3/4/2014	M3224	C3614	50.2	SM199	0.322	NO COATING INFO	1240+21.6		124021.6	8 IN	X56	XR	48.515393	103.480927	2115.50	2109.20	6.30		49.7	50.4	C3657	C3636		
3/4/2014	M3222	C3657	49.7	SM192	0.322	NO COATING INFO	1240+71.3		124071.3	8 IN	X56	XR	48.515273	103.480829	2113.90	2107.80	6.10		50.3	50.2	C3658	C3614		
3/4/2014	M3225	C3658	50.3	SM198	0.322	NO COATING INFO	1241+21.5		124121.5	8 IN	X56	XR	48.515152	103.480731	2112.90	2106.90	6.00		49.5	49.7	C3601	C3657		
3/4/2014	M3589	C3601	49.5	SM197	0.322	NO COATING INFO	1241+71.0		124171.0	8 IN	X56	XR	48.515032	103.480635	2112.60	2106.60	6.00		50.2	50.3	C3282	C3658		
3/4/2014	M173	C3282	50.2	SM196	0.322	NO COATING INFO	1242+21.3		124221.3	8 IN	X56	XR	48.514910	103.480539	2112.00	2106.50	5.50		29.8	49.5	C3654	C3601		
3/4/2014	M1638	C3654	29.8	SM195	0.322	NO COATING INFO	1242+51.1		124251.1	8 IN	X56	XR	48.514838	103.480482	2112.30	2106.30	6.00		50.3	50.2	C3647	C3282		
3/4/2014	M610	C3647	50.3	SM194	0.322	NO COATING INFO	1243+01.4		124301.4	8 IN	X56	XR	48.514716	103.480385	2111.70	2105.60	6.10		30.9	29.8	C3602	C3654		
3/4/2014	M192	C3602	30.9	SM193	0.322	NO COATING INFO	1243+32.3		124332.3	8 IN	X56	XR	48.514641	103.480325	2110.60	2104.60	6.00		50.3	50.3	C3646	C3647		
3/4/2014	M2582	C3646	50.3	SM189	0.322	NO COATING INFO	1243+82.5		124382.5	8 IN	X56	XR	48.514521	103.480226	2107.20	2101.50	5.70		39.1	30.9	C3837	C3602		
3/4/2014	M931	C3837	39.1	SM188	0.322	NO COATING INFO	1244+21.7		124421.7	8 IN	X56	XR	48.514427	103.480148	2103.20	2097.90	5.30		42.5	50.3	C3641	C3646		
3/4/2014	M1285	C3641	42.5	SM187	0.322	NO COATING INFO	1244+64.1		124464.1	8 IN	X56	XR	48.514326	103.480063	2098.70	2093.60	5.10		50.3	39.1	C1934	C3837		
3/4/2014	M1589	C1934	50.3	SM186	0.322	NO COATING INFO	1245+14.4		124514.4	8 IN	X56	XR	48.514206	103.479962	2094.30	2088.90	5.40		50.2	42.5	C1933	C3641		
3/4/2014	M1420	C1933	50.2	SM185	0.322	NO COATING INFO	1245+64.6	P.I. < 2°23'36" LT.	124564.6	8 IN	X56	XR	48.514086	103.479862	2091.70	2086.70	5.00		50.2	50.3	C3648	C1934		
3/4/2014	M1111	C3648	50.2	SM184	0.322	NO COATING INFO	1246+14.8		124614.8	8 IN	X56	XR	48.513967	103.479757	2091.90	2087.50	4.40		12.0	50.2	C3660	C1933		
3/4/2014	M511	C3660	12.0	SM219	0.322	NO COATING INFO	1246+26.7	P.I. < 2°46'28" RT.	124626.7	8 IN	X56	XR	48.513939	103.479732	2091.70	2087.50	4.20		6.0	50.2	D48765	C3648		
3/4/2014	210BR	D48765	6.0	SMB28		CALCULATED BORE	1246+32.7		124632.7		X56	XR	48.513925	103.479721	2091.70	2086.87	4.83	ARO	41.2	12.0	D48765	C3660		NOTE 1
3/4/2014	209BR	D48765	41.2	SMB27		CALCULATED BORE	1246+73.9		124673.9		X56	XR	48.513826	103.479641	2091.70	2082.90	8.80	ARO	41.2	6.0	D48767	D48765		NOTE 1

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 212	SHEET No. 112 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL									Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	208BR	D48767	41.2	SMB26		CALCULATED BORE	1247+15.1		124715.1		X56	XR	48.513726	103.479561	2088.29	2079.51	8.78	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	207BR	D48765	41.2	SMB25		CALCULATED BORE	1247+56.3		124756.3		X56	XR	48.513627	103.479481	2086.81	2076.72	10.09	ARO	41.2	41.2	D48765	D48767		NOTE 1
3/4/2014	206BR	D48765	41.2	SMB24		CALCULATED BORE	1247+97.5		124797.5		X56	XR	48.513527	103.479401	2086.87	2074.53	12.34	ARO	41.3	41.2	D48765	D48765		NOTE 1
3/4/2014	205BR	D48765	41.3	SMB23		CALCULATED BORE	1248+38.8		124838.8		X56	XR	48.513428	103.479321	2086.93	2072.93	14.00	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	204BR	D48765	41.2	SMB22		CALCULATED BORE	1248+80.0		124880.0		X56	XR	48.513328	103.479241	2086.98	2071.93	15.05	ARO	41.2	41.3	D48765	D48765		NOTE 1
3/4/2014	203BR	D48765	41.2	SMB21		CALCULATED BORE	1249+21.2		124921.2		X56	XR	48.513228	103.479161	2087.00	2071.52	15.48	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	202BR	D48765	41.2	SMB20		CALCULATED BORE	1249+62.4		124962.4		X56	XR	48.513129	103.479081	2087.07	2071.72	15.35	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	201BR	D48765	41.2	SMB19		CALCULATED BORE	1250+03.6		125003.6		X56	XR	48.513029	103.479001	2087.14	2072.50	14.64	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	200BR	D48765	41.2	SMB18		CALCULATED BORE	1250+44.8		125044.8		X56	XR	48.512930	103.478921	2087.24	2073.89	13.35	ARO	41.1	41.2	D48765	D48765		NOTE 1
3/4/2014	199BR	D48765	41.1	SMB17		CALCULATED BORE	1250+85.9		125085.9		X56	XR	48.512830	103.478842	2087.31	2075.86	11.45	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	198BR	D48765	41.2	SMB16		CALCULATED BORE	1251+27.1		125127.1		X56	XR	48.512731	103.478762	2086.90	2078.43	8.47	ARO	40.0	41.1	D48765	D48765		NOTE 1
3/4/2014		D48765	40.0	SMT5	0.322	MISSING JT NUMBER, NO COAT INFO	1251+67.2		125167.2	8 IN	X56	XR	48.512634	103.478684	2087.40	2081.50	5.90		50.2	41.2	C3295	D48765		
3/4/2014	M427	C3295	50.2	SM183	0.322	NO COATING INFO	1252+17.3	P.I. < 2°31'52" LT.	125217.3	8 IN	X56	XR	48.512513	103.478588	2087.70	2081.70	6.00		50.2	40.0	C3600	D48765		
3/4/2014	M3479	C3600	50.2	SM182	0.322	NO COATING INFO	1252+67.6		125267.6	8 IN	X56	XR	48.512394	103.478483	2087.20	2081.80	5.40		50.2	50.2	C3234	C3295		
3/4/2014	M3635	C3234	50.2	SM181	0.322	NO COATING INFO	1253+17.7		125317.7	8 IN	X56	XR	48.512275	103.478379	2086.90	2081.30	5.60		49.1	50.2	C3240	C3600		
3/4/2014	M503	C3240	49.1	SM180	0.322	NO COATING INFO	1253+66.9		125366.9	8 IN	X56	XR	48.512157	103.478280	2087.20	2081.00	6.20		49.9	50.2	C3230	C3234		
3/4/2014	M3268	C3230	49.9	SM179	0.322	NO COATING INFO	1254+16.7		125416.7	8 IN	X56	XR	48.512037	103.478181	2087.50	2082.10	5.40		50.2	49.1	C3218	C3240		
3/4/2014	M2616	C3218	50.2	SM178	0.322	NO COATING INFO	1254+66.9		125466.9	8 IN	X56	XR	48.511917	103.478081	2087.80	2082.00	5.80		50.3	49.9	C3294	C3230		
3/4/2014	M370	C3294	50.3	SM177	0.322	NO COATING INFO	1255+17.2		125517.2	8 IN	X56	XR	48.511797	103.477980	2088.20	2082.30	5.90		50.3	50.2	C3357	C3218		
3/4/2014	M409	C3357	50.3	SM176	0.322	NO COATING INFO	1255+67.5		125567.5	8 IN	X56	XR	48.511676	103.477879	2088.70	2083.30	5.40		49.9	50.3	C3206	C3294		
3/4/2014	M19	C3206	49.9	SM175	0.322	NO COATING INFO	1256+17.4		125617.4	8 IN	X56	XR	48.511556	103.477781	2088.90	2083.70	5.20		50.2	50.3	C3247	C3357		
3/4/2014	M3247	C3247	50.2	SM174	0.322	NO COATING INFO	1256+67.6		125667.6	8 IN	X56	XR	48.511434	103.477686	2089.20	2083.70	5.50		50.0	49.9	C3306	C3206		
3/4/2014	M291	C3306	50.0	SM173	0.322	NO COATING INFO	1257+17.6		125717.6	8 IN	X56	XR	48.511313	103.477589	2089.70	2083.70	6.00		50.1	50.2	C3309	C3247		
3/4/2014	M416	C3309	50.1	SM172	0.322	NO COATING INFO	1257+67.7		125767.7	8 IN	X56	XR	48.511192	103.477492	2089.90	2083.80	6.10		50.4	50.0	C3639	C3306		
3/4/2014	M3351	C3639	50.4	SM171	0.322	NO COATING INFO	1258+18.1		125818.1	8 IN	X56	XR	48.511070	103.477394	2089.90	2084.10	5.80		50.3	50.1	C3299	C3309		
3/4/2014	M455	C3299	50.3	SM170	0.322	NO COATING INFO	1258+68.4		125868.4	8 IN	X56	XR	48.510947	103.477299	2090.00	2084.60	5.40		50.2	50.4	C3204	C3639		
3/4/2014	M3456	C3204	50.2	SM169	0.322	NO COATING INFO	1259+18.5	P.I. < 3°34'20" LT.	125918.5	8 IN	X56	XR	48.510827	103.477199	2089.90	2084.40	5.50		50.8	50.3	C3300	C3299		
3/4/2014	M403	C3300	50.8	SM168	0.322	NO COATING INFO	1259+69.4	P.I. < 6°54'22" LT.	125969.4	8 IN	X56	XR	48.510733	103.477049	2089.50	2084.00	5.50		49.6	50.2	C3208	C3204		
3/4/2014	M3268	C3208	49.6	SM167	0.322	NO COATING INFO	1260+19.0		126019.0	8 IN	X56	XR	48.510670	103.476868	2089.50	2084.40	5.10		50.4	50.8	C1935	C3300		
3/4/2014	M2716	C1935	50.4	SM166	0.322	NO COATING INFO	1260+69.4	P.I. < 2°08'51" RT.	126069.4	8 IN	X56	XR	48.510604	103.476685	2089.90	2084.90	5.00		50.4	49.6	C1936	C3208		
3/4/2014	M1637	C1936	50.4	SM165	0.322	NO COATING INFO	1261+19.9		126119.9	8 IN	X56	XR	48.510533	103.476506	2089.80	2085.10	4.70		50.1	50.4	C3205	C1935		
3/4/2014	M951	C3205	50.1	SM164	0.322	NO COATING INFO	1261+69.9		126169.9	8 IN	X56	XR	48.510461	103.476331	2089.50	2085.00	4.50		50.2	50.4	C3635	C1936		
3/4/2014	M3239	C3635	50.2	SM163	0.322	NO COATING INFO	1262+20.2		126220.2	8 IN	X56	XR	48.510389	103.476154	2089.50	2085.00	4.50		50.2	50.1	C3279	C3205		
3/4/2014	M146	C3279	50.2	SM162	0.322	NO COATING INFO	1262+70.4		126270.4	8 IN	X56	XR	48.510317	103.475977	2089.70	2084.90	4.80		50.1	50.2	C3280	C3635		
3/4/2014	M143	C3280	50.1	SM161	0.322	NO COATING INFO	1263+20.4		126320.4	8 IN	X56	XR	48.510246	103.475800	2090.00	2084.80	5.20		50.4	50.2	C3281	C3279		
3/4/2014	M219	C3281	50.4	SM160	0.322	NO COATING INFO	1263+70.9		126370.9	8 IN	X56	XR	48.510176	103.475622	2089.60	2084.60	5.00		50.4	50.1	C3200	C3280		
3/4/2014	M3212	C3200	50.4	SM159	0.322	NO COATING INFO	1264+21.3		126421.3	8 IN	X56	XR	48.510106	103.475442	2089.80	2084.60	5.20		49.8	50.4	C3292	C3281		
3/4/2014	M429	C3292	49.8	SM158	0.322	NO COATING INFO	1264+71.0		126471.0	8 IN	X56	XR	48.510038	103.475264	2089.70	2084.90	4.80		50.3	50.4	C3291	C3200		
3/4/2014	M482	C3291	50.3	SM157	0.322	NO COATING INFO	1265+21.3		126521.3	8 IN	X56	XR	48.509968	103.475085	2089.60	2084.40	5.20		49.2	49.8	C3307	C3292		
3/4/2014	M289	C3307	49.2	SM156	0.322	NO COATING INFO	1265+70.5		126570.5	8 IN	X56	XR	48.509899	103.474911	2089.90	2084.20	5.70		50.0	50.3	C3293	C3291		
3/4/2014	M463	C3293	50.0	SM155	0.322	NO COATING INFO	1266+20.6		126620.6	8 IN	X56	XR	48.509828	103.474735	2089.90	2084.40	5.50		49.8	49.2	C3284	C3307		
3/4/2014	M168	C3284	49.8	SM154	0.322	NO COATING INFO	1266+70.4		126670.4	8 IN	X56	XR	48.509757	103.474558	2089.90	2084.10	5.80		50.3	50.0	C3311	C3293		
3/4/2014	M419	C3311	50.3	SM214	0.322	NO COATING INFO	1267+20.7		126720.7	8 IN	X56	XR	48.509686	103.474381	2089.90	2083.60	6.30		19.5	49.8	C3313	C3284		
3/4/2014	M394A	C3313	19.5	SMT4	0.322	NO COATING INFO	1267+40.2		126740.2	8 IN	X56	XR	48.509659	103.474312	2089.90	2083.00	6.90		40.3	50.3	D48765	C3311		
3/4/2014	158BR	D48765	40.3	SMB15		CALCULATED BORE	1267+80.5		126780.5		X56	XR	48.509602	103.474170	2087.70	2079.15	8.55	ARO	41.2	19.5	D48765	C3313		NOTE 1
3/4/2014	157BR	D48765	41.2	SMB14		CALCULATED BORE	1268+21.7		126821.7		X56	XR	48.509544	103.474024	2086.02	2077.29	8.73	ARO	40.4	40.3	D48763	D48765		NOTE 1
3/4/2014	156BR	D48763	40.4	SMB13		CALCULATED BORE	1268+62.1		126862.1		X56	XR	48.509487	103.473881	2089.74	2077.52	12.22	ARO	40.7	41.2	D48763	D48765		NOTE 1
3/4/2014	155BR	D48763	40.7	SMB12		CALCULATED BORE	1269+02.8		126902.8		X56	XR	48.509430	103.473737	2098.61	2079.79	18.82	ARO	41.4	40.4	D48765	D48763		NOTE 1
3/4/2014	154	D48765	41.4	SM112	0.322	NO COATING INFO	1269+44.1		126944.1	8 IN	X56	XR	48.509372	103.473592	2087.50	2082.90	4.60		20.5	40.7	C3313	D48763		
3/4/2014	M394	C3313	20.5	SM147	0.322	NO COATING INFO	1269+64.6		126964.6	8 IN	X56	XR	48.509342	103.473521	2087.70	2083.00	4.70		49.3	41.4	C3656	D48765		
3/4/2014	M280	C3656	49.3	SM146	0.322	NO COATING INFO	1270+13.9		127013.9	8 IN	X56	XR	48.509272	103.473347	2089.40	2084.40	5.00		50.5	20.5	C3289	C3313		
3/4/2014	M405	C3289	50.5	SM145	0.322	NO COATING INFO	1270+64.4		127064.4	8 IN	X56	XR	48.509202	103.473167	2090.50	2085.30	5.20		50.1	49.3	C3643	C3656		
3/4/2014	M845	C3643	50.1	SM144	0.322	NO COATING INFO	1271+14.5		127114.5	8 IN	X56	XR	48.509133	103.472988	2091.30	2085.80	5.50		50.0	50.5	C3249	C3289		
3/4/2014	M1638	C3249	50.0	SM143	0.322	NO COATING INFO	1271+64.4		127164.4	8 IN	X56	XR	48.509064	103.472810	2091.60	2086.40	5.20		43.2	50.1	C3283	C3643		
3/4/2014	M1246	C3283	43.2	SMT3	0.322	NO COATING INFO	1272+07.6		127207.6	8 IN	X56	XR	48.509004	103.472657	2091.80	2086.90	4.90		13.3	50.0	C3616	C3249		
3/4/2014	M1676A	C3616	13.3	SMT2	0.322	NO COATING INFO	1272+20.9	P.I. < 19°45'38" RT.	127220.9	8 IN	X56	XR	48.508986	103.472610	2092.10	2087.10	5.00		5.8	43.2	C30174	C3283		
3/4/2014		C30174	5.8	SMT1	0.322	MISSING JT NUMBER, NO COAT INFO	1272+26.7	P.I. < 5°09'08" RT.	127226.7	8 IN	X56	XR	48.508972	103.472601	2092.10	2087.20	4.90		29.0	13.3	C3616	C3616		
3/4/2014	M1676	C3616	29.0	SM142	0.322	NO COATING INFO	1272+55.7		127255.7	8 IN	X56	XR	48.508892	103.472602	2092.40	2087.40	5.00		50.4	5.8	C3618	C30174		
3/4/2014	M671	C3618	50.4	SM141	0.322	NO COATING INFO	1273+06.1		127306.1	8 IN	X56	XR	48.508754	103.472604	2093.30	2087.60	5.70		50.4	29.0	C3642	C3616		
3/4/2014	M759	C3642	50.4	SM140	0.322	NO COATING INFO	1273+56.5		127356.5	8 IN	X56	XR	48.508616	103.472605	2093.90	2088.30	5.60		49.9	50.4	C3663	C3618		
3/4/2014	M557	C3663	49.9	SM139	0.322	NO COATING INFO	1274+06.5		127406.5	8 IN	X56	XR	48.508479	103.472606	2093.70	2088.20	5.50		30.2	50.4	C3652	C3642		
3/4/2014	M318	C3652	30.2	SM138	0.322	NO COATING INFO	1274+36.7		127436.7	8 IN	X56	XR	48.508396	103.472608	2093.70	2088.40	5.30		50.2	49.9	C3302	C3663		
3/4/2014	M460	C3302	50.2	SM137	0.322	NO COATING INFO	1274+86.8		127486.8	8 IN	X56	XR	48.508259	103.472609	2094.00	2088.50	5.50		34.7	30.2	C3624	C3652		
3/4/2014	M3449	C3624	34.7	SM136	0.322	NO COATING INFO	1275+21.6		127521.6	8 IN	X56	XR	48.508163	103.472609	2093.50	2088.00	5.50		42.4	50.2	C3622	C3302		
3/4/2014	M304	C3622	42.4	SM135	0.322	NO COATING INFO	1275+64.0		127564.0	8 IN	X56	XR	48.508047	103.472612	2092.50	2087.60	4.90		50.3	34.7	C3290	C3624		
3/4/2014	M406	C3290	50.3	SM134	0.322	NO COATING INFO	1276+14.4		127614.4	8 IN	X56	XR	48.507909	103.472616	2094.10	2088.40	5.70		29.7	42.4	C3653	C3622		
3/4/2014	M1143	C3653	29.7	SM133	0.322	NO COATING INFO	1276+44.1		127644.1	8 IN	X56	XR	48.507828	103.472617	2094.60	2089.20	5.40		50.2	50.3	C3640	C3290		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 213	SHEET No. 113 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	M1578	C3640	50.2	SM132	0.322	NO COATING INFO	1276+94.3		127694.3	8 IN	X56	XR	48.507690	103.472618	2094.80	2089.60	5.20		50.3	29.7	C3629	C3653		
3/4/2014	M3221	C3629	50.3	SM131	0.322	NO COATING INFO	1277+44.6		127744.6	8 IN	X56	XR	48.507552	103.472619	2095.30	2089.40	5.90		50.1	50.2	C3631	C3640		
3/4/2014	M259	C3631	50.1	SM130	0.322	NO COATING INFO	1277+94.8		127794.8	8 IN	X56	XR	48.507415	103.472618	2095.40	2089.70	5.70		50.3	50.3	C3630	C3629		
3/4/2014	M3223	C3630	50.3	SM129	0.322	NO COATING INFO	1278+45.1		127845.1	8 IN	X56	XR	48.507277	103.472617	2096.10	2090.20	5.90		50.0	50.1	C3615	C3631		
3/4/2014	M1677	C3615	50.0	SM128	0.322	NO COATING INFO	1278+95.0		127895.0	8 IN	X56	XR	48.507140	103.472616	2096.90	2090.70	6.20		49.2	50.3	C3628	C3630		
3/4/2014	M3589	C3628	49.2	SM127	0.322	NO COATING INFO	1279+44.2		127944.2	8 IN	X56	XR	48.507005	103.472618	2097.70	2091.60	6.10		50.2	50.0	C3617	C3615		
3/4/2014	M1788	C3617	50.2	SM126	0.322	NO COATING INFO	1279+94.5		127994.5	8 IN	X56	XR	48.506867	103.472621	2098.40	2092.60	5.80		49.9	49.2	C3619	C3628		
3/4/2014	M1653	C3619	49.9	SM125	0.322	NO COATING INFO	1280+44.4		128044.4	8 IN	X56	XR	48.506731	103.472622	2099.30	2093.10	6.20		50.1	50.2	C3613	C3617		
3/4/2014	M2919	C3613	50.1	SM124	0.322	NO COATING INFO	1280+94.5		128094.5	8 IN	X56	XR	48.506593	103.472620	2099.70	2093.50	6.20		49.9	49.9	C3608	C3619		
3/4/2014	M2376	C3608	49.9	SM123	0.322	NO COATING INFO	1281+44.4		128144.4	8 IN	X56	XR	48.506456	103.472620	2099.90	2093.90	6.00		50.2	50.1	C1919	C3613		
3/4/2014	M1406	C1919	50.2	SM122	0.322	NO COATING INFO	1281+94.6		128194.6	8 IN	X56	XR	48.506319	103.472619	2100.20	2094.20	6.00		50.2	49.9	C3604	C3608		
3/4/2014	M3477	C3604	50.2	SM121	0.322	NO COATING INFO	1282+44.8		128244.8	8 IN	X56	XR	48.506181	103.472618	2100.50	2094.70	5.80		50.2	50.2	C3603	C1919		
3/4/2014	M3392	C3603	50.2	SM120	0.322	NO COATING INFO	1282+95.0		128295.0	8 IN	X56	XR	48.506044	103.472619	2101.20	2095.50	5.70		50.6	50.2	C3620	C3604		
3/4/2014	M3221	C3620	50.6	SM119	0.322	NO COATING INFO	1283+45.6		128345.6	8 IN	X56	XR	48.505905	103.472619	2101.80	2095.90	5.90		50.0	50.2	C3609	C3603		
3/4/2014	M2738	C3609	50.0	SM118	0.322	NO COATING INFO	1283+95.6		128395.6	8 IN	X56	XR	48.505768	103.472621	2102.40	2096.40	6.00		50.2	50.6	C3612	C3620		
3/4/2014	M3412	C3612	50.2	SM117	0.322	NO COATING INFO	1284+45.8		128445.8	8 IN	X56	XR	48.505630	103.472622	2102.90	2097.60	5.30		50.2	50.0	C3611	C3609		
3/4/2014	M2094	C3611	50.2	SM116	0.322	NO COATING INFO	1284+96.1		128496.1	8 IN	X56	XR	48.505493	103.472622	2103.80	2098.40	5.40		50.2	50.2	C3610	C3612		
3/4/2014	M3181	C3610	50.2	SM115	0.322	NO COATING INFO	1285+46.3		128546.3	8 IN	X56	XR	48.505355	103.472622	2104.70	2099.30	5.40		32.3	50.2	C3650	C3611		
3/4/2014	M1243	C3650	32.3	SM114	0.322	NO COATING INFO	1285+78.6		128578.6	8 IN	X56	XR	48.505266	103.472622	2105.10	2099.70	5.40		32.6	50.2	C3651	C3610		
3/4/2014	M1230	C3651	32.6	SM113	0.322	NO COATING INFO	1286+11.2		128611.2	8 IN	X56	XR	48.505177	103.472621	2105.30	2100.10	5.20		31.7	32.3	C3655	C3650		
3/4/2014	M418	C3655	31.7	SM112	0.322	NO COATING INFO	1286+42.9		128642.9	8 IN	X56	XR	48.505090	103.472622	2105.70	2100.20	5.50		50.2	32.6	C1943	C3651		
3/4/2014	M3357	C1943	50.2	SM111	0.322	NO COATING INFO	1286+93.1		128693.1	8 IN	X56	XR	48.504952	103.472624	2105.70	2100.30	5.40		50.2	31.7	C1941	C3655		
3/4/2014	M1493	C1941	50.2	SM110	0.322	NO COATING INFO	1287+43.3		128743.3	8 IN	X56	XR	48.504815	103.472624	2106.10	2101.00	5.10		49.9	50.2	C3621	C1943		
3/4/2014	M3240	C3621	49.9	SM109	0.322	NO COATING INFO	1287+93.2		128793.2	8 IN	X56	XR	48.504678	103.472624	2106.60	2101.40	5.20		50.3	50.2	C3607	C1941		
3/4/2014	M204	C3607	50.3	SM191	0.322	NO COATING INFO	1288+43.5		128843.5	8 IN	X56	XR	48.504540	103.472624	2107.80	2101.60	6.20		47.0	49.9	C3625	C3621		
3/4/2014	M2926	C3625	47.0	SM190	0.322	NO COATING INFO	1288+90.5		128890.5	8 IN	X56	XR	48.504411	103.472623	2107.60	2102.60	5.00		50.4	50.3	C3207	C3607		
3/4/2014	M3711	C3207	50.4	SM148	0.322	NO COATING INFO	1289+40.9		128940.9	8 IN	X56	XR	48.504273	103.472624	2107.90	2103.20	4.70		50.3	47.0	C3210	C3625		
3/4/2014	M3467	C3210	50.3	SM149	0.322	NO COATING INFO	1289+91.2		128991.2	8 IN	X56	XR	48.504136	103.472624	2108.90	2103.20	5.70		50.1	50.4	C3370	C3207		
3/4/2014	M337	C3370	50.1	SM150	0.322	NO COATING INFO	1290+41.3		129041.3	8 IN	X56	XR	48.503998	103.472624	2107.80	2102.30	5.50		50.3	50.3	C3233	C3210		
3/4/2014	M2566	C3233	50.3	SM151	0.322	NO COATING INFO	1290+91.6		129091.6	8 IN	X56	XR	48.503860	103.472625	2107.60	2101.90	5.70		49.2	50.1	C3366	C3370		
3/4/2014	M321	C3366	49.2	SM152	0.322	NO COATING INFO	1291+40.8		129140.8	8 IN	X56	XR	48.503725	103.472625	2107.90	2102.00	5.90		49.9	50.3	C3201	C3233		
3/4/2014	M3478	C3201	49.9	SM153	0.322	NO COATING INFO	1291+90.6		129190.6	8 IN	X56	XR	48.503589	103.472626	2108.90	2103.40	5.50		37.7	49.2	NC0747-163	C3366		
3/4/2014	159	NC0747-163	37.7	SMT298	0.322		1292+28.3		129228.3	8 IN	X56	XR	48.503486	103.472627	2110.10	2104.20	5.90	FBE	13.1	49.9	NC0749-150	C3201		
3/4/2014	921A	NC0749-150	13.1	SMT299	0.322		1292+41.4	P.I. < 17°05'16" LT.	129241.4	8 IN	X56	XR	48.503450	103.472627	2110.60	2104.00	6.60	FBE	9.0	37.7	C30174	NC0747-163		
3/4/2014	F41	C30174	9.0	SMT300	0.322		1292+50.4	P.I. < 17°35'54" LT.	129250.4	8 IN	X56	XR	48.503434	103.472604	2110.60	2103.70	6.90	FBE	23.7	13.1	D48765	NC0749-150		
3/4/2014	210BRA	D48765	23.7	SMB244		CALCULATED BORE	1292+74.1		129274.1		X56	XR	48.503434	103.472509	2110.03	2098.67	11.36	ARO	41.2	9.0	D48765	C30174		NOTE 1
3/4/2014	243BR	D48765	41.2	SMB245		CALCULATED BORE	1293+15.3		129315.3		X56	XR	48.503434	103.472340	2110.20	2093.37	16.83	ARO	38.3	23.7	D48765	D48765		NOTE 1
3/4/2014	244BR	D48765	38.3	SMB246		CALCULATED BORE	1293+53.6		129353.6		X56	XR	48.503434	103.472182	2110.30	2092.39	17.91	ARO	33.2	41.2	D48765	D48765		NOTE 1
3/4/2014	246BR	D48765	33.2	SMB247		CALCULATED BORE	1293+86.8		129386.8		X56	XR	48.503434	103.472046	2110.50	2094.65	15.85	ARO	34.6	38.3	D48763	D48765		NOTE 1
3/4/2014	245BR	D48763	34.6	SMB248		CALCULATED BORE	1294+21.4		129421.4		X56	XR	48.503434	103.471905	2110.80	2100.04	10.76	ARO	24.4	33.2	D48765	D48765		NOTE 1
3/4/2014	2742BR	D48765	24.4	SMB297	0.322		1294+45.8		129445.8	8 IN	X56	XR	48.503435	103.471807	2110.20	2105.70	4.50	ARO	34.9	34.6	NC0748-165	D48763		
3/4/2014	2743	NC0748-165	34.9	SMT296	0.322		1294+80.7		129480.7	8 IN	X56	XR	48.503434	103.471663	2110.60	2105.80	4.80	FBE	37.3	24.4	SC1208-24	D48765		
3/4/2014	2744	SC1208-24	37.3	SM2548	0.322		1295+18.0		129518.0	8 IN	X56	XR	48.503434	103.471509	2110.60	2105.70	4.90	FBE	50.2	34.9	NC0745-28	NC0748-165		
3/4/2014	2745	NC0745-28	50.2	SM2549	0.322		1295+68.2		129568.2	8 IN	X56	XR	48.503436	103.471302	2111.00	2105.90	5.10	FBE	50.2	37.3	NC0745-28	SC1208-24		
3/4/2014	2746	NC0745-28	50.2	SM2550	0.322		1296+18.5		129618.5	8 IN	X56	XR	48.503439	103.471095	2111.50	2106.70	4.80	FBE	50.3	50.2	NC0744-114	NC0745-28		
3/4/2014	2747	NC0744-114	50.3	SM2551	0.322		1296+68.8		129668.8	8 IN	X56	XR	48.503439	103.470887	2112.00	2107.40	4.60	FBE	50.2	50.2	SC1214-107	NC0745-28		
3/4/2014	2748	SC1214-107	50.2	SM2552	0.322		1297+18.9		129718.9	8 IN	X56	XR	48.503437	103.470680	2112.80	2107.80	5.00	FBE	50.2	50.3	NC0745-27	NC0744-114		
3/4/2014	2749	NC0745-27	50.2	SM2553	0.322		1297+69.2		129769.2	8 IN	X56	XR	48.503436	103.470473	2113.50	2108.60	4.90	FBE	50.5	50.2	SC1215-117	SC1214-107		
3/4/2014	2750	SC1215-117	50.5	SM2554	0.322		1298+19.7		129819.7	8 IN	X56	XR	48.503435	103.470265	2113.90	2109.00	4.90	FBE	50.0	50.2	SC1210-125	NC0745-27		
3/4/2014	2751	SC1210-125	50.0	SM2555	0.322		1298+69.8		129869.8	8 IN	X56	XR	48.503435	103.470058	2114.70	2109.80	4.90	FBE	50.4	50.5	SC1209-49	SC1215-117		
3/4/2014	2752	SC1209-49	50.4	SM2556	0.322		1299+20.1		129920.1	8 IN	X56	XR	48.503434	103.469851	2115.40	2110.20	5.20	FBE	49.8	50.0	SC1213-65	SC1210-125		
3/4/2014	2753	SC1213-65	49.8	SM2557	0.322		1299+69.9		129969.9	8 IN	X56	XR	48.503432	103.469646	2116.60	2111.40	5.20	FBE	50.3	50.4	NC0749-67	SC1209-49		
3/4/2014	2754	NC0749-67	50.3	SM2558	0.322		1300+20.1		130020.1	8 IN	X56	XR	48.503431	103.469438	2118.60	2113.90	4.70	FBE	50.4	49.8	SC1215-75	SC1213-65		
3/4/2014	2755	SC1215-75	50.4	SM2559	0.322		1300+70.5		130070.5	8 IN	X56	XR	48.503434	103.469231	2120.00	2114.60	5.40	FBE	50.2	50.3	TC1211-47	NC0749-67		
3/4/2014	2756	TC1211-47	50.2	SM2560	0.322		1301+20.7		130120.7	8 IN	X56	XR	48.503433	103.469024	2121.50	2116.40	5.10	FBE	50.3	50.4	SC1209-43	SC1215-75		
3/4/2014	2757	SC1209-43	50.3	SM2561	0.322		1301+71.0		130171.0	8 IN	X56	XR	48.503435	103.468816	2123.10	2118.00	5.10	FBE	50.1	50.2	TC1211-69	TC1211-47		
3/4/2014	2758	TC1211-69	50.1	SM2562	0.322		1302+21.1		130221.1	8 IN	X56	XR	48.503436	103.468610	2125.10	2120.10	5.00	FBE	50.4	50.3	TC1211-71	SC1209-43		
3/4/2014	2759	TC1211-71	50.4	SM2563	0.322		1302+71.6		130271.6	8 IN	X56	XR	48.503436	103.468402	2126.60	2121.70	4.90	FBE	50.1	50.1	NC0742-56	TC1211-69		
3/4/2014	2760	NC0742-56	50.1	SM2564	0.322		1303+21.7		130321.7	8 IN	X56	XR	48.503435	103.468195	2128.50	2123.40	5.10	FBE	50.5	50.4	SC1215-72	TC1211-71		
3/4/2014	2761	SC1215-72	50.5	SM2565	0.322		1303+72.2		130372.2	8 IN	X56	XR	48.503436	103.467987	2129.80	2124.60	5.20	FBE	50.4	50.1	NC0741-50	NC0742-56		
3/4/2014	2762	NC0741-50	50.4	SM2566	0.322		1304+22.6		130422.6	8 IN	X56	XR	48.503436	103.467779	2130.50	2125.50	5.00	FBE	49.9	50.5	NC0749-67	SC1215-72		
3/4/2014	2763	NC0749-67	49.9	SM2567	0.322		1304+72.4		130472.4	8 IN	X56	XR	48.503435	103.467574	2131.10	2125.90	5.20	FBE	50.4	50.4	SC1213-53	NC0741-50		
3/4/2014	2764	SC1213-53	50.4	SM2568	0.322		1305+22.9		130522.9	8 IN	X56	XR	48.503434	103.467366	2132.00	2126.80	5.20	FBE	50.3	49.9	NC0741-50	NC0749-67		
3/4/2014	2765	NC0741-50	50.3	SM2569	0.322		1305+73.2		130573.2	8 IN	X56	XR	48.503433	103.467158	2132.60	2127.50	5.10	FBE	50.1	50.4	SC1215-72	SC1213-53		
3/4/2014	2766	SC1215-72	50.1	SM2570	0.322		1306+23.3		130623.3	8 IN	X56	XR	48.503432	103.466952	2133.20	2127.80	5.40	FBE	50.3	50.3	TC1211-71	NC0741-50		
3/4/2014	2767	TC1211-71	50.3	SM2571	0.322		1306+73.6		130673.6	8 IN	X56	XR	48.503431	103.466744	2133.30	2128.10	5.20	FBE	41.0	50.1	NC0741-55	SC1215-72		
3/4/2014	2768	NC0741-55	41.0	SM2572	0.322		1307+14.5		130714.5	8 IN	X56	XR	48.503431	103.466575	2133.70	2128.40	5.30	FBE	50.3	50.3	NC0745-77	TC1211-71		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 214	SHEET No. 114 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2769	NC0745-77	50.3	SM2573	0.322		1307+64.9		130764.9	8 IN	X56	XR	48.503431	103.466368	2134.70	2129.80	4.90	FBE	50.3	41.0	TC1211-59	NC0741-55		
3/4/2014	2770	TC1211-59	50.3	SM2574	0.322		1308+15.1		130815.1	8 IN	X56	XR	48.503430	103.466160	2136.30	2131.20	5.10	FBE	50.2	50.3	TC1211-59	NC0745-77		
3/4/2014	2771	TC1211-59	50.2	SM2575	0.322		1308+65.3		130865.3	8 IN	X56	XR	48.503428	103.465953	2137.90	2132.80	5.10	FBE	32.7	50.3	SC1212-60	TC1211-59		
3/4/2014	2772	SC1212-60	32.7	SM2576	0.322		1308+98.1		130898.1	8 IN	X56	XR	48.503429	103.465818	2138.70	2133.50	5.20	FBE	49.5	50.2	SC1209-49	TC1211-59		
3/4/2014	2773	SC1209-49	49.5	SM2577	0.322		1309+47.6		130947.6	8 IN	X56	XR	48.503429	103.465614	2139.70	2134.70	5.00	FBE	50.4	32.7	SC1215-117	SC1212-60		
3/4/2014	2774	SC1215-117	50.4	SM2578	0.322		1309+98.0		130998.0	8 IN	X56	XR	48.503429	103.465406	2140.80	2135.50	5.30	FBE	50.5	49.5	NC0745-52	SC1209-49		
3/4/2014	2775	NC0745-52	50.5	SM2579	0.322		1310+48.5		131048.5	8 IN	X56	XR	48.503426	103.465198	2140.90	2136.50	4.40	FBE	50.1	50.4	SC1209-42	SC1215-117		
3/4/2014	2776	SC1209-42	50.1	SM2580	0.322		1310+98.6		131098.6	8 IN	X56	XR	48.503425	103.464992	2141.10	2136.60	4.50	FBE	49.6	50.5	SC1214-48	NC0745-52		
3/4/2014	2777	SC1214-48	49.6	SM2581	0.322		1311+48.2		131148.2	8 IN	X56	XR	48.503420	103.464787	2139.70	2135.00	4.70	FBE	45.2	50.1	SC1214-48	SC1209-42		
3/4/2014	2778	SC1214-48	45.2	SM2582	0.322		1311+93.4		131193.4	8 IN	X56	XR	48.503419	103.464601	2137.50	2132.80	4.70	FBE	50.4	49.6	NC0742-56	SC1214-48		
3/4/2014	2779	NC0742-56	50.4	SMT301	0.322		1312+43.8		131243.8	8 IN	X56	XR	48.503417	103.464393	2135.80	2131.70	4.10	FBE	49.3	45.2	SC1209-42	SC1214-48		
3/4/2014	2781	SC1209-42	49.3	SM2583	0.322		1312+93.1		131293.1	8 IN	X56	XR	48.503414	103.464190	2134.50	2130.00	4.50	FBE	51.2	50.4	NC0749-67	NC0742-56		
3/4/2014	2782	NC0749-67	51.2	SM2584	0.322		1313+44.2		131344.2	8 IN	X56	XR	48.503413	103.463979	2133.10	2128.60	4.50	FBE	49.5	49.3	NC0741-50	SC1209-42		
3/4/2014	2783	NC0741-50	49.5	SM2585	0.322		1313+93.7		131393.7	8 IN	X56	XR	48.503415	103.463775	2133.60	2128.80	4.80	FBE	50.1	51.2	NC0745-52	NC0749-67		
3/4/2014	2784	NC0745-52	50.1	SM2586	0.322		1314+43.8		131443.8	8 IN	X56	XR	48.503419	103.463568	2134.00	2129.40	4.60	FBE	50.5	49.5	NC0741-55	NC0741-50		
3/4/2014	2785	NC0741-55	50.5	SMT302	0.322		1314+94.4	P.I. < 2°23'21" LT.	131494.4	8 IN	X56	XR	48.503419	103.463360	2134.90	2130.60	4.30	FBE	43.7	50.1	SC1215-117	NC0745-52		
3/4/2014	2780	SC1215-117	43.7	SMT305	0.322		1315+38.1		131538.1	8 IN	X56	XR	48.503424	103.463180	2136.50	2132.20	4.30	FBE	50.5	50.5	NC0745-52	NC0741-55		
3/4/2014	2786	NC0745-52	50.5	SM2587	0.322		1315+88.6		131588.6	8 IN	X56	XR	48.503427	103.462972	2136.30	2131.90	4.40	FBE	50.3	43.7	NC0749-124	SC1215-117		
3/4/2014	2787	NC0749-124	50.3	SM2588	0.322		1316+38.8		131638.8	8 IN	X56	XR	48.503426	103.462764	2137.00	2132.40	4.60	FBE	50.2	50.5	SC1213-51	NC0745-52		
3/4/2014	2788	SC1213-51	50.2	SM2589	0.322		1316+89.1		131689.1	8 IN	X56	XR	48.503423	103.462557	2138.50	2133.50	5.00	FBE	48.7	50.3	NC0741-50	NC0749-124		
3/4/2014	2789	NC0741-50	48.7	SM2590	0.322		1317+37.8		131737.8	8 IN	X56	XR	48.503422	103.462356	2140.30	2135.40	4.90	FBE	50.3	50.2	NC0741-50	SC1213-51		
3/4/2014	2790	NC0741-50	50.3	SM2591	0.322		1317+88.1		131788.1	8 IN	X56	XR	48.503422	103.462149	2141.90	2137.20	4.70	FBE	49.6	48.7	SC1207-54	NC0741-50		
3/4/2014	2791	SC1207-54	49.6	SM2592	0.322		1318+37.6		131837.6	8 IN	X56	XR	48.503420	103.461945	2143.40	2138.80	4.60	FBE	50.4	50.3	SC1213-51	NC0741-50		
3/4/2014	2792	SC1213-51	50.4	SM2593	0.322		1318+88.0	P.I. < 2°30'43" LT.	131888.0	8 IN	X56	XR	48.503420	103.461737	2144.90	2140.00	4.90	FBE	47.5	49.6	SC1209-49	SC1207-54		
3/4/2014	2793	SC1209-49	47.5	SMT303	0.322		1319+35.5	P.I. < 28°40'11" RT.	131935.5	8 IN	X56	XR	48.503425	103.461541	2146.20	2141.00	5.20	FBE	9.2	50.4	C30174	SC1213-51		
3/4/2014	F42	C30174	9.2	SMT304	0.322		1319+44.7		131944.7	8 IN	X56	XR	48.503409	103.461518	2146.20	2140.60	5.60	FBE	33.8	47.5	D48765	SC1209-49		
3/4/2014	2795BR	D48765	33.8	SMB249		CALCULATED BORE	1319+78.5		131978.5		X56	XR	48.503319	103.461516	2146.50	2134.09	12.41	ARO	41.2	9.2	D48765	C30174		NOTE 1
3/4/2014	2796BR	D48765	41.2	SMB250		CALCULATED BORE	1320+19.7		132019.7		X56	XR	48.503206	103.461514	2149.51	2130.87	18.64	ARO	41.2	33.8	D48765	D48765		NOTE 1
3/4/2014	2797BR	D48765	41.2	SMB251		CALCULATED BORE	1320+60.9		132060.9		X56	XR	48.503093	103.461511	2142.60	2132.88	9.72	ARO	42.9	41.2	D48765	D48765		NOTE 1
3/4/2014	2798BR	D48765	42.9	SMT306	0.322		1321+03.8		132103.8	8 IN	X56	XR	48.502978	103.461509	2146.60	2140.50	6.10	ARO	50.1	41.2	TC1211-59	D48765		
3/4/2014	2799	TC1211-59	50.1	SMT307	0.322		1321+53.9		132153.9	8 IN	X56	XR	48.502840	103.461511	2145.20	2140.10	5.10	FBE	50.4	42.9	SC1209-43	D48765		
3/4/2014	2800	SC1209-43	50.4	SM2594	0.322		1322+04.3		132204.3	8 IN	X56	XR	48.502702	103.461513	2143.60	2138.80	4.80	FBE	31.0	50.1	TC1211-47	TC1211-59		
3/4/2014	2801	TC1211-47	31.0	SM2595	0.322		1322+35.3		132235.3	8 IN	X56	XR	48.502617	103.461513	2142.60	2137.80	4.80	FBE	47.1	50.4	NC0744-61	SC1209-43		
3/4/2014	2802	NC0744-61	47.1	SM2596	0.322		1322+82.3		132282.3	8 IN	X56	XR	48.502488	103.461514	2142.90	2136.80	6.10	FBE	50.4	31.0	NC0741-50	TC1211-47		
3/4/2014	2803	NC0741-50	50.4	SMT308	0.322		1323+32.7		132332.7	8 IN	X56	XR	48.502350	103.461517	2142.90	2136.40	6.50	FBE	50.0	47.1	SC1212-26	NC0744-61		
3/4/2014	2804	SC1212-26	50.0	SM2597	0.322		1323+82.7		132382.7	8 IN	X56	XR	48.502213	103.461514	2140.60	2136.30	4.30	FBE	50.6	50.4	SC1213-53	NC0741-50		
3/4/2014	2805	SC1213-53	50.6	SM2598	0.322		1324+33.4		132433.4	8 IN	X56	XR	48.502074	103.461511	2141.70	2137.10	4.60	FBE	46.2	50.0	NC0743-23	SC1212-26		
3/4/2014	2806	NC0743-23	46.2	SMT314	0.322		1324+79.6		132479.6	8 IN	X56	XR	48.501948	103.461509	2142.90	2138.40	4.50	FBE	9.2	50.6	SC1209-31	SC1213-53		
3/4/2014	1510A	SC1209-31	9.2	SMT315	0.322		1324+88.7		132488.7	8 IN	X56	XR	48.501923	103.461509	2142.90	2138.70	4.20	FBE	49.8	46.2	SC1209-43	NC0743-23		
3/4/2014	2807	SC1209-43	49.8	SM2599	0.322		1325+38.5		132538.5	8 IN	X56	XR	48.501786	103.461513	2144.30	2138.80	5.50	FBE	50.2	9.2	SC1209-44	SC1209-31		
3/4/2014	2808	SC1209-44	50.2	SM2600	0.322		1325+88.7		132588.7	8 IN	X56	XR	48.501649	103.461515	2145.80	2140.50	5.30	FBE	50.3	49.8	NC0745-52	SC1209-43		
3/4/2014	2809	NC0745-52	50.3	SM2601	0.322		1326+38.9		132638.9	8 IN	X56	XR	48.501511	103.461516	2148.10	2142.60	5.50	FBE	49.8	50.2	SC1210-21	SC1209-44		
3/4/2014	2810	SC1210-21	49.8	SM2602	0.322		1326+88.7		132688.7	8 IN	X56	XR	48.501375	103.461516	2150.30	2144.70	5.60	FBE	49.8	50.3	SC1208-16	NC0745-52		
3/4/2014	2811	SC1208-16	49.8	SM2603	0.322		1327+38.5		132738.5	8 IN	X56	XR	48.501239	103.461515	2152.20	2146.70	5.50	FBE	50.4	49.8	NC0741-50	SC1210-21		
3/4/2014	2812	NC0741-50	50.4	SM2604	0.322		1327+88.9		132788.9	8 IN	X56	XR	48.501100	103.461513	2154.10	2148.60	5.50	FBE	50.0	49.8	SC1215-72	SC1208-16		
3/4/2014	2813	SC1215-72	50.0	SM2605	0.322		1328+38.9		132838.9	8 IN	X56	XR	48.500963	103.461509	2155.30	2149.90	5.40	FBE	50.3	50.4	NC0749-67	NC0741-50		
3/4/2014	2814	NC0749-67	50.3	SM2606	0.322		1328+89.2		132889.2	8 IN	X56	XR	48.500826	103.461505	2157.20	2152.00	5.20	FBE	49.9	50.0	SC1215-75	SC1215-72		
3/4/2014	2815	SC1215-75	49.9	SM2607	0.322		1329+39.0		132939.0	8 IN	X56	XR	48.500689	103.461505	2160.60	2154.80	5.80	FBE	49.8	50.3	NC0743-28	NC0749-67		
3/4/2014	2816	NC0743-28	49.8	SM2608	0.322		1329+88.9		132988.9	8 IN	X56	XR	48.500553	103.461505	2161.10	2155.50	5.60	FBE	50.3	49.9	SC1215-72	SC1215-75		
3/4/2014	2817	SC1215-72	50.3	SM2609	0.322		1330+39.2		133039.2	8 IN	X56	XR	48.500415	103.461505	2160.80	2156.10	4.70	FBE	50.1	49.8	NC0745-27	NC0743-28		
3/4/2014	2818	NC0745-27	50.1	SM2610	0.322		1330+89.3		133089.3	8 IN	X56	XR	48.500277	103.461506	2161.20	2156.00	5.20	FBE	50.3	50.3	SC1215-75	SC1215-72		
3/4/2014	2819	SC1215-75	50.3	SM2611	0.322		1331+39.6		133139.6	8 IN	X56	XR	48.500140	103.461506	2161.20	2156.20	5.00	FBE	50.3	50.1	SC1215-72	NC0745-27		
3/4/2014	2820	SC1215-72	50.3	SM2612	0.322		1331+89.9		133189.9	8 IN	X56	XR	48.500002	103.461506	2161.60	2156.60	5.00	FBE	50.3	50.3	SC1213-65	SC1215-75		
3/4/2014	2821	SC1213-65	50.3	SM2613	0.322		1332+40.2		133240.2	8 IN	X56	XR	48.499864	103.461508	2162.60	2157.70	4.90	FBE	50.1	50.3	TC1211-71	SC1215-72		
3/4/2014	2822	TC1211-71	50.1	SM2614	0.322		1332+90.2		133290.2	8 IN	X56	XR	48.499727	103.461509	2163.40	2158.60	4.80	FBE	42.9	50.3	SC1209-49	SC1213-65		
3/4/2014	2823	SC1209-49	42.9	SM2615	0.322		1333+33.2		133333.2	8 IN	X56	XR	48.499609	103.461510	2164.70	2159.90	4.80	FBE	43.5	50.1	SC1211-47	TC1211-71		
3/4/2014	2824	SC1211-47	43.5	SM2616	0.322		1333+76.7		133376.7	8 IN	X56	XR	48.499490	103.461511	2165.70	2161.10	4.60	FBE	28.5	42.9	NC0743-49	SC1209-49		
3/4/2014	2825	NC0743-49	28.5	SM2617	0.322		1334+05.2		133405.2	8 IN	X56	XR	48.499412	103.461511	2166.40	2161.60	4.80	FBE	49.7	43.5	NC0745-52	SC1211-47		
3/4/2014	2826	NC0745-52	49.7	SM2618	0.322		1334+55.0		133455.0	8 IN	X56	XR	48.499275	103.461513	2168.10	2163.00	5.10	FBE	50.3	28.5	NC0741-55	NC0743-49		
3/4/2014	2827	NC0741-55	50.3	SM2619	0.322		1335+05.3		133505.3	8 IN	X56	XR	48.499138	103.461512	2169.80	2165.10	4.70	FBE	50.2	49.7	TC1211-47	NC0745-52		
3/4/2014	2828	TC1211-47	50.2	SM2620	0.322		1335+55.5		133555.5	8 IN	X56	XR	48.499000	103.461511	2172.00	2167.20	4.80	FBE	50.2	50.3	NC0742-56	NC0741-55		
3/4/2014	2829	NC0742-56	50.2	SM2621	0.322		1336+05.7		133605.7	8 IN	X56	XR	48.498863	103.461509	2173.90	2169.20	4.70	FBE	45.1	50.2	SC1213-53	TC1211-47		
3/4/2014	2830	SC1213-53	45.1	SM2622	0.322		1336+50.8		133650.8	8 IN	X56	XR	48.498739	103.461508	2175.30	2170.60	4.70	FBE	50.2	50.2	SC1213-65	NC0742-56		
3/4/2014	2831	SC1213-65	50.2	SM2623	0.322		1337+01.1		133701.1	8 IN	X56	XR	48.498601	103.461509	2176.30	2171.80	4.50	FBE	50.2	45.1	NC0742-70	SC1213-53		
3/4/2014	2832	NC0742-70	50.2	SM2624	0.322		1337+51.3		133751.3	8 IN	X56	XR	48.498464	103.461511	2176.80	2172.30	4.50	FBE	50.2	50.2	SC1211-71	SC1213-65		
3/4/2014	2833	SC1211-71	50.2	SM2625	0.322		1338+01.5		133801.5	8 IN	X56	XR	48.498326	103.461512	2177.10	2172.50	4.60	FBE	50.4	50.2	SC1209-46	NC0742-70		
3/4/2014	2834	SC1209-46	50.4	SM2626	0.322		1338+51.9		133851.9	8 IN	X56	XR	48.498188	103.461512	2178.30	2173.80	4.50	FBE	50.0	50.2	SC1209-43	SC1211-71		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS Petroleum Field Services, LLC, 7535 Hilltop Circle, Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 215	SHEET No. 115 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2835	SC1209-43	50.0	SM2627	0.322		1339+01.9		133901.9	8 IN	X56	XR	48.498051	103.461510	2180.10	2175.10	5.00	FBE	50.3	50.4	TC1211-71	SC1209-46		
3/4/2014	2836	TC1211-71	50.3	SM2628	0.322		1339+52.2		133952.2	8 IN	X56	XR	48.497913	103.461509	2180.50	2175.70	4.80	FBE	50.2	50.0	NC0742-78	SC1209-43		
3/4/2014	2837	NC0742-78	50.2	SM2629	0.322		1340+02.3		134002.3	8 IN	X56	XR	48.497776	103.461509	2180.80	2176.20	4.60	FBE	50.3	50.3	SC1214-76	TC1211-71		
3/4/2014	2838	SC1214-76	50.3	SM2630	0.322		1340+52.7		134052.7	8 IN	X56	XR	48.497638	103.461510	2180.60	2176.00	4.60	FBE	37.8	50.2	NC0742-35	NC0742-78		
3/4/2014	2839	NC0742-35	37.8	SM2631	0.322		1340+90.5		134090.5	8 IN	X56	XR	48.497534	103.461512	2180.10	2175.60	4.50	FBE	49.7	50.3	SC1207-54	SC1214-76		
3/4/2014	2840	SC1207-54	49.7	SM2632	0.322		1341+40.1		134140.1	8 IN	X56	XR	48.497398	103.461512	2179.90	2175.10	4.80	FBE	50.3	37.8	SC1207-54	NC0742-35		
3/4/2014	2841	SC1207-54	50.3	SM2633	0.322		1341+90.4		134190.4	8 IN	X56	XR	48.497260	103.461513	2180.30	2175.60	4.70	FBE	28.4	49.7	NC0742-56	SC1207-54		
3/4/2014	2842A	NC0742-56	28.4	SMT319	0.322		1342+18.8		134218.8	8 IN	X56	XR	48.497182	103.461518	2180.41	2176.00	4.41	FBE	6.7	50.3	SC1207-54	SC1207-54		
3/4/2014	1530A	SC1207-54	6.7	SMT320	0.322		1342+25.5	P.I. < 2°27'16" LT.	134225.5	8 IN	X56	XR	48.497164	103.461517	2179.90	2175.80	4.10	FBE	15.3	28.4	NC0742-56	NC0742-56		
3/4/2014	2842	NC0742-56	15.3	SM2634	0.322		1342+40.7	P.I. < 3°27'52" RT.	134240.7	8 IN	X56	XR	48.497122	103.461515	2179.10	2175.00	4.10	FBE	50.2	6.7	NC0743-68	SC1207-54		
3/4/2014	2843	NC0743-68	50.2	SM2635	0.322		1342+90.9		134290.9	8 IN	X56	XR	48.496985	103.461517	2177.10	2172.80	4.30	FBE	50.2	15.3	SC1207-66	NC0742-56		
3/4/2014	2844	SC1207-66	50.2	SM2636	0.322		1343+41.1		134341.1	8 IN	X56	XR	48.496847	103.461519	2176.70	2172.50	4.20	FBE	49.8	50.2	NC0743-68	NC0743-68		
3/4/2014	2845	SC1207-66	49.8	SM2637	0.322		1343+90.9		134390.9	8 IN	X56	XR	48.496711	103.461519	2178.50	2173.70	4.80	FBE	50.2	50.2	SC1209-42	SC1207-66		
3/4/2014	2846	SC1209-42	50.2	SM2638	0.322		1344+41.1		134441.1	8 IN	X56	XR	48.496573	103.461519	2179.90	2175.50	4.40	FBE	50.2	49.8	NC0744-64	SC1207-66		
3/4/2014	2847	NC0744-64	50.2	SM2639	0.322		1344+91.3		134491.3	8 IN	X56	XR	48.496436	103.461521	2182.10	2177.40	4.70	FBE	50.3	50.2	NC0749-67	SC1209-42		
3/4/2014	2848	NC0749-67	50.3	SM2640	0.322		1345+41.6		134541.6	8 IN	X56	XR	48.496298	103.461521	2184.70	2179.90	4.80	FBE	50.3	50.2	SC1214-76	NC0744-64		
3/4/2014	2849	SC1214-76	50.3	SM2641	0.322		1345+91.9		134591.9	8 IN	X56	XR	48.496161	103.461521	2187.90	2183.20	4.70	FBE	50.3	50.3	SC1213-65	NC0749-67		
3/4/2014	2850	SC1213-65	50.3	SM2642	0.322		1346+42.1		134642.1	8 IN	X56	XR	48.496023	103.461517	2190.20	2185.30	4.90	FBE	50.3	50.3	SC1215-75	SC1214-76		
3/4/2014	2851	SC1215-75	50.3	SM2643	0.322		1346+92.4		134692.4	8 IN	X56	XR	48.495885	103.461514	2191.10	2186.50	4.60	FBE	49.8	50.3	SC1215-75	SC1213-65		
3/4/2014	2852	SC1215-75	49.8	SM2644	0.322		1347+42.2		134742.2	8 IN	X56	XR	48.495749	103.461514	2191.10	2186.40	4.70	FBE	50.1	50.3	NC0743-68	SC1215-75		
3/4/2014	2853	NC0743-68	50.1	SM2645	0.322		1347+92.3		134792.3	8 IN	X56	XR	48.495612	103.461515	2190.20	2185.40	4.80	FBE	50.5	49.8	NC0743-68	SC1215-75		
3/4/2014	2854	NC0743-68	50.5	SM2646	0.322		1348+42.8		134842.8	8 IN	X56	XR	48.495473	103.461515	2188.60	2183.90	4.70	FBE	50.2	50.1	NC0743-68	NC0743-68		
3/4/2014	2855	NC0743-68	50.2	SM2647	0.322		1348+93.0		134893.0	8 IN	X56	XR	48.495335	103.461515	2187.90	2183.20	4.70	FBE	50.3	50.5	NC0746-170	NC0743-68		
3/4/2014	2856	NC0746-170	50.3	SM2648	0.322		1349+43.3		134943.3	8 IN	X56	XR	48.495198	103.461515	2188.60	2183.90	4.70	FBE	50.3	50.2	SC1211-69	NC0743-68		
3/4/2014	2857	SC1211-69	50.3	SM2649	0.322		1349+93.6		134993.6	8 IN	X56	XR	48.495060	103.461513	2189.60	2184.90	4.70	FBE	50.2	50.3	SC1215-72	NC0746-170		
3/4/2014	2858	SC1215-72	50.2	SM2650	0.322		1350+43.8		135043.8	8 IN	X56	XR	48.494922	103.461512	2190.10	2185.30	4.80	FBE	34.4	50.3	NC0743-68	SC1211-69		
3/4/2014	2859	NC0743-68	34.4	SM2651	0.322		1350+78.2		135078.2	8 IN	X56	XR	48.494828	103.461511	2189.90	2185.30	4.60	FBE	50.1	50.2	NC0742-70	SC1215-72		
3/4/2014	2860	NC0742-70	50.1	SM2652	0.322		1351+28.3		135128.3	8 IN	X56	XR	48.494691	103.461512	2190.10	2185.10	5.00	FBE	50.4	34.4	NC0742-70	NC0743-68		
3/4/2014	2861	NC0742-70	50.4	SM2653	0.322		1351+78.7		135178.7	8 IN	X56	XR	48.494553	103.461513	2191.10	2186.50	4.60	FBE	49.5	50.1	SC1212-173	NC0742-70		
3/4/2014	2862	SC1212-173	49.5	SM2654	0.322		1352+28.2		135228.2	8 IN	X56	XR	48.494417	103.461510	2192.30	2187.60	4.70	FBE	50.3	50.4	NC0743-68	NC0742-70		
3/4/2014	2863	NC0743-68	50.3	SM2655	0.322		1352+78.5		135278.5	8 IN	X56	XR	48.494279	103.461509	2191.60	2186.90	4.70	FBE	50.3	49.5	NC0747-172	SC1212-173		
3/4/2014	2864	NC0747-172	50.3	SM2656	0.322		1353+28.8		135328.8	8 IN	X56	XR	48.494141	103.461511	2189.70	2185.40	4.30	FBE	49.7	50.3	SC1213-74	NC0743-68		
3/4/2014	2865	SC1213-74	49.7	SM2657	0.322		1353+78.5		135378.5	8 IN	X56	XR	48.494005	103.461512	2190.30	2186.10	4.20	FBE	50.2	50.3	SC1207-66	NC0747-172		
3/4/2014	2866	SC1207-66	50.2	SM2658	0.322		1354+28.8		135428.8	8 IN	X56	XR	48.493867	103.461512	2192.00	2187.40	4.60	FBE	50.1	49.7	SC1213-74	SC1213-74		
3/4/2014	2867	SC1213-74	50.1	SM2659	0.322		1354+78.9		135478.9	8 IN	X56	XR	48.493730	103.461511	2195.70	2190.40	5.30	FBE	50.4	50.2	SC1213-74	SC1207-66		
3/4/2014	2868	SC1213-74	50.4	SM2660	0.322		1355+29.2		135529.2	8 IN	X56	XR	48.493592	103.461511	2197.00	2191.90	5.10	FBE	50.2	50.1	NC0741-177	SC1213-74		
3/4/2014	2869	NC0741-177	50.2	SM2661	0.322		1355+79.4		135579.4	8 IN	X56	XR	48.493455	103.461511	2196.20	2191.30	4.90	FBE	49.9	50.4	SC1212-129	SC1213-74		
3/4/2014	2870	SC1212-129	49.9	SM2662	0.322		1356+29.3		135629.3	8 IN	X56	XR	48.493318	103.461512	2195.40	2190.90	4.50	FBE	49.9	50.2	NC0749-167	NC0741-177		
3/4/2014	2871	NC0749-167	49.9	SM2663	0.322		1356+79.2		135679.2	8 IN	X56	XR	48.493181	103.461511	2195.70	2191.50	4.20	FBE	38.8	49.9	NC0743-68	SC1212-129		
3/4/2014	2872	NC0743-68	38.8	SM2664	0.322		1357+18.1		135718.1	8 IN	X56	XR	48.493075	103.461512	2197.00	2192.50	4.50	FBE	49.9	49.9	NC0748-161	NC0749-167		
3/4/2014	2873	NC0748-161	49.9	SM2665	0.322		1357+68.0		135768.0	8 IN	X56	XR	48.492938	103.461513	2199.20	2194.50	4.70	FBE	36.0	38.8	NC0744-64	NC0743-68		
3/4/2014	2874	NC0744-64	36.0	SM2666	0.322		1358+04.0		135804.0	8 IN	X56	XR	48.492839	103.461515	2201.20	2196.50	4.70	FBE	50.2	49.9	NC0748-161	NC0748-161		
3/4/2014	2875	NC0748-161	50.2	SM2667	0.322		1358+54.2		135854.2	8 IN	X56	XR	48.492702	103.461517	2203.70	2198.70	5.00	FBE	49.9	36.0	SC1207-66	NC0744-64		
3/4/2014	2876	SC1207-66	49.9	SM2668	0.322		1359+04.1		135904.1	8 IN	X56	XR	48.492565	103.461515	2205.90	2200.40	5.50	FBE	50.1	50.2	NC0743-68	NC0748-161		
3/4/2014	2877	NC0743-68	50.1	SM2669	0.322		1359+54.2		135954.2	8 IN	X56	XR	48.492428	103.461511	2208.80	2203.50	5.30	FBE	50.2	49.9	SC1213-74	SC1207-66		
3/4/2014	2878	SC1213-74	50.2	SM2670	0.322		1360+04.4		136004.4	8 IN	X56	XR	48.492291	103.461511	2211.00	2205.60	5.40	FBE	50.3	50.1	NC0742-70	NC0743-68		
3/4/2014	2879	NC0742-70	50.3	SM2671	0.322		1360+54.6		136054.6	8 IN	X56	XR	48.492153	103.461512	2212.60	2206.80	5.80	FBE	50.2	50.2	SC1207-66	SC1213-74		
3/4/2014	2880	SC1207-66	50.2	SM2672	0.322		1361+04.8		136104.8	8 IN	X56	XR	48.492016	103.461512	2212.60	2207.30	5.30	FBE	50.2	50.3	SC1210-168	NC0742-70		
3/4/2014	2881	SC1210-168	50.2	SM2673	0.322		1361+55.0		136155.0	8 IN	X56	XR	48.491878	103.461514	2212.70	2207.10	5.60	FBE	50.5	50.2	SC1210-168	SC1207-66		
3/4/2014	2882	SC1210-168	50.5	SM2674	0.322		1362+05.5		136205.5	8 IN	X56	XR	48.491739	103.461515	2212.70	2207.30	5.40	FBE	50.0	50.2	NC0749-167	SC1210-168		
3/4/2014	2883	NC0749-167	50.0	SM2675	0.322		1362+55.6		136255.6	8 IN	X56	XR	48.491602	103.461515	2212.60	2207.30	5.30	FBE	50.2	50.5	NC0744-77	SC1210-168		
3/4/2014	2884	NC0744-77	50.2	SM2676	0.322		1363+05.8		136305.8	8 IN	X56	XR	48.491465	103.461516	2212.20	2207.10	5.10	FBE	49.9	50.0	NC0745-77	NC0749-167		
3/4/2014	2885	NC0745-77	49.9	SM2677	0.322		1363+55.7		136355.7	8 IN	X56	XR	48.491328	103.461516	2211.40	2206.80	4.60	FBE	50.0	50.2	SC1215-72	NC0744-77		
3/4/2014	2886	SC1215-72	50.0	SM2678	0.322		1364+05.7		136405.7	8 IN	X56	XR	48.491191	103.461518	2211.20	2206.40	4.80	FBE	50.3	49.9	NC0745-52	NC0745-77		
3/4/2014	2887	NC0745-52	50.3	SM2679	0.322		1364+56.0		136456.0	8 IN	X56	XR	48.491053	103.461519	2211.50	2206.40	5.10	FBE	50.1	50.0	NC0744-64	SC1215-72		
3/4/2014	2888	NC0744-64	50.1	SM2680	0.322		1365+06.1		136506.1	8 IN	X56	XR	48.490916	103.461520	2212.30	2206.70	5.60	FBE	50.2	50.3	NC0748-161	NC0745-52		
3/4/2014	2889	NC0748-161	50.2	SM2681	0.322		1365+56.3		136556.3	8 IN	X56	XR	48.490778	103.461520	2211.20	2206.20	5.00	FBE	50.4	50.1	NC0748-161	NC0744-64		
3/4/2014	2890	NC0748-161	50.4	SM2682	0.322		1366+06.7		136606.7	8 IN	X56	XR	48.490640	103.461521	2210.70	2205.90	4.80	FBE	50.2	50.2	SC1210-174	NC0748-161		
3/4/2014	2891	SC1210-174	50.2	SM2683	0.322		1366+56.9		136656.9	8 IN	X56	XR	48.490502	103.461522	2211.00	2206.30	4.70	FBE	50.2	50.4	NC0748-165	NC0748-161		
3/4/2014	2892	NC0748-165	50.2	SM2684	0.322		1367+07.2		136707.2	8 IN	X56	XR	48.490364	103.461521	2212.30	2207.60	4.70	FBE	31.9	50.2	NC0744-114	SC1210-174		
3/4/2014	2893	NC0744-114	31.9	SM2685	0.322		1367+39.1		136739.1	8 IN	X56	XR	48.490277	103.461521	2213.40	2208.60	4.80	FBE	29.9	50.2	NC0745-113	NC0748-165		
3/4/2014	2894	NC0745-113	29.9	SM2686	0.322		1367+68.9		136768.9	8 IN	X56	XR	48.490195	103.461521	2214.60	2209.60	5.00	FBE	47.5	31.9	NC0745-113	NC0744-114		
3/4/2014	2895	NC0745-113	47.5	SM2687	0.322		1368+16.4		136816.4	8 IN	X56	XR	48.490065	103.461522	2216.30	2210.70	5.60	FBE	28.9	29.9	NC0744-114	NC0745-113		
3/4/2014	2896	NC0744-114	28.9	SM2688	0.322		1368+45.3		136845.3	8 IN	X56	XR	48.489986	103.461521	2216.30	2211.20	5.10	FBE	50.3	47.5	NC0745-171	NC0745-113		
3/4/2014	2897	NC0745-171	50.3	SM2689	0.322		1368+95.6		136895.6	8 IN	X56	XR	48.489848	103.461521	2216.00	2211.50	4.50	FBE	50.0	28.9	NC0748-165	NC0744-114		
3/4/2014	2898	NC0748-165	50.0	SMT313	0.322		1369+45.6		136945.6	8 IN	X56	XR	48.489711	103.461518	2216.60	2212.10	4.50	FBE	50.6	50.3	NC0745-171	NC0745-171		
3/4/2014	2900	NC0745-171	50.6	SM2690	0.322		1369+96.1		136996.1	8 IN	X56	XR	48.489573	103.461513	2217.90	2212.70	5.20	FBE	49.7	50.0	SC1210-168	NC0748-165		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 216	SHEET No. 116 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2901	SC1210-168	49.7	SM2691	0.322		1370+45.9		137045.9	8 IN	X56	XR	48.489436	103.461514	2219.40	2214.70	4.70	FBE	50.4	50.6	NC0748-164	NC0745-171		
3/4/2014	2902	NC0748-164	50.4	SMT317	0.322		1370+96.3		137096.3	8 IN	X56	XR	48.489298	103.461521	2219.80	2214.90	4.90	FBE	6.5	49.7	NC0748-159	SC1210-168		
3/4/2014	2899A	NC0748-159	6.5	SMT318	0.322		1371+02.8		137102.8	8 IN	X56	XR	48.489280	103.461522	2219.70	2214.70	5.00	FBE	18.4	50.4	NC0748-159	NC0748-164		
3/4/2014	2899	NC0748-159	18.4	SMT309	0.322		1371+21.3		137121.3	8 IN	X56	XR	48.489230	103.461523	2219.70	2213.90	5.80	FBE	50.1	6.5	NC0745-171	NC0748-159		
3/4/2014	2903	NC0745-171	50.1	SM2692	0.322		1371+71.4		137171.4	8 IN	X56	XR	48.489092	103.461527	2217.90	2213.10	4.80	FBE	50.2	18.4	NC0749-167	NC0748-159		
3/4/2014	2904	NC0749-167	50.2	SM2693	0.322		1372+21.6		137221.6	8 IN	X56	XR	48.488955	103.461527	2218.60	2213.50	5.10	FBE	50.3	50.1	NC0746-166	NC0745-171		
3/4/2014	2905	NC0746-166	50.3	SMT316	0.322		1372+71.9		137271.9	8 IN	X56	XR	48.488817	103.461525	2220.00	2214.80	5.20	FBE	41.2	50.2	D48764	NC0749-167		
3/4/2014	2906BR	D48764	41.2	SMB258		CALCULATED BORE	1373+13.1		137313.1		X56	XR	48.488706	103.461524	2220.44	2208.21	12.23	ARO	41.9	50.3	D48765	NC0746-166		NOTE 1
3/4/2014	2907BR	D48765	41.9	SMT321	0.322		1373+55.0		137355.0	8 IN	X56	XR	48.488591	103.461523	2220.25	2212.80	7.44	ARO	50.3	41.2	NC0745-171	D48764		
3/4/2014	2908	NC0745-171	50.3	SM2694	0.322		1374+05.3		137405.3	8 IN	X56	XR	48.488454	103.461524	2218.60	2212.30	6.30	FBE	50.2	41.9	SC1210-168	D48765		
3/4/2014	2909	SC1210-168	50.2	SM2695	0.322		1374+55.5		137455.5	8 IN	X56	XR	48.488316	103.461521	2220.00	2214.20	5.80	FBE	49.6	50.3	NC0749-67	NC0745-171		
3/4/2014	2910	NC0749-67	49.6	SMT323	0.322		1375+05.1		137505.1	8 IN	X56	XR	48.488180	103.461519	2220.20	2214.90	5.30	FBE	6.1	50.2	NC0748-159	SC1210-168		
3/4/2014	2899B	NC0748-159	6.1	SMT324	0.322		1375+11.2		137511.2	8 IN	X56	XR	48.488163	103.461519	2220.20	2215.10	5.10	FBE	50.4	49.6	SC1215-73	NC0749-67		
3/4/2014	2911	SC1215-73	50.4	SM2696	0.322		1375+61.6		137561.6	8 IN	X56	XR	48.488025	103.461519	2221.20	2215.70	5.50	FBE	39.2	6.1	SC1209-34	NC0748-159		
3/4/2014	2912	SC1209-34	39.2	SM2697	0.322		1376+00.8		137600.8	8 IN	X56	XR	48.487918	103.461521	2221.70	2217.00	4.70	FBE	44.5	50.4	NC0745-52	SC1215-73		
3/4/2014	2913	NC0745-52	44.5	SM2698	0.322		1376+45.3		137645.3	8 IN	X56	XR	48.487796	103.461523	2223.10	2218.00	5.10	FBE	36.6	39.2	NC0741-178	SC1209-34		
3/4/2014	2914	NC0741-178	36.6	SM2699	0.322		1376+81.9		137681.9	8 IN	X56	XR	48.487696	103.461524	2224.20	2218.70	5.50	FBE	50.5	44.5	NC0746-170	NC0745-52		
3/4/2014	2915	NC0746-170	50.5	SM2700	0.322		1377+32.4		137732.4	8 IN	X56	XR	48.487557	103.461523	2224.20	2219.60	4.60	FBE	50.1	36.6	NC0748-165	NC0741-178		
3/4/2014	2916	NC0748-165	50.1	SM2701	0.322		1377+82.5		137782.5	8 IN	X56	XR	48.487420	103.461521	2226.00	2220.20	5.80	FBE	50.0	50.5	NC0748-161	NC0746-170		
3/4/2014	2917	NC0748-161	50.0	SM2702	0.322		1378+32.5		137832.5	8 IN	X56	XR	48.487283	103.461520	2227.00	2221.10	5.90	FBE	50.4	50.1	NC0747-172	NC0748-165		
3/4/2014	2918	NC0747-172	50.4	SM2703	0.322		1378+82.9		137882.9	8 IN	X56	XR	48.487145	103.461521	2227.10	2221.80	5.30	FBE	49.5	50.0	NC0747-172	NC0748-161		
3/4/2014	2919	NC0747-172	49.5	SM2704	0.322		1379+32.4		137932.4	8 IN	X56	XR	48.487009	103.461520	2227.90	2221.90	6.00	FBE	49.7	50.4	NC0745-171	NC0747-172		
3/4/2014	2920	NC0745-171	49.7	SM2705	0.322		1379+82.0		137982.0	8 IN	X56	XR	48.486873	103.461520	2228.40	2221.70	6.70	FBE	50.2	49.5	SC1207-66	NC0747-172		
3/4/2014	2921	SC1207-66	50.2	SM2706	0.322		1380+32.3		138032.3	8 IN	X56	XR	48.486735	103.461520	2227.00	2221.40	5.60	FBE	49.8	49.7	NC0742-70	NC0745-171		
3/4/2014	2922	NC0742-70	49.8	SM2707	0.322		1380+82.1		138082.1	8 IN	X56	XR	48.486599	103.461520	2227.10	2221.60	5.50	FBE	49.7	50.2	NC0742-56	SC1207-66		
3/4/2014	2923	NC0742-56	49.7	SM2708	0.322		1381+31.8		138131.8	8 IN	X56	XR	48.486463	103.461520	2227.90	2222.10	5.80	FBE	50.1	49.8	SC1209-43	NC0742-70		
3/4/2014	2924	SC1209-43	50.1	SM2709	0.322		1381+81.9		138181.9	8 IN	X56	XR	48.486325	103.461520	2228.40	2222.80	5.60	FBE	50.3	49.7	SC1209-42	NC0742-56		
3/4/2014	2925	SC1209-42	50.3	SM2710	0.322		1382+32.2		138232.2	8 IN	X56	XR	48.486187	103.461519	2230.50	2223.90	6.60	FBE	50.2	50.1	NC0748-165	SC1209-43		
3/4/2014	2926	NC0748-165	50.2	SM2711	0.322		1382+82.3		138282.3	8 IN	X56	XR	48.486050	103.461519	2230.30	2224.80	5.50	FBE	50.4	50.3	NC0746-170	SC1209-42		
3/4/2014	2927	NC0746-170	50.4	SM2712	0.322		1383+32.7		138332.7	8 IN	X56	XR	48.485912	103.461519	2231.30	2225.60	5.70	FBE	50.2	50.2	NC0748-161	NC0748-165		
3/4/2014	2928	NC0748-161	50.2	SM2713	0.322		1383+83.0		138383.0	8 IN	X56	XR	48.485774	103.461520	2230.80	2225.10	5.70	FBE	50.1	50.4	NC0744-160	NC0746-170		
3/4/2014	2929	NC0744-160	50.1	SM2714	0.322		1384+33.0		138433.0	8 IN	X56	XR	48.485637	103.461521	2230.20	2224.70	5.50	FBE	50.3	50.2	NC0746-160	NC0748-161		
3/4/2014	2930	NC0746-160	50.3	SM2715	0.322		1384+83.3		138483.3	8 IN	X56	XR	48.485499	103.461521	2230.30	2224.80	5.50	FBE	50.1	50.1	NC0749-167	NC0744-160		
3/4/2014	2931	NC0749-167	50.1	SM2716	0.322		1385+33.5		138533.5	8 IN	X56	XR	48.485362	103.461521	2229.70	2224.20	5.50	FBE	50.4	50.3	NC0748-165	NC0746-160		
3/4/2014	2932	NC0748-165	50.4	SM2717	0.322		1385+83.8		138583.8	8 IN	X56	XR	48.485224	103.461520	2229.90	2224.40	5.50	FBE	50.2	50.1	SC1212-173	NC0749-167		
3/4/2014	2933	SC1212-173	50.2	SM2718	0.322		1386+34.0		138634.0	8 IN	X56	XR	48.485086	103.461521	2230.20	2224.60	5.60	FBE	50.2	50.4	NC0746-170	NC0748-165		
3/4/2014	2934	NC0746-170	50.2	SM2719	0.322		1386+84.2		138684.2	8 IN	X56	XR	48.484948	103.461521	2229.50	2223.80	5.70	FBE	50.3	50.2	SC1212-128	SC1212-173		
3/4/2014	2935	SC1212-128	50.3	SM2720	0.322		1387+34.5		138734.5	8 IN	X56	XR	48.484811	103.461520	2227.30	2222.20	5.10	FBE	50.3	50.2	NC0748-165	NC0746-170		
3/4/2014	2936	NC0748-165	50.3	SM2721	0.322		1387+84.8		138784.8	8 IN	X56	XR	48.484673	103.461521	2226.80	2221.70	5.10	FBE	49.7	50.3	NC0748-165	SC1212-128		
3/4/2014	2937	NC0748-165	49.7	SM2722	0.322		1388+34.5		138834.5	8 IN	X56	XR	48.484537	103.461521	2227.30	2221.70	5.60	FBE	46.1	50.3	NC0749-146	NC0748-165		
3/4/2014	2938	NC0749-146	46.1	SM2723	0.322		1388+80.6		138880.6	8 IN	X56	XR	48.484410	103.461522	2228.00	2221.30	6.70	FBE	50.0	49.7	NC0749-162	NC0748-165		
3/4/2014	2939	NC0749-162	50.0	SM2724	0.322		1389+30.6		138930.6	8 IN	X56	XR	48.484273	103.461521	2228.10	2221.30	6.80	FBE	50.3	46.1	NC0749-167	NC0749-146		
3/4/2014	2940	NC0749-167	50.3	SM2725	0.322		1389+80.8		138980.8	8 IN	X56	XR	48.484135	103.461521	2227.10	2221.40	5.70	FBE	50.4	50.0	NC0749-167	NC0749-162		
3/4/2014	2941	NC0749-167	50.4	SM2726	0.322		1390+31.2		139031.2	8 IN	X56	XR	48.483997	103.461523	2227.30	2222.00	5.30	FBE	50.2	50.3	NC0748-165	NC0749-167		
3/4/2014	2942	NC0748-165	50.2	SM2727	0.322		1390+81.4		139081.4	8 IN	X56	XR	48.483860	103.461524	2228.00	2223.60	4.40	FBE	50.3	50.4	NC0746-166	NC0749-167		
3/4/2014	2943	NC0746-166	50.3	SMT333	0.322		1391+31.7		139131.7	8 IN	X56	XR	48.483722	103.461522	2228.10	2223.90	4.20	FBE	50.2	50.2	NC0748-165	NC0748-165		
3/4/2014	2944	NC0748-165	50.2	SMT327	0.322		1391+81.9		139181.9	8 IN	X56	XR	48.483584	103.461521	2227.10	2222.90	4.20	FBE	50.4	50.3	NC0749-167	NC0746-166		
3/4/2014	2949	NC0749-167	50.4	SMT325	0.322		1392+32.3		139232.3	8 IN	X56	XR	48.483446	103.461520	2226.10	2221.60	4.50	FBE	50.3	50.2	NC0749-167	NC0748-165		
3/4/2014	2945	NC0749-167	50.3	SMT326	0.322		1392+82.6		139282.6	8 IN	X56	XR	48.483309	103.461516	2225.10	2220.50	4.60	FBE	50.1	50.4	NC0748-165	NC0749-167		
3/4/2014	2946	NC0748-165	50.1	SM2729	0.322		1393+32.7		139332.7	8 IN	X56	XR	48.483171	103.461513	2225.90	2220.80	5.10	FBE	50.3	50.3	SC1212-173	NC0749-167		
3/4/2014	2947	SC1212-173	50.3	SM2731	0.322		1393+83.0		139383.0	8 IN	X56	XR	48.483033	103.461517	2226.60	2222.10	4.50	FBE	44.9	50.1	NC0749-167	NC0748-165		
3/4/2014	2948	NC0749-167	44.9	SMT334	0.322		1394+27.9		139427.9	8 IN	X56	XR	48.482910	103.461524	2227.80	2223.30	4.50	FBE	48.8	50.3	NC0746-166	SC1212-173		
3/4/2014	2950	NC0746-166	48.8	SM2728	0.322		1394+76.7		139476.7	8 IN	X56	XR	48.482777	103.461525	2229.70	2224.70	5.00	FBE	50.3	44.9	NC0748-164	NC0749-167		
3/4/2014	2951	NC0748-164	50.3	SM2730	0.322		1395+27.0		139527.0	8 IN	X56	XR	48.482639	103.461525	2231.00	2226.00	5.00	FBE	49.9	48.8	NC0746-166	NC0746-166		
3/4/2014	2952	NC0746-166	49.9	SM2732	0.322		1395+76.9		139576.9	8 IN	X56	XR	48.482502	103.461525	2231.30	2226.90	4.40	FBE	50.2	50.3	NC0748-165	NC0748-164		
3/4/2014	2953	NC0748-165	50.2	SM2733	0.322		1396+27.1		139627.1	8 IN	X56	XR	48.482365	103.461525	2231.00	2226.10	4.90	FBE	50.3	49.9	NC0744-145	NC0746-166		
3/4/2014	2954	NC0744-145	50.3	SM2734	0.322		1396+77.4		139677.4	8 IN	X56	XR	48.482227	103.461526	2230.70	2225.70	5.00	FBE	50.4	50.2	SC1212-173	NC0748-165		
3/4/2014	2955	SC1212-173	50.4	SM2735	0.322		1397+27.7		139727.7	8 IN	X56	XR	48.482089	103.461526	2231.20	2226.20	5.00	FBE	50.3	50.3	NC0746-166	NC0744-145		
3/4/2014	2956	NC0746-166	50.3	SM2736	0.322		1397+78.0		139778.0	8 IN	X56	XR	48.481951	103.461529	2232.50	2227.60	4.90	FBE	49.8	50.4	NC0746-167	SC1212-173		
3/4/2014	2957	NC0746-167	49.8	SM2737	0.322		1398+27.8		139827.8	8 IN	X56	XR	48.481815	103.461534	2234.70	2229.90	4.80	FBE	49.7	50.3	SC1210-168	NC0746-166		
3/4/2014	2958	SC1210-168	49.7	SM2738	0.322		1398+77.5		139877.5	8 IN	X56	XR	48.481679	103.461537	2237.00	2232.10	4.90	FBE	50.3	49.8	NC0741-50	NC0746-167		
3/4/2014	2959	NC0741-50	50.3	SM2739	0.322		1399+27.7		139927.7	8 IN	X56	XR	48.481541	103.461536	2237.00	2232.50	4.50	FBE	50.3	49.7	NC0744-160	SC1210-168		
3/4/2014	2960	NC0744-160	50.3	SM2740	0.322		1399+78.0		139978.0	8 IN	X56	XR	48.481403	103.461534	2237.70	2233.30	4.40	FBE	50.3	50.3	NC0741-176	NC0741-50		
3/4/2014	2961	NC0741-176	50.3	SM2741	0.322		1400+28.3		140028.3	8 IN	X56	XR	48.481265	103.461532	2239.20	2234.90	4.30	FBE	50.1	50.3	NC0748-161	NC0744-160		
3/4/2014	2962	NC0748-161	50.1	SMT330	0.322		1400+78.4		140078.4	8 IN	X56	XR	48.481128	103.461520	2240.20	2233.40	6.80	FBE	50.3	50.3	NC0748-161	NC0741-176		
3/4/2014	2965	NC0748-161	50.3	SMT322	0.322		1401+28.7		140128.7	8 IN	X56	XR	48.480991	103.461511	2236.10	2231.50	4.60	FBE	50.2	50.1	NC0746-166	NC0748-161		
3/4/2014	2963	NC0746-166	50.2	SM2742	0.322		1401+78.9		140178.9	8 IN	X56	XR	48.480853	103.461508	2235.60	2231.00	4.60	FBE	45.9	50.3	NC0748-161	NC0748-161		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 217	SHEET No. 117 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	2964	NC0748-161	45.9	SMT331	0.322		1402+24.8		140224.8	8 IN	X56	XR	48.480727	103.461512	2237.10	2232.30	4.80	FBE	6.1	50.2	NC0748-159	NC0746-166		
3/4/2014	2899B	NC0748-159	6.1	SMT332	0.322		1402+30.9		140230.9	8 IN	X56	XR	48.480711	103.461513	2237.10	2232.40	4.70	FBE	50.3	45.9	NC0749-162	NC0748-161		
3/4/2014	2966	NC0749-162	50.3	SM2743	0.322		1402+81.2		140281.2	8 IN	X56	XR	48.480573	103.461516	2242.40	2235.90	6.50	FBE	50.3	6.1	NC0748-163	NC0748-159		
3/4/2014	2967	NC0748-163	50.3	SM2744	0.322		1403+31.5		140331.5	8 IN	X56	XR	48.480435	103.461520	2242.50	2236.40	6.10	FBE	50.1	50.3	NC0748-156	NC0749-162		
3/4/2014	2968	NC0748-156	50.1	SM2745	0.322		1403+81.6		140381.6	8 IN	X56	XR	48.480298	103.461522	2241.40	2236.20	5.20	FBE	50.2	50.3	NC0748-156	NC0748-163		
3/4/2014	2969	NC0748-156	50.2	SM2746	0.322		1404+31.8		140431.8	8 IN	X56	XR	48.480160	103.461523	2241.40	2235.90	5.50	FBE	50.2	50.1	NC0747-154	NC0748-156		
3/4/2014	2970	NC0747-154	50.2	SM2747	0.322		1404+82.0		140482.0	8 IN	X56	XR	48.480023	103.461524	2242.40	2236.70	5.70	FBE	50.2	50.2	NC0749-162	NC0748-156		
3/4/2014	2971	NC0749-162	50.2	SM2748	0.322		1405+32.2		140532.2	8 IN	X56	XR	48.479885	103.461523	2242.50	2237.50	5.00	FBE	50.2	50.2	NC0747-156	NC0747-154		
3/4/2014	2972	NC0747-156	50.2	SM2749	0.322		1405+82.4		140582.4	8 IN	X56	XR	48.479748	103.461522	2241.40	2235.90	5.50	FBE	49.7	50.2	SC1210-157	NC0749-162		
3/4/2014	2973	SC1210-157	49.7	SM2750	0.322		1406+32.1		140632.1	8 IN	X56	XR	48.479611	103.461522	2240.10	2234.40	5.70	FBE	49.9	50.2	NC0748-161	NC0747-156		
3/4/2014	2974	NC0748-161	49.9	SM2751	0.322		1406+82.0		140682.0	8 IN	X56	XR	48.479475	103.461523	2238.00	2232.70	5.30	FBE	50.1	49.7	NC0748-159	SC1210-157		
3/4/2014	2975	NC0748-159	50.1	SM2752	0.322		1407+32.1		140732.1	8 IN	X56	XR	48.479338	103.461523	2235.00	2230.40	4.60	FBE	50.3	49.9	SC1210-174	NC0748-161		
3/4/2014	2976	SC1210-174	50.3	SM2753	0.322		1407+82.5		140782.5	8 IN	X56	XR	48.479200	103.461523	2232.60	2227.90	4.70	FBE	50.3	50.1	NC0748-159	NC0748-159		
3/4/2014	2977	NC0748-159	50.3	SM2754	0.322		1408+32.7		140832.7	8 IN	X56	XR	48.479062	103.461523	2232.40	2227.30	5.10	FBE	50.2	50.3	NC0748-159	SC1210-174		
3/4/2014	2978	NC0748-159	50.2	SM2755	0.322		1408+82.9		140882.9	8 IN	X56	XR	48.478925	103.461525	2230.80	2225.30	5.50	FBE	48.3	50.3	NC0744-160	NC0748-159		
3/4/2014	2979	NC0744-160	48.3	SM2756	0.322		1409+31.2		140931.2	8 IN	X56	XR	48.478792	103.461524	2227.90	2223.00	4.90	FBE	50.1	50.2	SC1210-174	NC0748-159		
3/4/2014	2980	SC1210-174	50.1	SM2757	0.322		1409+81.3		140981.3	8 IN	X56	XR	48.478655	103.461525	2224.80	2219.90	4.90	FBE	50.3	48.3	NC0748-136	NC0744-160		
3/4/2014	2981	NC0748-136	50.3	SM2758	0.322		1410+31.6		141031.6	8 IN	X56	XR	48.478518	103.461527	2223.40	2218.50	4.90	FBE	50.3	50.1	NC0749-162	SC1210-174		
3/4/2014	2982	NC0749-162	50.3	SM2759	0.322		1410+81.9		141081.9	8 IN	X56	XR	48.478380	103.461528	2222.90	2217.70	5.20	FBE	50.2	50.3	NC0748-163	NC0748-136		
3/4/2014	2983	NC0748-163	50.2	SMT328R	0.322		1411+32.1		141132.1	8 IN	X56	XR	48.478242	103.461529	2221.50	2216.40	5.10	FBE	11.5	50.3	NC0747-172	NC0749-162		
3/4/2014	2984	NC0747-172	11.5	SMT329	0.322		1411+43.6		141143.6	8 IN	X56	XR	48.478211	103.461528	2221.50	2215.90	5.60	FBE	41.2	50.2	D48763	NC0748-163		
3/4/2014	2985BR	D48763	41.2	SMB259		CALCULATED BORE	1411+84.8		141184.8		X56	XR	48.478098	103.461528	2221.50	2211.78	9.72	ARO	41.2	11.5	D48765	NC0747-172		NOTE 1
3/4/2014	2986BR	D48765	41.2	SMB260		CALCULATED BORE	1412+26.0		141226.0		X56	XR	48.477986	103.461527	2221.03	2208.73	12.30	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	2987BR	D48763	41.2	SMB261		CALCULATED BORE	1412+67.2		141267.2		X56	XR	48.477873	103.461527	2220.33	2206.76	13.57	ARO	41.4	41.2	D48763	D48765		NOTE 1
3/4/2014	2988BR	D48763	41.4	SMB262		CALCULATED BORE	1413+08.6		141308.6		X56	XR	48.477759	103.461526	2219.71	2205.85	13.86	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	2989BR	D48763	41.2	SMB263		CALCULATED BORE	1413+49.8		141349.8		X56	XR	48.477647	103.461526	2220.14	2206.01	14.13	ARO	41.2	41.4	D48763	D48763		NOTE 1
3/4/2014	2990BR	D48763	41.2	SMB264		CALCULATED BORE	1413+91.0		141391.0		X56	XR	48.477534	103.461525	2220.62	2207.25	13.37	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	2991BR	D48763	41.2	SMB265		CALCULATED BORE	1414+32.2		141432.2		X56	XR	48.477421	103.461525	2221.20	2209.57	11.63	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	2992BR	D48763	41.2	SMB266		CALCULATED BORE	1414+73.4		141473.4		X56	XR	48.477308	103.461524	2222.20	2212.95	9.25	ARO	41.3	41.2	D48765	D48763		NOTE 1
3/4/2014	2993BR	D48765	41.3	SMT335	0.322		1415+14.6		141514.6	8 IN	X56	XR	48.477196	103.461524	2222.20	2217.40	4.80	ARO	39.4	41.2	NC0749-162	D48763		
3/4/2014	2994	NC0749-162	39.4	SMT342	0.322		1415+54.0		141554.0	8 IN	X56	XR	48.477088	103.461524	2222.60	2218.30	4.30	FBE	48.3	41.3	NC0749-146	D48765		
3/4/2014	2995	NC0749-146	48.3	SM2760	0.322		1416+02.3		141602.3	8 IN	X56	XR	48.476956	103.461524	2221.10	2216.30	4.80	FBE	50.2	39.4	NC0741-167	NC0749-162		
3/4/2014	2996	NC0741-167	50.2	SM2761	0.322		1416+52.5		141652.5	8 IN	X56	XR	48.476818	103.461530	2217.80	2213.30	4.50	FBE	49.6	48.3	NC0745-106	NC0749-146		
3/4/2014	2997	NC0745-106	49.6	SM2762	0.322		1417+02.1		141702.1	8 IN	X56	XR	48.476683	103.461531	2215.80	2210.90	4.90	FBE	49.7	50.2	NC0745-109	NC0741-167		
3/4/2014	2998	NC0745-109	49.7	SM2763	0.322		1417+51.7		141751.7	8 IN	X56	XR	48.476546	103.461531	2215.20	2210.60	4.60	FBE	50.2	49.6	SC1210-168	NC0745-106		
3/4/2014	2999	SC1210-168	50.2	SM2764	0.322		1418+01.9		141801.9	8 IN	X56	XR	48.476409	103.461531	2215.30	2210.40	4.90	FBE	50.3	49.7	NC0748-163	NC0745-109		
3/4/2014	3000	NC0748-163	50.3	SM2765	0.322		1418+52.3		141852.3	8 IN	X56	XR	48.476271	103.461532	2214.90	2210.10	4.80	FBE	50.1	50.2	NC0749-162	SC1210-168		
3/4/2014	3001	NC0749-162	50.1	SM2766	0.322		1419+02.4		141902.4	8 IN	X56	XR	48.476134	103.461530	2214.20	2209.60	4.60	FBE	50.2	50.3	NC0746-170	NC0748-163		
3/4/2014	3002	NC0746-170	50.2	SM2767	0.322		1419+52.6		141952.6	8 IN	X56	XR	48.475996	103.461527	2213.60	2209.20	4.40	FBE	50.2	50.1	NC0748-159	NC0749-162		
3/4/2014	3003	NC0748-159	50.2	SM2768	0.322		1420+02.8		142002.8	8 IN	X56	XR	48.475858	103.461527	2213.20	2208.50	4.70	FBE	50.0	50.2	SC1210-157	NC0746-170		
3/4/2014	3004	SC1210-157	50.0	SM2769	0.322		1420+52.8		142052.8	8 IN	X56	XR	48.475721	103.461525	2212.80	2208.50	4.30	FBE	50.3	50.2	NC0744-160	NC0748-159		
3/4/2014	3005	NC0744-160	50.3	SM2770	0.322		1421+03.1		142103.1	8 IN	X56	XR	48.475583	103.461526	2212.40	2207.90	4.50	FBE	15.0	50.0	NC0747-156	SC1210-157		
3/4/2014	3006	NC0747-156	15.0	SMT727	0.322		1421+18.2	P.I. < 13°19'23" LT.	142118.2	8 IN	X56	XR	48.475542	103.461528	2212.40	2207.60	4.80	FBE	9.7	50.3	88731	NC0744-160		
3/4/2014	F65	88731	9.7	SMF87	0.322		1421+27.8	P.I. < 13°54'43" LT.	142127.8	8 IN	X56	XR	48.475526	103.461503	2212.40	2207.50	4.90	FBE	42.0	15.0	SB60867	NC0747-156		
3/4/2014	4909	SB60867	42.0	SMF86	0.322		1421+69.8		142169.8	8 IN	X56	XR	48.475523	103.461330	2212.70	2208.00	4.70	FBE	42.3	9.7	SB60867	88731		
3/4/2014	4903	SB60867	42.3	SMF83	0.322	NO COATING INFO	1422+12.1		142212.1	8 IN	X56	XR	48.475520	103.461156	2212.70	2207.50	5.20		21.0	42.0	SB60875	SB60867		
3/4/2014	4907	SB60875	21.0	SMT729	0.322		1422+33.1		142233.1	8 IN	X56	XR	48.475518	103.461069	2212.70	2206.90	5.80	FBE	6.2	42.3	C26266	SB60867		
3/4/2014	F67	C26266	6.2	SMF90	0.322	VALVE	1422+39.2		142239.2	8 IN	X56	XR	48.475517	103.461047	2212.18	2209.10	3.08	FBE	10.2	21.0	SB60859	SB60875		
3/4/2014	4905	SB60859	10.2	SMT753	0.322	VALVE	1422+49.4		142249.4	8 IN	X56	XR	48.475516	103.461017	2212.30	2216.20	-3.90	FBE	18.5	6.2		C26266		
3/4/2014			18.5	SMT757	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1422+67.8	P.I. < 15°43'44" LT.	142267.8	8 IN	X56	XR	48.475547	103.460997	2212.30	2216.50	-4.20	FBE	1.8	10.2		SB60859		
3/4/2014			1.8	SMT756	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1422+69.7	P.I. < 16°00'52" LT.	142269.7	8 IN	X56	XR	48.475550	103.461001	2212.30	2215.90	-3.60	FBE	1.8	18.5				
3/4/2014			1.8	SMT755	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1422+71.5	P.I. < 33°37'56" LT.	142271.5	8 IN	X56	XR	48.475550	103.461008	2212.30	2215.00	-2.70	FBE	1.4	1.8				
3/4/2014			1.4	SMT754	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1422+72.9	P.I. < 19°35'30" LT.	142272.9	8 IN	X56	XR	48.475547	103.461011	2212.30	2214.60	-2.30	FBE	22.2	1.8				
3/4/2014			22.2	SMT758	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1422+95.0		142295.0	8 IN	X56	XR	48.475487	103.461014	2212.40	2214.60	-2.20	FBE	6.7	1.4				
3/4/2014			6.7	SMT759	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1423+01.7	P.I. < 19°23'34" LT.	142301.7	8 IN	X56	XR	48.475468	103.461014	2212.40	2214.60	-2.20	FBE	1.4	22.2				
3/4/2014			1.4	SMT760	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1423+03.1	P.I. < 25°54'55" LT.	142303.1	8 IN	X56	XR	48.475466	103.461011	2212.40	2214.60	-2.20	FBE	8.4	6.7				
3/4/2014			8.4	SMT761	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1423+11.5	P.I. < 11°48'53" LT.	142311.5	8 IN	X56	XR	48.475465	103.460976	2212.40	2214.60	-2.20	FBE	0.9	1.4				
3/4/2014			0.9	SMT762	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1423+12.4	P.I. < 145°51'23" LT.	142312.4	8 IN	X56	XR	48.475464	103.460975	2212.40	2215.20	-2.80	FBE	2.5	8.4				
3/4/2014			2.5	SMT763	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1423+14.9	P.I. < 9°37'11" RT.	142314.9	8 IN	X56	XR	48.475462	103.460972	2212.40	2216.60	-4.20	FBE	1.2	0.9				
3/4/2014			1.2	SMT764	0.322	VALVE, MISSING JT NUMBER, NO HEAT #	1423+16.0	P.I. < 5°52'41" LT.	142316.0	8 IN	X56	XR	48.475459	103.460973	2212.40	2216.60	-4.20	FBE	13.9	2.5	C26266			
3/4/2014	F70	C26266	13.9	SMT765	0.322	VALVE	1423+29.9	P.I. < 4°54'58" RT.	142329.9	8 IN	X56	XR	48.475438	103.460999	2212.40	2216.70	-4.30	FBE	6.9	1.2				

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 218	SHEET No. 118 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	F64	X24621	9.9	SMT728	0.322	VALVE, NO JT #, NO HEAT #, NO COAT, NO XR#	1424+65.8	P.I. < 11°24'59" LT.	142465.8	8 IN	X56	XR	48.475437	103.461526	2212.30	2206.80	5.50	FBE	47.1	42.1	NC0747-158	SB60867		
3/4/2014	3007	NC0747-158	47.1	SM2772	0.322		1425+12.9	P.I. < 3°38'16" LT.	142512.9	8 IN	X56	XR	48.475308	103.461532	2212.20	2207.80	4.40	FBE	50.6	9.9	SC1214-148	X24621		
3/4/2014	3008	NC0748-165	49.7	SM1337	0.322		1425+13.3		142513.3	8 IN	X56	XR	48.475033	103.461597	2211.90	2206.90	5.00	FBE	41.8	50.6	NC0748-165	SC1214-148		
3/4/2014	4907A	SB60875	21.2	SMF84	0.322		1423+71.7		142371.7	8 IN	X56	XR	48.475443	103.461156	2212.90	2207.40	5.50	FBE	42.1	8.6	SB60859	X24621		
3/4/2014	3010	NC0748-165	41.8	SM1341	0.322		1426+55.1		142655.1	8 IN	X56	XR	48.474919	103.461536	2211.70	2206.00	5.70	FBE	20.1	19.7	D48763	NC0748-165		
3/4/2014	4909	SB60859	42.1	SMF85	0.322		1424+13.9		142413.9	8 IN	X56	XR	48.475850	103.461330	2212.20	2207.20	5.00	FBE	42.1	11.2	SB60867	SB60875		
3/4/2014	3013BR	D48763	20.1	SMB269		CALCULATED BORE	1426+75.2		142675.2		X56	XR	48.474862	103.461536	2211.70	2203.72	7.98	ARO	41.2	41.8	D48765	NC0748-165		NOTE 1
3/4/2014	4908	SB60867	42.1	SMF88	0.322		1424+56.0	P.I. < 14°29'09" LT.	142456.0	8 IN	X56	XR	48.475455	103.461503	2211.70	2206.70	5.00	FBE	9.9	42.1	X24621	SB60859		
3/4/2014	3014BR	D48765	41.2	SMB270		CALCULATED BORE	1427+16.3		142716.3		X56	XR	48.474752	103.461535	2211.86	2199.59	12.27	ARO	41.2	20.1	D48763	D48765		NOTE 1
3/4/2014	3015BR	D48763	41.2	SMB271		CALCULATED BORE	1427+57.5		142757.5		X56	XR	48.474639	103.461535	2211.70	2196.12	15.58	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3016BR	D48763	41.2	SMB272		CALCULATED BORE	1427+98.7		142798.7		X56	XR	48.474527	103.461534	2209.50	2193.33	16.17	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	3017BR	D48765	41.2	SMB273		CALCULATED BORE	1428+39.9		142839.9		X56	XR	48.474414	103.461534	2208.71	2191.21	17.50	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3018BR	D48763	41.2	SMB274		CALCULATED BORE	1428+81.2		142881.2		X56	XR	48.474301	103.461533	2207.93	2189.77	18.16	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3019BR	D48763	41.2	SMB275		CALCULATED BORE	1429+22.4		142922.4		X56	XR	48.474188	103.461533	2214.72	2189.00	25.72	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3020BR	D48763	41.2	SMB276		CALCULATED BORE	1429+63.5		142963.5		X56	XR	48.474075	103.461532	2214.90	2188.91	25.99	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3021BR	D48763	41.2	SMB277		CALCULATED BORE	1430+04.7		143004.7		X56	XR	48.473962	103.461532	2214.53	2189.49	25.04	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3022BR	D48763	41.2	SMB278		CALCULATED BORE	1430+45.9		143045.9		X56	XR	48.473849	103.461531	2215.42	2190.76	24.66	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3023BR	D48763	41.2	SMB279		CALCULATED BORE	1430+87.1		143087.1		X56	XR	48.473737	103.461531	2213.30	2192.69	20.61	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3024BR	D48763	41.2	SMB280		CALCULATED BORE	1431+28.3		143128.3		X56	XR	48.473624	103.461530	2211.83	2195.31	16.52	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3025BR	D48763	41.2	SMB281		CALCULATED BORE	1431+69.6		143169.6		X56	XR	48.473511	103.461530	2212.60	2198.59	14.01	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3026BR	D48763	41.2	SMB282		CALCULATED BORE	1432+10.7		143210.7		X56	XR	48.473399	103.461529	2213.00	2202.56	10.44	ARO	39.6	41.2	D48765	D48763		NOTE 1
3/4/2014	3027BR	D48765	39.6	SMT343	0.322		1432+50.4		143250.4	8 IN	X56	XR	48.473291	103.461529	2213.90	2207.00	6.90	ARO	6.6	41.2	NC0744-160	D48763		
3/4/2014	3070A	NC0744-160	6.6	SMT344	0.322	PUP	1432+57.0		143257.0	8 IN	X56	XR	48.473273	103.461529	2213.90	2207.50	6.40	FBE	48.7	39.6	NC0743-32	D48765		
3/4/2014	2073	NC0743-32	48.7	SMT340	0.322		1433+05.7		143305.7	8 IN	X56	XR	48.473140	103.461530	2216.10	2212.00	4.10	FBE	50.3	6.6	SC1209-43	NC0744-160		
3/4/2014	2179	SC1209-43	50.3	SM2773	0.322		1433+56.0		143356.0	8 IN	X56	XR	48.473002	103.461533	2218.50	2214.00	4.50	FBE	22.4	48.7	SC1212-128	NC0743-32		
3/4/2014	2110C	SC1212-128	22.4	SM2774	0.322		1433+78.4		143378.4	8 IN	X56	XR	48.472941	103.461533	2218.50	2214.20	4.30	FBE	20.1	50.3	SC1209-49	SC1209-43		
3/4/2014	2178A	SC1209-49	20.1	SM2775	0.322		1433+98.6		143398.6	8 IN	X56	XR	48.472886	103.461533	2218.40	2213.80	4.60	FBE	49.9	22.4	NC0744-145	SC1212-128		
3/4/2014	1481	NC0744-145	49.9	SM2776	0.322		1434+48.5		143448.5	8 IN	X56	XR	48.472749	103.461532	2218.50	2212.80	5.70	FBE	41.3	20.1	TC1211-69	SC1209-49		
3/4/2014	2043A	TC1211-69	41.3	SM2777	0.322		1434+89.8		143489.8	8 IN	X56	XR	48.472636	103.461533	2220.50	2215.70	4.80	FBE	13.2	49.9	NC0746-81	NC0744-145		
3/4/2014	1877A	NC0746-81	13.2	SM2778	0.322		1435+03.0		143503.0	8 IN	X56	XR	48.472600	103.461532	2221.50	2216.80	4.70	FBE	12.2	41.3	NC0745-151	TC1211-69		
3/4/2014	1469B	NC0745-151	12.2	SM2779	0.322		1435+15.3		143515.3	8 IN	X56	XR	48.472566	103.461532	2222.50	2217.80	4.70	FBE	19.4	13.2	NC0741-92	NC0746-81		
3/4/2014	1051A	NC0741-92	19.4	SM2780	0.322		1435+34.7		143534.7	8 IN	X56	XR	48.472513	103.461533	2224.10	2219.40	4.70	FBE	17.0	12.2	SC1207-86	NC0745-151		
3/4/2014	1341B	SC1207-86	17.0	SM2781	0.322		1435+51.6		143551.6	8 IN	X56	XR	48.472467	103.461533	2225.70	2220.80	4.90	FBE	50.2	19.4	NC0747-158	NC0741-92		
3/4/2014	3028	NC0747-158	50.2	SM2782	0.322		1436+01.9		143601.9	8 IN	X56	XR	48.472329	103.461531	2228.40	2223.70	4.70	FBE	50.3	17.0	SC1212-155	SC1207-86		
3/4/2014	3029	SC1212-155	50.3	SM2783	0.322		1436+52.2		143652.2	8 IN	X56	XR	48.472192	103.461531	2230.30	2225.50	4.80	FBE	50.2	50.2	NC0748-135	NC0747-158		
3/4/2014	3030	NC0748-135	50.2	SM2784	0.322		1437+02.4		143702.4	8 IN	X56	XR	48.472054	103.461532	2232.40	2226.90	5.50	FBE	50.3	50.3	NC0748-134	SC1212-155		
3/4/2014	3031	NC0748-134	50.3	SM2785	0.322		1437+52.7		143752.7	8 IN	X56	XR	48.471916	103.461532	2233.30	2228.70	4.60	FBE	50.2	50.2	NC0748-163	NC0748-135		
3/4/2014	3032	NC0748-163	50.2	SM2786	0.322		1438+02.9		143802.9	8 IN	X56	XR	48.471779	103.461532	2234.50	2230.30	4.20	FBE	50.1	50.3	NC0749-162	NC0748-134		
3/4/2014	3033	NC0749-162	50.1	SM2787	0.322		1438+53.0		143853.0	8 IN	X56	XR	48.471641	103.461531	2236.91	2232.80	4.11	FBE	50.3	50.2	NC0748-134	NC0748-163		
3/4/2014	3034	NC0748-134	50.3	SM2788	0.322		1439+03.4		143903.4	8 IN	X56	XR	48.471504	103.461531	2239.16	2235.00	4.16	FBE	50.3	50.1	NC0748-163	NC0749-162		
3/4/2014	3035	NC0748-163	50.3	SM2789	0.322		1439+53.6		143953.6	8 IN	X56	XR	48.471366	103.461530	2241.50	2236.70	4.80	FBE	50.2	50.3	NC0748-135	NC0748-134		
3/4/2014	3036	NC0748-135	50.2	SM2790	0.322		1440+03.8		144003.8	8 IN	X56	XR	48.471228	103.461531	2243.19	2238.70	4.49	FBE	50.4	50.3	SC1212-173	NC0748-163		
3/4/2014	3037	SC1212-173	50.4	SM2791	0.322		1440+54.2		144054.2	8 IN	X56	XR	48.471090	103.461534	2244.20	2239.50	4.70	FBE	50.1	50.2	NC0747-154	NC0748-135		
3/4/2014	3038	NC0747-154	50.1	SM2792	0.322		1441+04.4		144104.4	8 IN	X56	XR	48.470953	103.461533	2245.00	2240.40	4.60	FBE	49.6	50.4	NC0747-154	SC1212-173		
3/4/2014	3039	NC0747-154	49.6	SM2793	0.322		1441+54.0		144154.0	8 IN	X56	XR	48.470817	103.461532	2245.70	2241.40	4.30	FBE	50.3	50.1	NC0748-136	NC0747-154		
3/4/2014	3040	NC0748-136	50.3	SM2794	0.322		1442+04.2		144204.2	8 IN	X56	XR	48.470679	103.461533	2246.80	2242.50	4.30	FBE	49.9	49.6	NC0748-136	NC0747-154		
3/4/2014	3041	NC0748-136	49.9	SM2795	0.322		1442+54.1		144254.1	8 IN	X56	XR	48.470543	103.461534	2247.80	2242.70	5.10	FBE	50.3	50.3	NC0748-136	NC0748-136		
3/4/2014	3042	NC0748-136	50.3	SM2796	0.322		1443+04.4		144304.4	8 IN	X56	XR	48.470405	103.461532	2246.60	2241.50	5.10	FBE	50.2	49.9	NC0748-163	NC0748-136		
3/4/2014	3043	NC0748-163	50.2	SM2797	0.322		1443+54.6		144354.6	8 IN	X56	XR	48.470267	103.461532	2245.00	2239.70	5.30	FBE	50.2	50.3	NC0748-134	NC0748-136		
3/4/2014	3044	NC0748-134	50.2	SM2798	0.322		1444+04.8		144404.8	8 IN	X56	XR	48.470130	103.461532	2244.00	2239.30	4.70	FBE	50.3	50.2	NC0748-136	NC0748-163		
3/4/2014	3046	NC0748-136	50.3	SM2800	0.322		1444+55.1		144455.1	8 IN	X56	XR	48.469992	103.461531	2243.80	2239.10	4.70	FBE	50.2	50.2	NC0748-134	NC0748-134		
3/4/2014	3047	NC0748-134	50.2	SM2801	0.322		1445+05.3		144505.3	8 IN	X56	XR	48.469854	103.461527	2243.50	2239.10	4.40	FBE	50.2	50.3	NC0748-14	NC0748-136		
3/4/2014	3048	NC0748-14	30.2	SMT310	0.322		1445+35.5		144535.5	8 IN	X56	XR	48.469771	103.461526	2243.30	2238.70	4.60	FBE	50.2	50.2	NC0749-162	NC0748-134		
3/4/2014	3045	NC0749-162	50.2	SM2799	0.322		1445+85.7		144585.7	8 IN	X56	XR	48.469634	103.461527	2243.30	2237.60	5.70	FBE	50.1	30.2	NC0748-136	NC0748-14		
3/4/2014	3049	NC0748-136	50.1	SMT311	0.322		1446+35.9		144635.9	8 IN	X56	XR	48.469496	103.461528	2242.60	2237.60	5.00	FBE	50.2	50.2	SC1210-157	NC0749-162		
3/4/2014	3050	SC1210-157	50.2	SMT312	0.322		1446+86.1	P.I. < 2°21'42" LT.	144686.1	8 IN	X56	XR	48.469359	103.461529	2244.10	2239.70	4.40	FBE	43.3	50.1	SC1211-115	NC0748-136		
3/4/2014	3051	SC1211-115	43.3	SM2871	0.322		1447+29.3		144729.3	8 IN	X56	XR	48.469240	103.461532	2246.90	2242.00	4.90	FBE	50.2	50.2	NC0748-135	SC1210-157		
3/4/2014	3052	NC0748-135	50.2	SM2872	0.322		1447+79.6		144779.6	8 IN	X56	XR	48.469103	103.461534	2249.20	2244.00	5.20	FBE	50.2	43.3	NC0748-136	SC1211-115		
3/4/2014	3053	NC0748-136	50.2	SM2873	0.322		1448+29.8		144829.8	8 IN	X56	XR	48.468965	103.461536	2249.20	2244.10	5.10	FBE	50.3	50.2	NC0748-164	NC0748-135		
3/4/2014	3054	NC0748-164	50.3	SM2874	0.322		1448+80.1		144880.1	8 IN	X56	XR	48.468827	103.461536	2248.40	2243.10	5.30	FBE	50.4	50.2	NC0748-159	NC0748-136		
3/4/2014	3055	NC0748-159	50.4	SM2875	0.322		1449+30.5		144930.5	8 IN	X56	XR	48.468689	103.461535	2246.70	2241.60	5.10	FBE	50.2	50.3	NC0748-159	NC0748-164		
3/4/2014	3056	NC0748-159	50.2	SM2876	0.322		1449+80.7		144980.7	8 IN	X56	XR	48.468552	103.461533	2244.50	2239.60	4.90	FBE	50.2	50.4	NC0744-160	NC0748-159		
3/4/2014	3057	NC0744-160	50.2	SM2877	0.322		1450+30.9		145030.9	8 IN	X56	XR	48.468414	103.461531	2241.80	2236.80	5.00	FBE	49.8	50.2	NC0748-164	NC0748-159		
3/4/2014	3058	NC0748-164	49.8	SM2878	0.322		1450+80.7		145080.7	8 IN	X56	XR	48.468278	103.461531	2238.90	2233.80	5.10	FBE	50.3	50.2	NC0748-163	NC0744-160		
3/4/2014	3059	NC0748-163	50.3	SM2879	0.322		1451+31.0		145131.0	8 IN	X56	XR	48.468140	103.461531	2237.10	2232.00	5.10	FBE	50.3	49.8	NC0749-162	NC0748-164		
3/4/2014	3060	NC0749-162	50.3	SM2880	0.322		1451+81.3		145181.3	8 IN	X56	XR	48.468002	103.461531	2235.70	2230.70	5.00	FBE	50.3	50.3	NC0748-164	NC0748-163		
3/4/2014	3061	NC0748-164	50.3	SM2881	0.322		1452+31.6		145231.6	8 IN	X56	XR	48.467865	103.461532	2234.50	2229.10	5.40	FBE	50.1	50.3	NC0747-158	NC0749-162		
3/4/2014	3062	NC0747-158	50.1	SM2882	0.322		1452+81.7		145281.7	8 IN	X56	XR	48.467727	103.461532	2232.60	2227.30	5.30	FBE	50.2	50.3	NC0747-158	NC0748-164		
3/4/2014	3063	NC0747-158	50.2	SM2883	0.322		1453+31.9		145331.9	8 IN	X56	XR	48.467590	103.461533	2231.60	2227.30	4.30	FBE	49.8	50.1	NC0748-134	NC0747-158		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 219	SHEET No. 119 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3064	NC0748-134	49.8	SM2884	0.322		1453+81.7		145381.7	8 IN	X56	XR	48.467453	103.461532	2231.10	2226.80	4.30	FBE	50.2	50.2	NC0748-159	NC0747-158		
3/4/2014	3065	NC0748-159	50.2	SM2885	0.322		1454+31.9		145431.9	8 IN	X56	XR	48.467316	103.461531	2230.70	2226.00	4.70	FBE	50.2	49.8	NC0749-162	NC0748-134		
3/4/2014	3066	NC0749-162	50.2	SM2886	0.322		1454+82.1		145482.1	8 IN	X56	XR	48.467178	103.461534	2230.30	2226.10	4.20	FBE	49.8	50.2	NC0748-163	NC0748-159		
3/4/2014	3067	NC0748-163	49.8	SM2887	0.322		1455+31.9		145531.9	8 IN	X56	XR	48.467042	103.461538	2230.50	2226.10	4.40	FBE	50.2	50.2	NC0748-135	NC0749-162		
3/4/2014	3068	NC0748-135	50.2	SM2888	0.322		1455+82.1		145582.1	8 IN	X56	XR	48.466904	103.461539	2229.60	2225.10	4.50	FBE	34.7	49.8	SC1212-155	NC0748-163		
3/4/2014	3069	SC1212-155	34.7	SMT338	0.322	PUP	1456+16.8	P.I. < 11°31'59" LT.	145616.8	8 IN	X56	XR	48.466809	103.461539	2229.50	2224.90	4.60	FBE	9.1	50.2	C30174	NC0748-135		
3/4/2014	F42	C30174	9.1	SMT339	0.322	FACTORY BEND	1456+25.9		145625.9	8 IN	X56	XR	48.466794	103.461516	2229.50	2224.70	4.80	FBE	43.4	34.7	NC0744-160	SC1212-155		
3/4/2014	3070	NC0744-160	43.4	SM2889	0.322		1456+69.3		145669.3	8 IN	X56	XR	48.466792	103.461337	2229.40	2224.30	5.10	FBE	50.2	9.1	NC0748-159	C30174		
3/4/2014	3071	NC0748-159	50.2	SM2970	0.322		1457+19.5		145719.5	8 IN	X56	XR	48.466791	103.461130	2228.60	2224.20	4.40	FBE	50.4	43.4	NC0744-160	NC0744-160		
3/4/2014	3073	NC0744-160	50.4	SM2803	0.322		1457+69.9		145769.9	8 IN	X56	XR	48.466791	103.460923	2228.30	2224.20	4.10	FBE	50.2	50.2	SC1210-157	NC0748-159		
3/4/2014	3074	SC1210-157	50.2	SM2805	0.322		1458+20.1		145820.1	8 IN	X56	XR	48.466793	103.460716	2228.10	2223.60	4.50	FBE	50.2	50.4	NC0747-158	NC0744-160		
3/4/2014	3075	NC0747-158	50.2	SM2807	0.322		1458+70.3		145870.3	8 IN	X56	XR	48.466794	103.460509	2228.20	2223.50	4.70	FBE	50.2	50.2	NC0747-158	SC1210-157		
3/4/2014	3076	NC0747-158	50.2	SM2809	0.322		1459+20.5		145920.5	8 IN	X56	XR	48.466794	103.460302	2228.20	2223.50	4.70	FBE	50.1	50.2	NC0748-159	NC0747-158		
3/4/2014	3077	NC0748-159	50.1	SM2811	0.322		1459+70.6		145970.6	8 IN	X56	XR	48.466795	103.460095	2228.60	2223.30	5.30	FBE	50.3	50.2	NC0749-62	NC0747-158		
3/4/2014	3079	NC0749-62	50.3	SM2813	0.322		1460+21.0		146021.0	8 IN	X56	XR	48.466796	103.459888	2227.90	2223.80	4.10	FBE	50.4	50.1	NC0744-160	NC0748-159		
3/4/2014	3072	NC0744-160	50.4	SM2971	0.322		1460+71.4		146071.4	8 IN	X56	XR	48.466797	103.459680	2228.10	2223.50	4.60	FBE	39.5	50.3	NC0744-160	NC0749-62		
3/4/2014	3078	NC0744-160	39.5	SM2802	0.322		1461+10.8		146110.8	8 IN	X56	XR	48.466797	103.459517	2228.00	2223.20	4.80	FBE	50.3	50.4	NC0744-160	NC0744-160		
3/4/2014	3080	NC0744-160	50.3	SM2804	0.322		1461+61.1		146161.1	8 IN	X56	XR	48.466797	103.459310	2227.60	2222.50	5.10	FBE	50.3	39.5	NC0749-162	NC0744-160		
3/4/2014	3081	NC0749-162	50.3	SM2806	0.322	NO COATING INFO	1462+11.4		146211.4	8 IN	X56	XR	48.466797	103.459103	2227.30	2222.30	5.00		50.1	50.3	NC0747-158	NC0744-160		
3/4/2014	3082	NC0747-158	50.1	SM2808	0.322	NO COATING INFO	1462+61.5		146261.5	8 IN	X56	XR	48.466798	103.458896	2227.80	2222.40	5.40		50.3	50.3	NC0748-159	NC0749-162		
3/4/2014	3083	NC0748-159	50.3	SM2810	0.322	NO COATING INFO	1463+11.8		146311.8	8 IN	X56	XR	48.466800	103.458689	2228.80	2222.70	6.10		50.2	50.1	NC0748-159	NC0747-158		
3/4/2014	3084	NC0748-159	50.2	SM2812	0.322	NO COATING INFO	1463+62.0		146362.0	8 IN	X56	XR	48.466799	103.458482	2229.50	2222.80	6.70		50.2	50.3	NC0748-159	NC0748-159		
3/4/2014	3085	NC0748-159	50.2	SM2814	0.322	NO COATING INFO	1464+12.2		146412.2	8 IN	X56	XR	48.466798	103.458275	2227.30	2222.40	4.90		50.2	50.2	NC0747-158	NC0748-159		
3/4/2014	3086	NC0747-158	50.2	SM2815	0.322	NO COATING INFO	1464+62.4		146462.4	8 IN	X56	XR	48.466797	103.458068	2227.80	2222.80	5.00		49.7	50.2	NC0748-159	NC0748-159		
3/4/2014	3087	NC0748-159	49.7	SM2816	0.322	NO COATING INFO	1465+12.1		146512.1	8 IN	X56	XR	48.466797	103.457863	2228.80	2223.50	5.30		48.5	50.2	NC0749-188	NC0747-158		
3/4/2014	3088	NC0749-188	48.5	SM2817	0.322	NO COATING INFO	1465+60.7		146560.7	8 IN	X56	XR	48.466798	103.457663	2229.50	2224.40	5.10		50.3	49.7	NC0748-135	NC0748-159		
3/4/2014	3089	NC0748-135	50.3	SM2818	0.322		1466+10.9		146610.9	8 IN	X56	XR	48.466799	103.457456	2230.60	2225.70	4.90	FBE	49.8	48.5	NC0748-132	NC0749-188		
3/4/2014	3090	NC0748-132	49.8	SM2819	0.322		1466+60.7		146660.7	8 IN	X56	XR	48.466800	103.457251	2231.00	2226.00	5.00	FBE	49.8	50.3	NC0748-136	NC0748-135		
3/4/2014	3091	NC0748-136	49.8	SM2820	0.322		1467+10.5		146710.5	8 IN	X56	XR	48.466801	103.457046	2231.40	2226.30	5.10	FBE	50.3	49.8	NC0747-158	NC0748-132		
3/4/2014	3092	NC0747-158	50.3	SM2821	0.322		1467+60.8		146760.8	8 IN	X56	XR	48.466801	103.456839	2232.10	2227.00	5.10	FBE	49.8	49.8	NC0748-135	NC0748-136		
3/4/2014	3093	NC0748-135	49.8	SM2822	0.322		1468+10.5		146810.5	8 IN	X56	XR	48.466800	103.456633	2232.00	2226.90	5.10	FBE	48.9	50.3	NC0748-135	NC0747-158		
3/4/2014	3094	NC0748-135	48.9	SM2823	0.322		1468+59.5		146859.5	8 IN	X56	XR	48.466799	103.456432	2231.70	2226.50	5.20	FBE	50.2	49.8	NC0748-136	NC0748-135		
3/4/2014	3095	NC0748-136	50.2	SM2824	0.322		1469+09.7		146909.7	8 IN	X56	XR	48.466797	103.456225	2231.60	2226.70	4.90	FBE	49.5	48.9	NC0748-135	NC0748-135		
3/4/2014	3096	NC0748-135	49.5	SM2825	0.322		1469+59.2		146959.2	8 IN	X56	XR	48.466796	103.456021	2232.90	2227.60	5.30	FBE	50.2	50.2	NC0748-135	NC0748-136		
3/4/2014	3097	NC0748-135	50.2	SM2826	0.322		1470+09.4		147009.4	8 IN	X56	XR	48.466796	103.455814	2234.10	2229.30	4.80	FBE	50.2	49.5	SC1212-155	NC0748-135		
3/4/2014	3098	SC1212-155	50.2	SM2827	0.322		1470+59.7		147059.7	8 IN	X56	XR	48.466796	103.455607	2235.90	2231.20	4.70	FBE	49.8	50.2	NC0747-158	NC0748-135		
3/4/2014	3099	NC0747-158	49.8	SM2828	0.322		1471+09.5		147109.5	8 IN	X56	XR	48.466795	103.455402	2237.00	2231.90	5.10	FBE	49.4	50.2	SC1212-155	SC1212-155		
3/4/2014	3100	SC1212-155	49.4	SM2829	0.322		1471+58.9		147158.9	8 IN	X56	XR	48.466795	103.455198	2237.70	2232.80	4.90	FBE	50.2	49.8	SC1212-155	NC0747-158		
3/4/2014	3101	SC1212-155	50.2	SM2830	0.322		1472+09.1		147209.1	8 IN	X56	XR	48.466795	103.454991	2237.90	2233.10	4.80	FBE	49.9	49.4	NC0748-161	SC1212-155		
3/4/2014	3102	NC0748-161	49.9	SM2831	0.322		1472+59.0		147259.0	8 IN	X56	XR	48.466795	103.454785	2238.60	2233.70	4.90	FBE	49.8	50.2	NC0749-162	SC1212-155		
3/4/2014	3103	NC0749-162	49.8	SM2832	0.322		1473+08.8		147308.8	8 IN	X56	XR	48.466795	103.454580	2239.40	2234.70	4.70	FBE	50.2	49.9	SC1212-157	NC0748-161		
3/4/2014	3104	SC1212-157	50.2	SM2833	0.322		1473+59.0		147359.0	8 IN	X56	XR	48.466796	103.454373	2240.60	2235.60	5.00	FBE	49.7	49.8	NC0748-164	NC0749-162		
3/4/2014	3105	NC0748-164	49.7	SM2834	0.322		1474+08.8		147408.8	8 IN	X56	XR	48.466796	103.454168	2240.70	2235.70	5.00	FBE	50.2	50.2	NC0748-164	SC1212-157		
3/4/2014	3106	NC0748-164	50.2	SM2835	0.322		1474+59.0		147459.0	8 IN	X56	XR	48.466797	103.453961	2240.70	2235.90	4.80	FBE	50.3	49.7	NC0748-164	NC0748-164		
3/4/2014	3107	NC0748-164	50.3	SM2836	0.322		1475+09.2		147509.2	8 IN	X56	XR	48.466798	103.453754	2240.90	2236.00	4.90	FBE	50.3	50.2	NC0748-159	NC0748-164		
3/4/2014	3108	NC0748-159	50.3	SM2837	0.322		1475+59.5		147559.5	8 IN	X56	XR	48.466799	103.453547	2240.10	2235.10	5.00	FBE	50.2	50.3	NC0749-162	NC0748-164		
3/4/2014	3109	NC0749-162	50.2	SM2838	0.322		1476+09.7		147609.7	8 IN	X56	XR	48.466799	103.453340	2238.80	2233.80	5.00	FBE	50.1	50.3	NC0747-156	NC0748-159		
3/4/2014	3110	NC0747-156	50.1	SM2839	0.322		1476+59.9		147659.9	8 IN	X56	XR	48.466798	103.453133	2238.40	2233.40	5.00	FBE	49.3	50.2	NC0744-160	NC0749-162		
3/4/2014	3111	NC0744-160	49.3	SM2840	0.322		1477+09.2		147709.2	8 IN	X56	XR	48.466797	103.452930	2237.80	2232.80	5.00	FBE	49.8	50.1	NC0748-163	NC0747-156		
3/4/2014	3112	NC0748-163	49.8	SM2841	0.322		1477+59.0		147759.0	8 IN	X56	XR	48.466796	103.452725	2236.40	2231.60	4.80	FBE	50.3	49.3	SC1210-157	NC0744-160		
3/4/2014	3113	SC1210-157	50.3	SM2842	0.322		1478+09.3		147809.3	8 IN	X56	XR	48.466796	103.452517	2234.90	2230.00	4.90	FBE	50.1	49.8	NC0747-158	NC0748-163		
3/4/2014	3114	NC0747-158	50.1	SM2843	0.322		1478+59.4		147859.4	8 IN	X56	XR	48.466797	103.452311	2234.20	2228.20	6.00	FBE	50.1	50.3	SC1210-157	SC1210-157		
3/4/2014	3115	SC1210-157	50.1	SM2844	0.322		1479+09.5		147909.5	8 IN	X56	XR	48.466799	103.452105	2233.70	2229.00	4.70	FBE	50.3	50.1	NC0747-158	NC0747-158		
3/4/2014	3116	NC0747-158	50.3	SM2845	0.322		1479+59.8		147959.8	8 IN	X56	XR	48.466797	103.451897	2234.10	2229.50	4.60	FBE	50.2	50.1	NC0748-163	SC1210-157		
3/4/2014	3117	NC0748-163	50.2	SM2846	0.322		1480+10.1		148010.1	8 IN	X56	XR	48.466796	103.451690	2234.80	2229.70	5.10	FBE	50.1	50.3	NC0748-136	NC0747-158		
3/4/2014	3118	NC0748-136	50.1	SM2847	0.322		1480+60.2		148060.2	8 IN	X56	XR	48.466794	103.451484	2234.20	2229.40	4.80	FBE	50.3	50.2	SC1212-155	NC0748-163		
3/4/2014	3119	SC1212-155	50.3	SM2848	0.322		1481+10.5		148110.5	8 IN	X56	XR	48.466792	103.451276	2232.30	2228.10	4.20	FBE	49.5	50.1	NC0748-136	NC0748-136		
3/4/2014	3120	NC0748-136	49.5	SMT352	0.322		1481+60.0		148160.0	8 IN	X56	XR	48.466790	103.451073	2230.90	2226.80	4.10	FBE	29.3	50.3	SC1212-155	SC1212-155		
3/4/2014	3121	SC1212-155	29.3	SMT353	0.322		1481+89.3		148189.3	8 IN	X56	XR	48.466791	103.450952	2230.29	2226.00	4.29	FBE	6.0	49.5	SC1212-155	NC0748-136		
3/4/2014	3121A	SC1212-155	6.0	SMT354	0.322		1481+95.3		148195.3	8 IN	X56	XR	48.466791	103.450927	2229.90	2225.80	4.10	FBE	9.8	29.3	C30174	SC1212-155		
3/4/2014	F43	C30174	9.8	SMT355	0.322	FACTORY BEND	1482+05.0	P.I. < 13°40'23" RT.	148205.0	8 IN	X56	XR	48.466776	103.450902	2229.90	2225.20	4.70	FBE	5.9	6.0	SC1212-155	SC1212-155		
3/4/2014	3121B	SC1212-155	5.9	SMT356	0.322		1482+10.9		148210.9	8 IN	X56	XR	48.466760	103.450901	2229.70	2224.70	5.00	FBE	13.9	9.8	SC1210-157	C30174		
3/4/2014	3129B	SC1210-157	13.9	SMT357	0.322		1482+24.9		148224.9	8 IN	X56	XR	48.466722	103.450899	2229.70	2223.70	6.00	FBE	41.2	5.9	D48765	SC1212-155		
3/4/2014	3122BR	D48765	41.2	SMB257		CALCULATED BORE	1482+66.1		148266.1		X56	XR	48.466611	103.450899	2227.40	2215.51	11.89	ARO	41.2	13.9	D48765	SC1210-157		NOTE 1
3/4/2014	3123BR	D48765	41.2	SMB256		CALCULATED BORE	1483+07.3		148307.3		X56	XR	48.466499	103.450899	2227.60	2210.94	16.66	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3124BR	D48765	41.2	SMB255		CALCULATED BORE	1483+48.5		148348.5		X56	XR	48.466386	103.450898	2227.75	2210.00	17.75	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3125BR	D48765	41.2	SMB254		CALCULATED BORE	1483+89.7		148389.7		X56	XR	48.466273	103.450898	2227.90	2212.71	15.19	ARO	41.2	41.2	D48765	D48765		NOTE 1

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS Petroleum Field Services, LLC, 7535 Hilltop Circle, Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 220	SHEET No. 120 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3126BR	D48765	41.2	SMB253		CALCULATED BORE	1484+30.9		148430.9		X56	XR	48.466162	103.450898	2228.85	2219.06	9.79	ARO	23.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3127BR	D48763	23.2	SMT345	0.322		1484+54.1		148454.1	8 IN	X56	XR	48.466100	103.450898	2228.78	2224.20	4.58	ARO	32.6	41.2	SC1210-157	D48765		
3/4/2014	3129	SC1210-157	32.6	SMT346	0.322		1484+86.7		148486.7	8 IN	X56	XR	48.466011	103.450898	2235.90	2229.10	6.80	FBE	42.4	23.2	NC0748-159	D48763		
3/4/2014	3130	NC0748-159	42.4	SM2849	0.322		1485+29.1		148529.1	8 IN	X56	XR	48.465896	103.450894	2239.40	2234.10	5.30	FBE	50.4	32.6	NC0747-156	SC1210-157		
3/4/2014	3131	NC0747-156	50.4	SM2850	0.322		1485+79.5		148579.5	8 IN	X56	XR	48.465758	103.450892	2240.00	2234.00	6.00	FBE	50.0	42.4	NC0748-159	NC0748-159		
3/4/2014	3132	NC0748-159	50.0	SM2851	0.322		1486+29.5		148629.5	8 IN	X56	XR	48.465621	103.450891	2241.30	2236.10	5.20	FBE	50.1	50.4	NC0747-158	NC0747-156		
3/4/2014	3133	NC0747-158	50.1	SM2852	0.322		1486+79.5		148679.5	8 IN	X56	XR	48.465484	103.450893	2243.60	2238.70	4.90	FBE	50.4	50.0	NC0747-158	NC0748-159		
3/4/2014	3134	NC0747-158	50.4	SM2853	0.322		1487+29.9		148729.9	8 IN	X56	XR	48.465346	103.450898	2244.90	2240.10	4.80	FBE	50.0	50.1	SC1210-157	NC0747-158		
3/4/2014	3135	SC1210-157	50.0	SM2854	0.322		1487+79.9		148779.9	8 IN	X56	XR	48.465209	103.450903	2245.90	2241.30	4.60	FBE	50.2	50.4	NC0748-163	NC0747-158		
3/4/2014	3136	NC0748-163	50.2	SM2855	0.322		1488+30.1		148830.1	8 IN	X56	XR	48.465072	103.450906	2247.10	2242.60	4.50	FBE	49.8	50.0	SC1210-157	SC1210-157		
3/4/2014	3137	SC1210-157	49.8	SM2856	0.322		1488+80.0		148880.0	8 IN	X56	XR	48.464935	103.450907	2248.50	2243.90	4.60	FBE	50.2	50.2	NC0748-164	NC0748-163		
3/4/2014	3138	NC0748-164	50.2	SM2857	0.322		1489+30.2		148930.2	8 IN	X56	XR	48.464797	103.450907	2250.00	2245.00	5.00	FBE	50.3	49.8	NC0748-135	SC1210-157		
3/4/2014	3139	NC0748-135	50.3	SM2858	0.322		1489+80.5		148980.5	8 IN	X56	XR	48.464660	103.450908	2250.40	2246.00	4.40	FBE	50.1	50.2	NC0747-156	NC0748-164		
3/4/2014	3140	NC0747-156	50.1	SM2859	0.322		1490+30.6		149030.6	8 IN	X56	XR	48.464522	103.450911	2251.00	2246.20	4.80	FBE	49.7	50.3	NB6550-18F	NC0748-135		
3/4/2014	3141	NB6550-18F	49.7	SM2860	0.322		1490+80.3		149080.3	8 IN	X56	XR	48.464386	103.450910	2252.60	2247.40	5.20	FBE	50.1	50.1	NB6549-13F	NC0747-156		
3/4/2014	3142	NB6549-13F	50.1	SM2861	0.322		1491+30.4		149130.4	8 IN	X56	XR	48.464249	103.450910	2252.70	2248.30	4.40	FBE	50.2	49.7	NB6549-16F	NB6550-18F		
3/4/2014	3143	NB6549-16F	50.2	SM2862	0.322		1491+80.6		149180.6	8 IN	X56	XR	48.464111	103.450909	2253.10	2248.30	4.80	FBE	50.2	50.1	NC0748-135	NB6549-13F		
3/4/2014	3144	NC0748-135	50.2	SM2863	0.322		1492+30.8		149230.8	8 IN	X56	XR	48.463974	103.450910	2253.00	2248.20	4.80	FBE	50.2	50.2	NB6549-16F	NB6549-16F		
3/4/2014	3145	NB6549-16F	50.2	SM2864	0.322		1492+81.0		149281.0	8 IN	X56	XR	48.463836	103.450911	2252.60	2248.00	4.60	FBE	50.3	50.2	NC0748-135	NC0748-135		
3/4/2014	3146	NC0748-135	50.3	SM2865	0.322		1493+31.3		149331.3	8 IN	X56	XR	48.463698	103.450910	2253.20	2246.90	6.30	FBE	50.3	50.2	NC0748-164	NB6549-16F		
3/4/2014	3147	NC0748-164	50.3	SM2866	0.322		1493+81.6		149381.6	8 IN	X56	XR	48.463560	103.450909	2252.10	2246.80	5.30	FBE	50.2	50.3	NC0748-161	NC0748-135		
3/4/2014	3148	NC0748-161	50.2	SM2867	0.322		1494+31.8		149431.8	8 IN	X56	XR	48.463423	103.450910	2252.00	2247.00	5.00	FBE	50.3	50.3	NC0748-164	NC0748-164		
3/4/2014	3149	NC0748-164	50.3	SM2868	0.322		1494+82.1		149482.1	8 IN	X56	XR	48.463285	103.450911	2252.50	2247.70	4.80	FBE	50.3	50.2	NC0748-161	NC0748-161		
3/4/2014	3150	NC0748-161	50.3	SM2869	0.322		1495+32.4		149532.4	8 IN	X56	XR	48.463147	103.450912	2253.20	2248.30	4.90	FBE	50.0	50.3	NC0748-163	NC0748-164		
3/4/2014	3151	NC0748-163	50.0	SM2870	0.322		1495+82.4		149582.4	8 IN	X56	XR	48.463010	103.450911	2252.10	2248.10	4.00	FBE	49.8	50.3	SC 1210-157	NC0748-161		
3/4/2014	3152	SC 1210-157	49.8	SMT 361	0.322		1496+32.2		149632.2	8 IN	X56	XR	48.462873	103.450908	2251.10	2246.90	4.20	FBE	38.6	50.0	NC 0747-172	NC0748-163		
3/4/2014	2984B	NC 0747-172	38.6	SMT 362	0.322		1496+70.8		149670.8	8 IN	X56	XR	48.462768	103.450905	2250.60	2245.90	4.70	FBE	11.6	49.8	NC0748-159	SC 1210-157		
3/4/2014	2899C	NC0748-159	11.6	SMT 363	0.322		1496+82.4		149682.4	8 IN	X56	XR	48.462736	103.450905	2251.00	2245.50	5.50	FBE	14.8	38.6	D48763	NC 0747-172		
3/4/2014	3153BR	D48763	14.8	SMB283		CALCULATED BORE	1496+97.2		149697.2		X56	XR	48.462696	103.450904	2251.30	2242.14	9.16	ARO	41.2	11.6	D48765	NC0748-159		NOTE 1
3/4/2014	3154BR	D48765	41.2	SMB284		CALCULATED BORE	1497+38.4		149738.4		X56	XR	48.462585	103.450903	2250.60	2235.26	15.34	ARO	41.2	14.8	D48763	D48763		NOTE 1
3/4/2014	3155BR	D48763	41.2	SMB285		CALCULATED BORE	1497+79.6		149779.6		X56	XR	48.462473	103.450902	2250.70	2232.08	18.62	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3156BR	D48763	41.2	SMB286		CALCULATED BORE	1498+20.8		149820.8		X56	XR	48.462360	103.450901	2250.80	2232.61	18.19	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3157BR	D48763	41.2	SMB287		CALCULATED BORE, NO COAT INFO	1498+62.0		149862.0		X56	XR	48.462247	103.450899	2250.90	2236.86	14.04		43.0	41.2	D48765	D48763		
3/4/2014	3158BR	D48765	43.0	SMT347	0.322		1499+05.0	P.I. < 2°02'17" RT.	149905.0	8 IN	X56	XR	48.462132	103.450898	2251.00	2245.20	5.80	ARO	19.1	41.2	SC1212-155	D48763		
3/4/2014	3159	SC1212-155	19.1	SMT348	0.322		1499+24.1		149924.1	8 IN	X56	XR	48.462079	103.450900	2251.30	2246.10	5.20	FBE	50.0	43.0	SC1212-155	D48765		
3/4/2014	3160	SC1212-155	50.0	SM2890	0.322		1499+74.0	P.I. < 2°12'48" LT.	149974.0	8 IN	X56	XR	48.461943	103.450911	2252.10	2247.30	4.80	FBE	50.3	19.1	NC0748-135	SC1212-155		
3/4/2014	3161	NC0748-135	50.3	SM2891	0.322		1500+24.3		150024.3	8 IN	X56	XR	48.461805	103.450914	2252.60	2247.70	4.90	FBE	50.2	50.0	NC0749-162	SC1212-155		
3/4/2014	3162	NC0749-162	50.2	SM2892	0.322		1500+74.5		150074.5	8 IN	X56	XR	48.461667	103.450915	2253.70	2248.40	5.30	FBE	50.5	50.3	NC0748-135	NC0748-135		
3/4/2014	3163	NC0748-135	50.5	SMT349	0.322		1501+25.1		150125.1	8 IN	X56	XR	48.461529	103.450911	2254.60	2249.50	5.10	FBE	49.3	50.2	SC1212-156	NC0749-162		
3/4/2014	3164	SC1212-156	49.3	SM2893	0.322		1501+74.4		150174.4	8 IN	X56	XR	48.461394	103.450910	2254.30	2248.77	5.53	FBE	50.2	50.5	NC0748-163	NC0748-135		
3/4/2014	3165	NC0748-163	50.2	SM2894	0.322		1502+24.6		150224.6	8 IN	X56	XR	48.461256	103.450910	2252.10	2246.13	5.97	FBE	40.3	49.3	NB6550-19F	SC1212-156		
3/4/2014	3166	NB6550-19F	40.3	SMT350	0.322		1502+64.8		150264.8	8 IN	X56	XR	48.461146	103.450916	2251.80	2245.40	6.40	FBE	10.6	50.2	SC1212-155	NC0748-163		
3/4/2014	3167A	SC1212-155	10.6	SMT351	0.322		1502+75.4		150275.4	8 IN	X56	XR	48.461117	103.450916	2251.80	2245.40	6.40	FBE	38.7	40.3	SC1212-155	NB6550-19F		
3/4/2014	3167	SC1212-155	38.7	SM2895	0.322		1503+14.1		150314.1	8 IN	X56	XR	48.461011	103.450921	2252.60	2246.10	6.50	FBE	50.1	10.6	NC0749-162	SC1212-155		
3/4/2014	3168	NC0749-162	50.1	SM2896	0.322		1503+64.2		150364.2	8 IN	X56	XR	48.460874	103.450924	2254.20	2247.60	6.60	FBE	49.8	38.7	NB6549-15F	SC1212-155		
3/4/2014	3169	NB6549-15F	49.8	SM2897	0.322		1504+14.0		150414.0	8 IN	X56	XR	48.460738	103.450925	2255.60	2249.70	5.90	FBE	50.2	50.1	NB6549-15F	NC0749-162		
3/4/2014	3170	NB6549-15F	50.2	SM2898	0.322		1504+64.2		150464.2	8 IN	X56	XR	48.460600	103.450924	2255.90	2250.40	5.50	FBE	48.6	49.8	NB6550-18F	NB6549-15F		
3/4/2014	3171	NB6550-18F	48.6	SM2899	0.322		1505+12.8		150512.8	8 IN	X56	XR	48.460467	103.450922	2256.90	2251.00	5.90	FBE	50.2	50.2	NC0748-136	NB6549-15F		
3/4/2014	3172	NC0748-136	50.2	SM2900	0.322		1505+63.0		150563.0	8 IN	X56	XR	48.460329	103.450923	2256.90	2251.00	5.90	FBE	50.3	48.6	NC0748-136	NB6550-18F		
3/4/2014	3173	NC0748-136	50.3	SM2901	0.322		1506+13.3		150613.3	8 IN	X56	XR	48.460191	103.450924	2255.60	2251.00	4.60	FBE	50.2	50.2	NC0748-136	NC0748-136		
3/4/2014	3174	NC0748-136	50.2	SM2902	0.322		1506+63.6		150663.6	8 IN	X56	XR	48.460054	103.450926	2255.90	2251.40	4.50	FBE	39.3	50.3	NC0747-154	NC0748-136		
3/4/2014	3175	NC0747-154	39.3	SMT358	0.322		1507+02.9	P.I. < 19°03'22" LT.	150702.9	8 IN	X56	XR	48.459946	103.450931	2256.32	2250.40	5.92	FBE	8.9	50.2	C30174	NC0748-136		
3/4/2014	F44	C30174	8.9	SMT359	0.322	FACTORY BEND	1507+11.8	P.I. < 12°11'20" LT.	150711.8	8 IN	X56	XR	48.459931	103.450909	2256.32	2249.90	6.42	FBE	14.4	39.3	SC1212-155	NC0747-154		
3/4/2014	3159A	SC1212-155	14.4	SMT360	0.322		1507+26.2		150726.2	8 IN	X56	XR	48.459929	103.450850	2256.32	2249.80	6.52	FBE	41.2	8.9	D48763	C30174		
3/4/2014	3176BR	D48763	41.2	SMB288		CALCULATED BORE	1507+67.4		150767.4		X56	XR	48.459929	103.450682	2259.68	2243.62	16.06	ARO	41.2	14.4	D48763	SC1212-155		NOTE 1
3/4/2014	3177BR	D48763	41.2	SMB289		CALCULATED BORE	1508+08.6		150808.6		X56	XR	48.459929	103.450513	2258.94	2247.49	11.45	ARO	25.4	41.2	D48763	D48763		NOTE 1
3/4/2014	3178BR	D48763	25.4	SMT368	0.322		1508+34.0		150834.0	8 IN	X56	XR	48.459928	103.450412	2260.10	2254.80	5.30	ARO	50.3	41.2	NC 0747-156	D48763		
3/4/2014	3180	NC 0747-156	50.3	SM2903	0.322		1508+84.3		150884.3	8 IN	X56	XR	48.459929	103.450205	2260.50	2255.70	4.80	FBE	50.2	25.4	NB6550-14F	D48763		
3/4/2014	3181	NB6550-14F	50.2	SMT369	0.322		1509+34.5		150934.5	8 IN	X56	XR	48.459928	103.449998	2260.70	2255.20	5.50	FBE	50.1	50.3	NB 6549-13F	NC 0747-156		
3/4/2014	3182	NB 6549-13F	50.1	SM2904	0.322		1509+84.6		150984.6	8 IN	X56	XR	48.459927	103.449792	2261.30	2254.60	6.70	FBE	39.8	50.2	NC 0748-136	NB6550-14F		
3/4/2014	3183	NC 0748-136	39.8	SMT370	0.322		1510+24.4		151024.4	8 IN	X56	XR	48.459925	103.449628	2262.50	2257.20	5.30	FBE	49.3	50.1	NC 0748-144	NB 6549-13F		
3/4/2014	3184	NC 0748-144	49.3	SM2905	0.322		1510+73.7		151073.7	8 IN	X56	XR	48.459925	103.449426	2264.60	2260.30	4.30	FBE	34.7	39.8	NC0744-114	NC 0748-136		
3/4/2014	3185	NC0744-114	34.7	SM2906	0.322		1511+08.4		151108.4	8 IN	X56	XR	48.459923	103.449283	2265.00	2260.80	4.20	FBE	50.2	49.3	NB6549-13F	NC 0748-144		
3/4/2014	3186	NB6549-13F	50.2	SM2907	0.322		1511+58.6		151158.6	8 IN	X56	XR	48.459925	103.449076	2265.50	2260.80	4.70	FBE	50.1	34.7	SC1212-155	NC0744-114		
3/4/2014	3187	SC1212-155	50.1	SM2908	0.322		1512+08.7		151208.7	8 IN	X56	XR	48.459925	103.448869	2266.90	2261.10	5.80	FBE	50.2	50.2	NB6550-14F	NB6549-13F		
3/4/2014	3188	NB6550-14F	50.2	SM2909	0.322		1512+58.9		151258.9	8 IN	X56	XR	48.459924	103.448663	2267.10	2262.10	5.00	FBE	49.7	50.1	NB6549-13F	SC1212-155		
3/4/2014	3189	NB6549-13F	49.7	SM2910	0.322		1513+08.6		151308.6	8 IN	X56	XR	48.459923	103.448458	2268.60	2263.00	5.60	FBE	49.8	50.2	NB6549-15F	NB6550-14F		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 221	SHEET No. 121 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3190	NB6549-15F	49.8	SM2911	0.322		1513+58.4		151358.4	8 IN	X56	XR	48.459923	103.448252	2268.50	2263.10	5.40	FBE	49.8	49.7	NC0749-159	NB6549-13F		
3/4/2014	3191	NC0749-159	49.8	SM2912	0.322		1514+08.2		151408.2	8 IN	X56	XR	48.459922	103.448047	2267.30	2261.80	5.50	FBE	50.2	49.8	NC0748-136	NB6549-15F		
3/4/2014	3192	NC0748-136	50.2	SM2913	0.322		1514+58.4		151458.4	8 IN	X56	XR	48.459922	103.447840	2267.10	2261.50	5.60	FBE	50.2	49.8	NC0748-135	NC0749-159		
3/4/2014	3193	NC0748-135	50.2	SM2914	0.322		1515+08.6		151508.6	8 IN	X56	XR	48.459923	103.447634	2268.00	2262.50	5.50	FBE	50.4	50.2	NB6549-15F	NC0748-136		
3/4/2014	3194	NB6549-15F	50.4	SM2915	0.322		1515+58.9		151558.9	8 IN	X56	XR	48.459922	103.447426	2269.20	2263.50	5.70	FBE	50.3	50.2	NB6550-2F	NC0748-135		
3/4/2014	3195	NB6550-2F	50.3	SM2916	0.322		1516+09.3		151609.3	8 IN	X56	XR	48.459923	103.447219	2270.10	2264.40	5.70	FBE	50.2	50.4	NB6551-3F	NB6549-15F		
3/4/2014	3196	NB6551-3F	50.2	SM2917	0.322		1516+59.5		151659.5	8 IN	X56	XR	48.459922	103.447012	2270.00	2264.40	5.60	FBE	50.3	50.3	SC1210-157	NB6550-2F		
3/4/2014	3197	SC1210-157	50.3	SM2918	0.322		1517+09.8		151709.8	8 IN	X56	XR	48.459921	103.446805	2270.30	2264.80	5.50	FBE	50.3	50.2	SC1210-157	NB6551-3F		
3/4/2014	3198	SC1210-157	50.3	SM2919	0.322		1517+60.0		151760.0	8 IN	X56	XR	48.459920	103.446597	2270.00	2264.50	5.50	FBE	50.2	50.3	NC0748-135	SC1210-157		
3/4/2014	3199	NC0748-135	50.2	SM2920	0.322		1518+10.2		151810.2	8 IN	X56	XR	48.459919	103.446391	2269.40	2263.80	5.60	FBE	50.4	50.3	NB6549-7F	SC1210-157		
3/4/2014	3200	NB6549-7F	50.4	SM2921	0.322		1518+60.6		151860.6	8 IN	X56	XR	48.459919	103.446183	2268.60	2263.10	5.50	FBE	50.2	50.2	NB6550-6F	NC0748-135		
3/4/2014	3201	NB6550-6F	50.2	SM2922	0.322		1519+10.8		151910.8	8 IN	X56	XR	48.459919	103.445976	2267.00	2262.30	4.70	FBE	50.2	50.4	NB6549-8F	NB6549-7F		
3/4/2014	3202	NB6549-8F	50.2	SM2923	0.322		1519+61.0		151961.0	8 IN	X56	XR	48.459919	103.445769	2267.40	2261.80	5.60	FBE	50.3	50.2	NB6549-16F	NB6550-6F		
3/4/2014	3203	NB6549-16F	50.3	SM2924	0.322		1520+11.3		152011.3	8 IN	X56	XR	48.459922	103.445562	2266.10	2261.40	4.70	FBE	50.2	50.2	NB6550-19F	NB6549-8F		
3/4/2014	3204	NB6550-19F	50.2	SM2925	0.322		1520+61.5		152061.5	8 IN	X56	XR	48.459922	103.445355	2265.90	2260.90	5.00	FBE	49.7	50.3	NB6550-18F	NB6549-16F		
3/4/2014	3205	NB6550-18F	49.7	SM2926	0.322		1521+11.3		152111.3	8 IN	X56	XR	48.459922	103.445150	2266.40	2261.00	5.40	FBE	50.2	50.2	NB6550-6F	NB6550-19F		
3/4/2014	3206	NB6550-6F	50.2	SM2927	0.322		1521+61.5		152161.5	8 IN	X56	XR	48.459920	103.444943	2267.40	2262.10	5.30	FBE	50.4	49.7	NB6551-3F	NB6550-18F		
3/4/2014	3207	NB6551-3F	50.4	SM2928	0.322		1522+11.9		152211.9	8 IN	X56	XR	48.459919	103.444736	2269.60	2264.10	5.50	FBE	50.2	50.2	NB6549-8F	NB6550-6F		
3/4/2014	3208	NB6549-8F	50.2	SM2929	0.322		1522+62.1		152262.1	8 IN	X56	XR	48.459918	103.444529	2270.40	2265.10	5.30	FBE	49.4	50.4	NB6550-17F	NB6551-3F		
3/4/2014	3209	NB6550-17F	49.4	SM2930	0.322		1523+11.5		152311.5	8 IN	X56	XR	48.459917	103.444325	2270.50	2265.10	5.40	FBE	50.3	50.2	NB6550-6F	NB6549-8F		
3/4/2014	3210	NB6550-6F	50.3	SM2931	0.322		1523+61.8		152361.8	8 IN	X56	XR	48.459916	103.444118	2271.50	2266.00	5.50	FBE	50.2	49.4	NB6549-9F	NB6550-17F		
3/4/2014	3211	NB6549-9F	50.2	SM2932	0.322		1524+12.0		152412.0	8 IN	X56	XR	48.459916	103.443911	2274.10	2268.60	5.50	FBE	50.2	50.3	NB6549-7F	NB6550-6F		
3/4/2014	3212	NB6549-7F	50.2	SM2933	0.322		1524+62.2		152462.2	8 IN	X56	XR	48.459916	103.443704	2274.20	2270.10	4.10	FBE	50.1	50.2	NB6549-13F	NB6549-9F		
3/4/2014	3213	NB6549-13F	50.1	SM2934	0.322		1525+12.3		152512.3	8 IN	X56	XR	48.459916	103.443498	2274.80	2269.40	5.40	FBE	50.2	50.2	NB6550-14F	NB6549-7F		
3/4/2014	3214	NB6550-14F	50.2	SM2935	0.322		1525+62.5		152562.5	8 IN	X56	XR	48.459916	103.443291	2274.90	2269.70	5.20	FBE	49.6	50.1	NB6550-14F	NB6549-13F		
3/4/2014	3215	NB6550-14F	49.6	SM2936	0.322		1526+12.1		152612.1	8 IN	X56	XR	48.459915	103.443087	2274.10	2268.40	5.70	FBE	50.5	50.2	NB6551-3F	NB6550-14F		
3/4/2014	3216	NB6551-3F	50.5	SM2937	0.322		1526+62.6		152662.6	8 IN	X56	XR	48.459915	103.442879	2272.50	2267.00	5.50	FBE	50.1	49.6	NB6549-15F	NB6550-14F		
3/4/2014	3217	NB6549-15F	50.1	SM2938	0.322		1527+12.7		152712.7	8 IN	X56	XR	48.459914	103.442672	2271.10	2265.60	5.50	FBE	50.2	50.5	NB6549-15F	NB6551-3F		
3/4/2014	3218	NB6549-15F	50.2	SM2939	0.322		1527+63.0		152763.0	8 IN	X56	XR	48.459913	103.442465	2269.70	2264.10	5.60	FBE	50.1	50.1	NB6549-16F	NB6549-15F		
3/4/2014	3219	NB6549-16F	50.1	SM2940	0.322		1528+13.0		152813.0	8 IN	X56	XR	48.459912	103.442259	2268.90	2263.40	5.50	FBE	50.1	50.2	NB6549-16F	NB6549-15F		
3/4/2014	3220	NB6549-16F	50.1	SM2941	0.322		1528+63.1		152863.1	8 IN	X56	XR	48.459910	103.442052	2268.50	2262.80	5.70	FBE	49.7	50.1	NC0749-162	NB6549-16F		
3/4/2014	3221	NC0749-162	49.7	SM2942	0.322		1529+12.8		152912.8	8 IN	X56	XR	48.459908	103.441848	2266.30	2261.20	5.10	FBE	50.3	50.1	NB6549-9F	NB6549-16F		
3/4/2014	3222	NB6549-9F	50.3	SM2943	0.322		1529+63.1		152963.1	8 IN	X56	XR	48.459906	103.441640	2266.80	2260.30	6.50	FBE	49.7	49.7	NB6550-14F	NC0749-162		
3/4/2014	3223	NB6550-14F	49.7	SM2944	0.322		1530+12.8		153012.8	8 IN	X56	XR	48.459906	103.441436	2265.40	2260.00	5.40	FBE	50.1	50.3	NB6550-14F	NB6549-9F		
3/4/2014	3224	NB6550-14F	50.1	SM2945	0.322		1530+62.9		153062.9	8 IN	X56	XR	48.459906	103.441229	2265.80	2260.30	5.50	FBE	50.4	49.7	NB6550-1F	NB6550-14F		
3/4/2014	3225	NB6550-1F	50.4	SM2946	0.322		1531+13.3		153113.3	8 IN	X56	XR	48.459906	103.441022	2266.30	2260.80	5.50	FBE	50.2	50.1	NB6550-1F	NB6550-14F		
3/4/2014	3226	NB6550-1F	50.2	SM2947	0.322		1531+63.5		153163.5	8 IN	X56	XR	48.459905	103.440815	2266.80	2261.20	5.60	FBE	50.3	50.4	NB6549-8F	NB6550-1F		
3/4/2014	3227	NB6549-8F	50.3	SM2948	0.322		1532+13.8		153213.8	8 IN	X56	XR	48.459905	103.440607	2268.00	2262.30	5.70	FBE	49.8	50.2	NB6549-13F	NB6550-1F		
3/4/2014	3228	NB6549-13F	49.8	SM2949	0.322		1532+63.7		153263.7	8 IN	X56	XR	48.459905	103.440402	2269.40	2263.70	5.70	FBE	50.3	50.3	NB6549-8F	NB6549-8F		
3/4/2014	3229	NB6549-8F	50.3	SM2950	0.322		1533+13.9		153313.9	8 IN	X56	XR	48.459906	103.440195	2272.60	2266.10	6.50	FBE	50.4	49.8	NB6549-8F	NB6549-13F		
3/4/2014	3230	NB6549-8F	50.4	SM2951	0.322		1533+64.3		153364.3	8 IN	X56	XR	48.459907	103.439988	2273.50	2267.90	5.60	FBE	50.3	50.3	NB6549-15F	NB6549-8F		
3/4/2014	3231	NB6549-15F	50.3	SM2952	0.322		1534+14.6		153414.6	8 IN	X56	XR	48.459907	103.439781	2274.30	2268.50	5.80	FBE	50.2	50.4	NB6550-18F	NB6549-8F		
3/4/2014	3232	NB6550-18F	50.2	SM2953	0.322		1534+64.8		153464.8	8 IN	X56	XR	48.459906	103.439574	2274.70	2269.00	5.70	FBE	50.1	50.3	NB6550-12F	NB6549-15F		
3/4/2014	3233	NB6550-12F	50.1	SM2954	0.322		1535+14.9		153514.9	8 IN	X56	XR	48.459906	103.439367	2274.50	2269.30	5.20	FBE	38.6	50.2	NB6551-11F	NB6550-18F		
3/4/2014	3234	NB6551-11F	38.6	SM2955	0.322		1535+53.5		153553.5	8 IN	X56	XR	48.459906	103.439208	2275.10	2269.90	5.20	FBE	49.8	50.1	NB6549-8F	NB6550-12F		
3/4/2014	3235	NB6549-8F	49.8	SM2956	0.322		1536+03.3		153603.3	8 IN	X56	XR	48.459906	103.439003	2275.80	2270.50	5.30	FBE	50.2	38.6	NB6549-8F	NB6551-11F		
3/4/2014	3236	NB6549-8F	50.2	SM2957	0.322		1536+53.5		153653.5	8 IN	X56	XR	48.459906	103.438796	2276.30	2271.20	5.10	FBE	50.3	49.8	NB6550-6F	NB6549-8F		
3/4/2014	3237	NB6550-6F	50.3	SM2958	0.322		1537+03.8		153703.8	8 IN	X56	XR	48.459905	103.438589	2276.70	2271.40	5.30	FBE	50.2	50.2	NB6549-16F	NB6549-8F		
3/4/2014	3238	NB6549-16F	50.2	SM2959	0.322		1537+54.0		153754.0	8 IN	X56	XR	48.459906	103.438382	2277.00	2271.70	5.30	FBE	50.4	50.3	NB6549-8F	NB6550-6F		
3/4/2014	3239	NB6549-8F	50.4	SM2960	0.322		1538+04.3		153804.3	8 IN	X56	XR	48.459905	103.438174	2277.60	2272.30	5.30	FBE	50.3	50.2	NB6551-3F	NB6549-16F		
3/4/2014	3240	NB6551-3F	50.3	SM2961	0.322		1538+54.7		153854.7	8 IN	X56	XR	48.459904	103.437967	2277.50	2272.80	4.70	FBE	50.2	50.4	NB6549-15F	NB6549-8F		
3/4/2014	3241	NB6549-15F	50.2	SM2962	0.322		1539+04.9		153904.9	8 IN	X56	XR	48.459903	103.437760	2279.20	2273.70	5.50	FBE	50.3	50.3	NB6549-9F	NB6551-3F		
3/4/2014	3242	NB6549-9F	50.3	SM2963	0.322		1539+55.1		153955.1	8 IN	X56	XR	48.459903	103.437553	2280.80	2275.80	5.00	FBE	49.9	50.2	NB6549-9F	NB6549-15F		
3/4/2014	3243	NB6549-9F	49.9	SM2964	0.322		1540+05.0		154005.0	8 IN	X56	XR	48.459905	103.437347	2282.70	2277.60	5.10	FBE	50.3	50.3	NB6549-16F	NB6549-9F		
3/4/2014	3244	NB6549-16F	50.3	SM2965	0.322		1540+55.3		154055.3	8 IN	X56	XR	48.459907	103.437140	2283.00	2277.60	5.40	FBE	50.2	49.9	NB6549-13F	NB6549-9F		
3/4/2014	3245	NB6549-13F	50.2	SM2966	0.322		1541+05.5		154105.5	8 IN	X56	XR	48.459907	103.436934	2281.90	2276.80	5.10	FBE	50.2	50.3	NB6550-17F	NB6549-16F		
3/4/2014	3246	NB6550-17F	50.2	SM2967	0.322		1541+55.7		154155.7	8 IN	X56	XR	48.459906	103.436727	2280.80	2275.20	5.60	FBE	49.8	50.2	NB6550-17F	NB6549-13F		
3/4/2014	3247	NB6550-17F	49.8	SM2968	0.322		1542+05.5		154205.5	8 IN	X56	XR	48.459905	103.436521	2280.00	2273.60	6.40	FBE	50.2	50.2	NB6550-6F	NB6550-17F		
3/4/2014	3248	NB6550-6F	50.2	SM2969	0.322		1542+55.7		154255.7	8 IN	X56	XR	48.459904	103.436315	2278.20	2273.00	5.20	FBE	50.2	49.8	NC0748-136	NB6550-17F		
3/4/2014	3249	NC0748-136	50.2	SM2972	0.322		1543+05.9		154305.9	8 IN	X56	XR	48.459902	103.436108	2278.20	2273.10	5.10	FBE	50.0	50.2	NB6550-6F	NB6550-6F		
3/4/2014	3250	NB6550-6F	50.0	SM2973	0.322		1543+55.9		154355.9	8 IN	X56	XR	48.459900	103.435902	2279.10	2273.70	5.40	FBE	50.4	50.2	NC0745-135	NC0748-136		
3/4/2014	3251	NC0745-135	50.4	SM2974	0.322		1544+06.3		154406.3	8 IN	X56	XR	48.459900	103.435694	2280.70	2274.80	5.90	FBE	50.3	50.0	NB6549-5F	NB6550-6F		
3/4/2014	3252	NB6549-5F	50.3	SM2975	0.322		1544+56.6		154456.6	8 IN	X56	XR	48.459901	103.435487	2281.20	2275.90	5.30	FBE	50.3	50.4	NB6550-18F	NC0745-135		
3/4/2014	3253	NB6550-18F	50.3	SM2976	0.322		1545+06.8		154506.8	8 IN	X56	XR	48.459902	103.435280	2282.10	2276.40	5.70	FBE	50.3	50.3	NB6550-17F	NB6549-5F		
3/4/2014	3254	NB6550-17F	50.3	SM2977	0.322		1545+57.1		154557.1	8 IN	X56	XR	48.459902	103.435073	2281.40	2275.80	5.60	FBE	50.3	50.3	NB6550-17F	NB6550-18F		
3/4/2014	3255	NB6550-17F	50.3	SM2978	0.322		1546+07.3		154607.3	8 IN	X56	XR	48.459902	103.434866	2280.70	2275.20	5.50	FBE	50.3	50.3	NB6549-7F	NB6550-17F		
3/4/2014	3256	NB6549-7F	50.3	SM2979	0.322		1546+57.6		154657.6	8 IN	X56	XR	48.459902	103.434658	2280.00	2274.70	5.30	FBE	50.3	50.3	NB6549-7F	NB6550-17F		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 222	SHEET No. 122 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3257	NB6549-7F	50.3	SM2980	0.322		1547+07.9		154707.9	8 IN	X56	XR	48.459900	103.434451	2279.80	2274.90	4.90	FBE	50.3	50.3	NB6549-15F	NB6549-7F		
3/4/2014	3258	NB6549-15F	50.3	SM2981	0.322		1547+58.2		154758.2	8 IN	X56	XR	48.459898	103.434244	2280.50	2275.70	4.80	FBE	50.2	50.3	NB6550-14F	NB6549-7F		
3/4/2014	3259	NB6550-14F	50.2	SM2982	0.322		1548+08.4		154808.4	8 IN	X56	XR	48.459896	103.434037	2281.70	2276.50	5.20	FBE	48.2	50.3	NB6549-8F	NB6549-15F		
3/4/2014	3260	NB6549-8F	48.2	SM2983	0.322		1548+56.6		154856.6	8 IN	X56	XR	48.459895	103.433839	2283.40	2278.00	5.40	FBE	50.2	50.2	NB6550-1F	NB6550-14F		
3/4/2014	3261	NB6550-1F	50.2	SM2984	0.322		1549+06.8		154906.8	8 IN	X56	XR	48.459895	103.433632	2286.30	2281.70	4.60	FBE	50.2	48.2	NB6550-18F	NB6549-8F		
3/4/2014	3262	NB6550-18F	50.2	SM2985	0.322		1549+57.0		154957.0	8 IN	X56	XR	48.459895	103.433426	2289.20	2284.50	4.70	FBE	50.2	50.2	NB6549-13F	NB6550-1F		
3/4/2014	3263	NB6549-13F	50.2	SM2986	0.322		1550+07.3		155007.3	8 IN	X56	XR	48.459894	103.433219	2290.90	2285.50	5.40	FBE	50.3	50.2	NB6549-7F	NB6550-18F		
3/4/2014	3264	NB6549-7F	50.3	SM2987	0.322		1550+57.6		155057.6	8 IN	X56	XR	48.459893	103.433011	2290.20	2284.60	5.60	FBE	50.2	50.2	NB6549-7F	NB6549-13F		
3/4/2014	3265	NB6549-7F	50.2	SM2988	0.322		1551+07.7		155107.7	8 IN	X56	XR	48.459892	103.432805	2288.60	2283.20	5.40	FBE	50.2	50.3	NB6549-16F	NB6549-7F		
3/4/2014	3266	NB6549-16F	50.2	SM2989	0.322		1551+58.0		155158.0	8 IN	X56	XR	48.459891	103.432598	2286.80	2281.40	5.40	FBE	50.3	50.2	NB6549-8F	NB6549-8F		
3/4/2014	3267	NB6549-8F	50.3	SM2990	0.322		1552+08.3		155208.3	8 IN	X56	XR	48.459890	103.432390	2285.50	2280.30	5.20	FBE	44.6	50.2	NB6550-12F	NB6549-16F		
3/4/2014	3268	NB6550-12F	44.6	SM2991	0.322		1552+52.9		155252.9	8 IN	X56	XR	48.459890	103.432207	2285.10	2279.70	5.40	FBE	49.6	50.3	NB6551-11F	NB6549-8F		
3/4/2014	3269	NB6551-11F	49.6	SM2992	0.322		1553+02.4		155302.4	8 IN	X56	XR	48.459890	103.432003	2284.70	2279.70	5.00	FBE	50.2	44.6	NB6549-8F	NB6550-12F		
3/4/2014	3270	NB6549-8F	50.2	SM2993	0.322		1553+52.6		155352.6	8 IN	X56	XR	48.459890	103.431796	2284.40	2280.00	4.40	FBE	50.3	49.6	NB6550-12F	NB6551-11F		
3/4/2014	3271	NB6550-12F	50.3	SM2994	0.322		1554+02.9		155402.9	8 IN	X56	XR	48.459888	103.431588	2285.20	2279.90	5.30	FBE	50.3	50.2	NB6550-17F	NB6549-8F		
3/4/2014	3272	NB6550-17F	50.3	SM2995	0.322		1554+53.1		155453.1	8 IN	X56	XR	48.459886	103.431381	2285.10	2279.70	5.40	FBE	50.2	50.3	NB6549-9F	NB6550-12F		
3/4/2014	3273	NB6549-9F	50.2	SM2996	0.322		1555+03.3		155503.3	8 IN	X56	XR	48.459886	103.431175	2284.20	2278.80	5.40	FBE	50.2	50.3	NB6550-12F	NB6550-17F		
3/4/2014	3274	NB6550-12F	50.2	SM2997	0.322		1555+53.6		155553.6	8 IN	X56	XR	48.459887	103.430968	2284.50	2278.30	6.20	FBE	50.2	50.2	NB6549-16F	NB6549-9F		
3/4/2014	3275	NB6549-16F	50.2	SM2998	0.322		1556+03.8		155603.8	8 IN	X56	XR	48.459887	103.430761	2284.00	2277.90	6.10	FBE	50.1	50.2	NB6549-15F	NB6550-12F		
3/4/2014	3276	NB6549-15F	50.1	SM2999	0.322		1556+53.9		155653.9	8 IN	X56	XR	48.459888	103.430554	2284.00	2278.30	5.70	FBE	50.2	50.2	NB6549-9F	NB6549-16F		
3/4/2014	3277	NB6549-9F	50.2	SM3000	0.322		1557+04.1		155704.1	8 IN	X56	XR	48.459888	103.430347	2284.10	2278.90	5.20	FBE	50.4	50.1	NB6550-17F	NB6549-15F		
3/4/2014	3278	NB6550-17F	50.4	SM3001	0.322		1557+54.5		155754.5	8 IN	X56	XR	48.459888	103.430139	2284.50	2279.10	5.40	FBE	50.2	50.2	NB6551-11F	NB6549-9F		
3/4/2014	3279	NB6551-11F	50.2	SM3002	0.322		1558+04.7		155804.7	8 IN	X56	XR	48.459887	103.429932	2284.00	2278.50	5.50	FBE	49.8	50.4	NB6550-6F	NB6550-17F		
3/4/2014	3280	NB6550-6F	49.8	SM3003	0.322		1558+54.5		155854.5	8 IN	X56	XR	48.459886	103.429727	2284.00	2278.50	5.50	FBE	50.1	50.2	NB6550-6F	NB6551-11F		
3/4/2014	3281	NB6550-6F	50.1	SM3004	0.322		1559+04.6		155904.6	8 IN	X56	XR	48.459886	103.429521	2284.10	2278.70	5.40	FBE	50.2	49.8	NB6549-13F	NB6550-6F		
3/4/2014	3282	NB6549-13F	50.2	SM3005	0.322		1559+54.8		155954.8	8 IN	X56	XR	48.459886	103.429314	2283.40	2278.40	5.00	FBE	50.3	50.1	NB-6551-11F	NB6550-6F		
3/4/2014	3283	NB-6551-11F	50.3	SM3006	0.322		1560+05.1		156005.1	8 IN	X56	XR	48.459884	103.429107	2282.90	2277.90	5.00	FBE	50.3	50.2	NB6550-12F	NB6549-13F		
3/4/2014	3284	NB6550-12F	50.3	SMT364	0.322		1560+55.4		156055.4	8 IN	X56	XR	48.459885	103.428899	2282.90	2277.90	5.00	FBE	13.0	50.3	NB6549-7F	NB-6551-11F		
3/4/2014	3285	NB6549-7F	13.0	SMT365	0.322		1560+68.3	P.I. < 15°00'06" RT.	156068.3	8 IN	X56	XR	48.459885	103.428846	2282.60	2277.70	4.90	FBE	9.3	50.3	C30174	NB6550-12F		
3/4/2014	F45	C30174	9.3	SMT366	0.322	FACTORY BEND	1560+77.6	P.I. < 14°23'29" RT.	156077.6	8 IN	X56	XR	48.459870	103.428822	2282.20	2277.00	5.20	FBE	19.1	13.0	NB6549-7F	NB6549-7F		
3/4/2014	3285A	NB6549-7F	19.1	SMT367	0.322		1560+96.7		156096.7	8 IN	X56	XR	48.459817	103.428822	2282.20	2275.10	7.10	FBE	41.2	9.3	D48765	C30174		
3/4/2014	3286BR	D48765	41.2	SMB291		CALCULATED BORE	1561+37.9		156137.9		X56	XR	48.459707	103.428824	2283.20	2266.30	16.90	ARO	41.2	19.1	D48763	NB6549-7F		NOTE 1
3/4/2014	3287BR	D48763	41.2	SMB292		CALCULATED BORE	1561+79.1		156179.1		X56	XR	48.459595	103.428826	2285.06	2261.94	23.12	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3288BR	D48765	41.2	SMB293		CALCULATED BORE	1562+20.3		156220.3		X56	XR	48.459482	103.428828	2284.32	2262.06	22.26	ARO	40.7	41.2	D48763	D48763		NOTE 1
3/4/2014	3289BR	D48763	40.7	SMB294		CALCULATED BORE	1562+61.0		156261.0		X56	XR	48.459371	103.428830	2283.80	2266.58	17.22	ARO	43.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3290BR	D48763	43.2	SMT371	0.322		1563+04.1		156304.1	8 IN	X56	XR	48.459256	103.428832	2282.20	2276.10	6.10	ARO	43.2	40.7	NB6550-12F	D48763		
3/4/2014	3291	NB6550-12F	43.2	SMT372	0.322		1563+47.3		156347.3	8 IN	X56	XR	48.459137	103.428832	2281.00	2276.50	4.50	FBE	50.1	43.2	NB6550-12F	D48763		
3/4/2014	3292	NB6550-12F	50.1	SM3007	0.322		1563+97.4		156397.4	8 IN	X56	XR	48.459000	103.428830	2279.90	2275.20	4.70	FBE	50.0	43.2	NB6549-20F	NB6550-12F		
3/4/2014	3293	NB6549-20F	50.0	SM3008	0.322		1564+47.4		156447.4	8 IN	X56	XR	48.458863	103.428830	2279.10	2274.60	4.50	FBE	50.2	50.1	NB6550-6F	NB6550-12F		
3/4/2014	3294	NB6550-6F	50.2	SM3009	0.322		1564+97.6		156497.6	8 IN	X56	XR	48.458725	103.428833	2278.70	2274.40	4.30	FBE	49.9	50.0	NB6550-12F	NB6549-20F		
3/4/2014	3295	NB6550-12F	49.9	SM3010	0.322		1565+47.5		156547.5	8 IN	X56	XR	48.458589	103.428833	2278.30	2274.20	4.10	FBE	50.2	50.2	NB65419-20F	NB6550-6F		
3/4/2014	3296	NB65419-20F	50.2	SM3011	0.322		1565+97.8		156597.8	8 IN	X56	XR	48.458451	103.428833	2277.40	2272.80	4.60	FBE	50.1	49.9	NB6550-19F	NB6550-12F		
3/4/2014	3297	NB6550-19F	50.1	SM3012	0.322		1566+47.9		156647.9	8 IN	X56	XR	48.458314	103.428834	2276.30	2271.10	5.20	FBE	50.0	50.2	NB6550-19F	NB65419-20F		
3/4/2014	3298	NB6550-19F	50.0	SM3013	0.322		1566+97.9		156697.9	8 IN	X56	XR	48.458177	103.428838	2275.40	2270.00	5.40	FBE	50.4	50.1	NB6550-2F	NB6550-19F		
3/4/2014	3299	NB6550-2F	50.4	SM3014	0.322		1567+48.3		156748.3	8 IN	X56	XR	48.458039	103.428841	2274.10	2268.80	5.30	FBE	50.3	50.0	NB6550-2F	NB6550-19F		
3/4/2014	3300	NB6550-2F	50.3	SM3015	0.322		1567+98.6		156798.6	8 IN	X56	XR	48.457901	103.428839	2273.30	2267.60	5.70	FBE	50.0	50.4	NB6549-15F	NB6550-2F		
3/4/2014	3301	NB6549-15F	50.0	SM3016	0.322		1568+48.6		156848.6	8 IN	X56	XR	48.457764	103.428837	2272.70	2267.20	5.50	FBE	50.2	50.3	NB6550-1F	NB6550-2F		
3/4/2014	3302	NB6550-1F	50.2	SM3017	0.322		1568+98.8		156898.8	8 IN	X56	XR	48.457626	103.428837	2272.40	2266.90	5.50	FBE	50.0	50.0	NB6550-2F	NB6549-15F		
3/4/2014	3303	NB6550-2F	50.0	SM3018	0.322		1569+48.8		156948.8	8 IN	X56	XR	48.457489	103.428838	2273.00	2266.30	6.70	FBE	50.3	50.2	NB6550-2F	NB6550-1F		
3/4/2014	3304	NB6550-2F	50.3	SM3019	0.322		1569+99.1		156999.1	8 IN	X56	XR	48.457351	103.428839	2271.40	2265.80	5.60	FBE	50.3	50.0	NB6549-15F	NB6550-2F		
3/4/2014	3305	NB6549-15F	50.3	SM3020	0.322		1570+49.4		157049.4	8 IN	X56	XR	48.457213	103.428840	2271.30	2265.70	5.60	FBE	49.6	50.3	NB6549-15F	NB6550-2F		
3/4/2014	3306	NB6549-15F	49.6	SM3021	0.322		1570+99.0		157099.0	8 IN	X56	XR	48.457077	103.428840	2271.80	2266.30	5.50	FBE	50.2	50.3	NB6550-14F	NB6549-15F		
3/4/2014	3307	NB6550-14F	50.2	SM3022	0.322		1571+49.1		157149.1	8 IN	X56	XR	48.456940	103.428841	2274.30	2267.50	6.80	FBE	50.2	49.6	NB6549-9F	NB6549-15F		
3/4/2014	3308	NB6549-9F	50.2	SM3023	0.322		1571+99.4		157199.4	8 IN	X56	XR	48.456802	103.428842	2274.30	2268.50	5.80	FBE	50.4	50.2	NB6549-20F	NB6550-14F		
3/4/2014	3309	NB6549-20F	50.4	SM3024	0.322		1572+49.7		157249.7	8 IN	X56	XR	48.456664	103.428842	2275.00	2269.30	5.70	FBE	49.9	50.2	NB6550-1F	NB6549-9F		
3/4/2014	3310	NB6550-1F	49.9	SM3025	0.322		1572+99.6		157299.6	8 IN	X56	XR	48.456527	103.428844	2274.90	2269.30	5.60	FBE	47.3	50.4	NB6550-1F	NB6549-20F		
3/4/2014	3311	NB6550-1F	47.3	SM3026	0.322		1573+47.0		157347.0	8 IN	X56	XR	48.456398	103.428842	2274.30	2269.30	5.00	FBE	50.7	49.9	NB6550-18F	NB6550-1F		
3/4/2014	3312	NB6550-18F	50.7	SM3027	0.322		1573+97.6		157397.6	8 IN	X56	XR	48.456259	103.428839	2273.40	2268.20	5.20	FBE	49.7	47.3	NB6550-19H	NB6550-1F		
3/4/2014	3313	NB6550-19H	49.7	SM3028	0.322		1574+47.3		157447.3	8 IN	X56	XR	48.456123	103.428840	2271.50	2266.20	5.30	FBE	50.4	50.7	NB6550-17F	NB6550-18F		
3/4/2014	3314	NB6550-17F	50.4	SM3029	0.322		1574+97.7		157497.7	8 IN	X56	XR	48.455985	103.428842	2269.40	2264.10	5.30	FBE	50.1	49.7	NB6549-20F	NB6550-19H		
3/4/2014	3315	NB6549-20F	50.1	SM3030	0.322		1575+47.8		157547.8	8 IN	X56	XR	48.455848	103.428845	2267.10	2261.90	5.20	FBE	50.3	50.4	NB6550-12F	NB6550-17F		
3/4/2014	3316	NB6550-12F	50.3	SM3031	0.322		1575+98.1		157598.1	8 IN	X56	XR	48.455710	103.428848	2265.50	2260.50	5.00	FBE	31.0	50.1	NB6550-19F	NB6549-20F		
3/4/2014	3317	NB6550-19F	31.0	SM3032	0.322		1576+29.1		157629.1	8 IN	X56	XR	48.455625	103.428849	2264.70	2259.40	5.30	FBE	33.0	50.3	NB6549-5F	NB6550-12F		
3/4/2014	3318	NB6549-5F	33.0	SM3033	0.322		1576+62.1		157662.1	8 IN	X56	XR	48.455534	103.428851	2263.90	2258.60	5.30	FBE	50.2	31.0	NB6550-19F	NB6550-19F		
3/4/2014	3319	NB6550-19F	50.2	SM3034	0.322		1577+12.3		157712.3	8 IN	X56	XR	48.455397	103.428851	2263.90	2258.80	5.10	FBE	50.2	33.0	NB6549-15F	NB6549-5F		
3/4/2014	3320	NB6549-15F	50.2	SM3035	0.322		1577+62.5		157762.5	8 IN	X56	XR	48.455259	103.428851	2263.80	2259.00	4.80	FBE	49.9	50.2	NB6549-15F	NB6550-19F		
3/4/2014	3321	NB6549-15F	49.9	SM3036	0.322		1578+12.4		157812.4	8 IN	X56	XR	48.455122	103.428852	2263.30	2258.50	4.80	FBE	50.2	50.2	NB6549-5F	NB6549-15F		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 223	SHEET No. 123 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3322	NB6549-5F	50.2	SM3037	0.322		1578+62.6		157862.6	8 IN	X56	XR	48.454985	103.428851	2264.30	2259.50	4.80	FBE	50.0	49.9	NB6549-16F	NB6549-15F		
3/4/2014	3323	NB6549-16F	50.0	SM3038	0.322		1579+12.6		157912.6	8 IN	X56	XR	48.454848	103.428851	2265.40	2260.40	5.00	FBE	49.2	50.2	NB6551-3F	NB6549-5F		
3/4/2014	3324	NB6551-3F	49.2	SM3039	0.322		1579+61.8		157961.8	8 IN	X56	XR	48.454713	103.428850	2265.70	2260.70	5.00	FBE	50.3	50.0	NB6550-18F	NB6549-16F		
3/4/2014	3325	NB6550-18F	50.3	SM3040	0.322		1580+12.1		158012.1	8 IN	X56	XR	48.454575	103.428850	2266.20	2261.10	5.10	FBE	50.2	49.2	NB6550-18F	NB6551-3F		
3/4/2014	3326	NB6550-18F	50.2	SM3041	0.322		1580+62.2		158062.2	8 IN	X56	XR	48.454438	103.428852	2266.70	2261.60	5.10	FBE	50.3	50.3	NB6550-19F	NB6550-18F		
3/4/2014	3327	NB6550-19F	50.3	SM3042	0.322		1581+12.5		158112.5	8 IN	X56	XR	48.454300	103.428854	2266.90	2261.50	5.40	FBE	50.2	50.2	NB6550-19F	NB6550-18F		
3/4/2014	3328	NB6550-19F	50.2	SM3043	0.322		1581+62.8		158162.8	8 IN	X56	XR	48.454162	103.428853	2268.10	2261.30	6.80	FBE	50.0	50.3	NB6550-19F	NB6550-19F		
3/4/2014	3329	NB6550-19F	50.0	SM3044	0.322		1582+12.8		158212.8	8 IN	X56	XR	48.454025	103.428854	2266.50	2261.40	5.10	FBE	42.8	50.2	NB6550-18F	NB6550-19F		
3/4/2014	3330	NB6550-18F	42.8	SM3045	0.322		1582+55.6		158255.6	8 IN	X56	XR	48.453908	103.428855	2266.50	2261.60	4.90	FBE	50.2	50.0	NB6550-19F	NB6550-19F		
3/4/2014	3331	NB6550-19F	50.2	SM3046	0.322		1583+05.8		158305.8	8 IN	X56	XR	48.453770	103.428858	2266.90	2262.00	4.90	FBE	49.8	42.8	NB6550-1F	NB6550-18F		
3/4/2014	3332	NB6550-1F	49.8	SM3047	0.322		1583+55.5		158355.5	8 IN	X56	XR	48.453634	103.428859	2268.10	2263.10	5.00	FBE	50.1	50.2	NB6549-20F	NB6550-19F		
3/4/2014	3333	NB6549-20F	50.1	SM3048	0.322		1584+05.6		158405.6	8 IN	X56	XR	48.453496	103.428859	2269.30	2264.30	5.00	FBE	50.2	49.8	NB6549-9F	NB6550-1F		
3/4/2014	3334	NB6549-9F	50.2	SM3049	0.322		1584+55.9		158455.9	8 IN	X56	XR	48.453359	103.428860	2270.10	2265.20	4.90	FBE	49.5	50.1	NB6549-16F	NB6549-20F		
3/4/2014	3335	NB6549-16F	49.5	SM3050	0.322		1585+05.4		158505.4	8 IN	X56	XR	48.453223	103.428859	2271.10	2266.50	4.60	FBE	50.0	50.2	NB6550-14F	NB6549-9F		
3/4/2014	3336	NB6550-14F	50.0	SMT3051	0.322		1585+55.3		158555.3	8 IN	X56	XR	48.453086	103.428852	2274.90	2268.60	6.30	FBE	49.0	49.5	NB6550-10F	NB6549-16F		
3/4/2014	3337	NB6550-10F	49.0	SM3052	0.322		1586+04.3	P.I. < 4°54'04" RT.	158604.3	8 IN	X56	XR	48.452952	103.428845	2274.90	2269.60	5.30	FBE	49.9	50.0	NB6550-2F	NB6550-14F		
3/4/2014	3338	NB6550-2F	49.9	SMT373	0.322		1586+54.3		158654.3	8 IN	X56	XR	48.452816	103.428856	2275.00	2270.20	4.80	FBE	16.6	49.0	NB6550-17F	NB6550-10F		
3/4/2014	3339	NB6550-17F	16.6	SMT374	0.322		1586+70.9	P.I. < 3°57'27" LT.	158670.9	8 IN	X56	XR	48.452770	103.428861	2274.90	2269.60	5.30	FBE	40.4	49.9	D48463	NB6550-2F		
3/4/2014	3341BR	D48463	40.4	SMB295		CALCULATED BORE	1587+11.3		158711.3		X56	XR	48.452661	103.428862	2275.63	2262.18	13.45	ARO	41.2	16.6	D48463	NB6550-17F		NOTE 1
3/4/2014	3342BR	D48463	41.2	SMB296		CALCULATED BORE	1587+52.5		158752.5		X56	XR	48.452549	103.428863	2277.27	2257.17	20.10	ARO	41.2	40.4	D48463	D48463		NOTE 1
3/4/2014	3343BR	D48463	41.2	SMB297		CALCULATED BORE	1587+93.7		158793.7		X56	XR	48.452436	103.428863	2278.35	2254.77	23.58	ARO	41.2	41.2	D48765	D48463		NOTE 1
3/4/2014	3344BR	D48765	41.2	SMB298		CALCULATED BORE	1588+34.9		158834.9		X56	XR	48.452324	103.428864	2279.54	2254.98	24.56	ARO	41.2	41.2	D48765	D48463		NOTE 1
3/4/2014	3345BR	D48765	41.2	SMB299		CALCULATED BORE	1588+76.1		158876.1		X56	XR	48.452211	103.428865	2280.73	2257.81	22.92	ARO	41.2	41.2	D48463	D48765		NOTE 1
3/4/2014	3346BR	D48463	41.2	SMB300		CALCULATED BORE	1589+17.3		158917.3		X56	XR	48.452099	103.428865	2281.89	2263.24	18.65	ARO	40.7	41.2	D48765	D48765		NOTE 1
3/4/2014	3347BR	D48765	40.7	SMB301		CALCULATED BORE	1589+58.0		158958.0		X56	XR	48.451990	103.428866	2283.06	2271.15	11.91	ARO	29.4	41.2	D48765	D48463		NOTE 1
3/4/2014	3348BR	D48765	29.4	SMT375	0.322		1589+87.4		158987.4	8 IN	X56	XR	48.451911	103.428867	2283.60	2278.40	5.20	ARO	46.4	40.7	NB6550-12F	D48765		
3/4/2014	3349	NB6550-12F	46.4	SMT376	0.322		1590+33.7		159033.7	8 IN	X56	XR	48.451785	103.428867	2284.80	2280.60	4.20	FBE	49.6	29.4	NB6549-16FF	D48765		
3/4/2014	3350	NB6549-16FF	49.6	SM3087	0.322		1590+83.3		159083.3	8 IN	X56	XR	48.451649	103.428866	2285.30	2280.70	4.60	FBE	50.0	46.4	NB6551-11F	NB6550-12F		
3/4/2014	3351	NB6551-11F	50.0	SM3053	0.322		1591+33.4		159133.4	8 IN	X56	XR	48.451511	103.428864	2284.90	2280.00	4.90	FBE	50.2	49.6	NB6549-13F	NB6549-16FF		
3/4/2014	3352	NB6549-13F	50.2	SM3054	0.322		1591+83.6		159183.6	8 IN	X56	XR	48.451374	103.428864	2283.60	2278.70	4.90	FBE	50.3	50.0	NB6550-17F	NB6551-11F		
3/4/2014	3353	NB6550-17F	50.3	SM3055	0.322		1592+33.9		159233.9	8 IN	X56	XR	48.451236	103.428864	2282.10	2277.70	4.40	FBE	50.0	50.2	NB6549-20F	NB6549-13F		
3/4/2014	3354	NB6549-20F	50.0	SM3056	0.322		1592+83.9		159283.9	8 IN	X56	XR	48.451099	103.428866	2282.80	2278.20	4.60	FBE	50.5	50.3	NB6549-5F	NB6550-17F		
3/4/2014	3355	NB6549-5F	50.5	SM3057	0.322		1593+34.4		159334.4	8 IN	X56	XR	48.450961	103.428870	2284.20	2279.80	4.40	FBE	50.4	50.0	NB6550-4F	NB6549-20F		
3/4/2014	3356	NB6550-4F	50.4	SM3058	0.322		1593+84.8		159384.8	8 IN	X56	XR	48.450823	103.428872	2287.30	2282.50	4.80	FBE	49.7	50.5	NB6549-20F	NB6549-5F		
3/4/2014	3357	NB6549-20F	49.7	SM3059	0.322		1594+34.5		159434.5	8 IN	X56	XR	48.450687	103.428871	2289.30	2284.30	5.00	FBE	50.3	50.4	NB6550-4F	NB6550-4F		
3/4/2014	3358	NB6550-4F	50.3	SM3060	0.322		1594+84.8		159484.8	8 IN	X56	XR	48.450549	103.428872	2292.20	2287.30	4.90	FBE	50.3	49.7	NB6550-18F	NB6549-20F		
3/4/2014	3359	NB6550-18F	50.3	SM3061	0.322		1595+35.1		159535.1	8 IN	X56	XR	48.450411	103.428872	2295.20	2290.80	4.40	FBE	50.4	50.3	NB6550-10F	NB6550-4F		
3/4/2014	3360	NB6550-10F	50.4	SM3062	0.322		1595+85.5		159585.5	8 IN	X56	XR	48.450273	103.428873	2297.70	2292.90	4.80	FBE	37.9	50.3	NB6550-12F	NB6550-18F		
3/4/2014	3361	NB6550-12F	37.9	SM3063	0.322		1596+23.4		159623.4	8 IN	X56	XR	48.450169	103.428874	2298.90	2293.80	5.10	FBE	50.1	50.4	NB6549-13F	NB6550-10F		
3/4/2014	3362	NB6549-13F	50.1	SM3064	0.322		1596+73.5		159673.5	8 IN	X56	XR	48.450032	103.428875	2300.50	2295.60	4.90	FBE	50.1	37.9	NB6550-19F	NB6550-12F		
3/4/2014	3363	NB6550-19F	50.1	SM3065	0.322		1597+23.6		159723.6	8 IN	X56	XR	48.449895	103.428876	2302.60	2297.60	5.00	FBE	36.5	50.1	NB6550-10F	NB6549-13F		
3/4/2014	3364	NB6550-10F	36.5	SM3066	0.322		1597+60.1		159760.1	8 IN	X56	XR	48.449795	103.428875	2304.00	2298.90	5.10	FBE	50.5	50.1	NB6550-4F	NB6550-19F		
3/4/2014	3365	NB6550-4F	50.5	SM3067	0.322		1598+10.6		159810.6	8 IN	X56	XR	48.449657	103.428875	2305.60	2300.70	4.90	FBE	43.7	36.5	NB6549-15F	NB6550-10F		
3/4/2014	3366	NB6549-15F	43.7	SM3068	0.322		1598+54.3		159854.3	8 IN	X56	XR	48.449537	103.428876	2306.10	2301.30	4.80	FBE	50.2	50.5	NB6550-19F	NB6550-4F		
3/4/2014	3367	NB6550-19F	50.2	SM3069	0.322		1599+04.5		159904.5	8 IN	X56	XR	48.449399	103.428877	2306.50	2301.90	4.60	FBE	50.1	43.7	NB6550-18F	NB6549-15F		
3/4/2014	3368	NB6550-18F	50.1	SM3070	0.322		1599+54.6		159954.6	8 IN	X56	XR	48.449262	103.428877	2308.40	2303.50	4.90	FBE	50.4	50.2	NB6550-17F	NB6550-19F		
3/4/2014	3369	NB6550-17F	50.4	SM3071	0.322		1600+05.0		160005.0	8 IN	X56	XR	48.449124	103.428877	2310.60	2305.60	5.00	FBE	48.4	50.1	NB6549-5F	NB6550-18F		
3/4/2014	3370	NB6549-5F	48.4	SM3072	0.322		1600+53.4		160053.4	8 IN	X56	XR	48.448991	103.428876	2312.60	2307.60	5.00	FBE	50.1	50.4	NB6551-3F	NB6550-17F		
3/4/2014	3371	NB6551-3F	50.1	SM3073	0.322		1601+03.5		160103.5	8 IN	X56	XR	48.448854	103.428876	2314.60	2309.80	4.80	FBE	50.2	48.4	NB6550-17F	NB6549-5F		
3/4/2014	3372	NB6550-17F	50.2	SM3074	0.322		1601+53.7		160153.7	8 IN	X56	XR	48.448717	103.428878	2316.30	2311.20	5.10	FBE	50.0	50.1	NB6549-20F	NB6551-3F		
3/4/2014	3373	NB6549-20F	50.0	SM3075	0.322		1602+03.7		160203.7	8 IN	X56	XR	48.448579	103.428878	2317.50	2312.10	5.40	FBE	50.1	50.2	NB6549-20F	NB6550-17F		
3/4/2014	3374	NB6549-20F	50.1	SM3076	0.322		1602+53.8		160253.8	8 IN	X56	XR	48.448442	103.428880	2318.10	2313.20	4.90	FBE	50.2	50.0	NB6550-19F	NB6549-20F		
3/4/2014	3375	NB6550-19F	50.2	SM3077	0.322		1603+04.0		160304.0	8 IN	X56	XR	48.448305	103.428884	2319.00	2314.50	4.50	FBE	50.3	50.1	NB6550-19F	NB6549-20F		
3/4/2014	3376	NB6550-19F	50.3	SM3078	0.322		1603+54.3		160354.3	8 IN	X56	XR	48.448167	103.428887	2320.50	2316.30	4.20	FBE	49.4	50.2	NB6550-19F	NB6550-19F		
3/4/2014	3377	NB6550-19F	49.4	SM3079	0.322		1604+03.7		160403.7	8 IN	X56	XR	48.448031	103.428889	2322.00	2317.50	4.50	FBE	50.4	50.3	NB6550-4F	NB6550-19F		
3/4/2014	3378	NB6550-4F	50.4	SM3080	0.322		1604+54.1		160454.1	8 IN	X56	XR	48.447893	103.428891	2323.50	2319.10	4.40	FBE	34.4	49.4	NB6549-15	NB6550-19F		
3/4/2014	3379	NB6549-15	34.4	SM3081	0.322		1604+88.5		160488.5	8 IN	X56	XR	48.447799	103.428892	2324.50	2320.20	4.30	FBE	50.3	50.4	NB65504F	NB6550-4F		
3/4/2014	3380	NB65504F	50.3	SM3082	0.322		1605+38.8		160538.8	8 IN	X56	XR	48.447661	103.428892	2325.40	2321.20	4.20	FBE	50.5	34.4	NB65504F	NB6549-15		
3/4/2014	3381	NB65504F	50.5	SM3083	0.322		1605+89.3		160589.3	8 IN	X56	XR	48.447523	103.428892	2325.50	2321.30	4.20	FBE	43.9	50.3	NB6549-8F	NB65504F		
3/4/2014	3382	NB6549-8F	43.9	SM3084	0.322		1606+33.2		160633.2	8 IN	X56	XR	48.447403	103.428891	2326.20	2321.30	4.90	FBE	50.6	50.5	NB6550-4F	NB65504F		
3/4/2014	3383	NB6550-4F	50.6	SM3085	0.322		1606+83.7		160683.7	8 IN	X56	XR	48.447264	103.428889	2327.00	2321.90	5.10	FBE	50.1	43.9	NB6550-4F	NB6549-8F		
3/4/2014	3384	NB6550-4F	50.1	SM3086	0.322		1607+33.9	P.I. < 3°33'28" RT.	160733.9	8 IN	X56	XR	48.447127	103.428887	2327.00	2322.80	4.20	FBE	50.7	50.6	NB6550-4F	NB6550-4F		
3/4/2014	3385	NB6550-4F	50.7	SMT383	0.322		1607+84.5	P.I. < 2°25'42" LT.	160784.5	8 IN	X56	XR	48.446988	103.428897	2326.92	2320.90	6.02	FBE	13.3	50.1	NB6549-20F	NB6550-4F		
3/4/2014	3390A	NB6549-20F	13.3	SMT384	0.322		1607+97.8		160797.8	8 IN	X56	XR	48.446952	103.428898	2326.92	2320.30	6.62	FBE	41.2	50.7	D48763	NB6550-4F		
3/4/2014	3387BR	D48763	41.2	SMB302		CALCULATED BORE	1608+39.0		160839.0		X56	XR	48.446840	103.428898	2326.54	2314.20	12.34	ARO	41.2	13.3	D48763	NB6549-20F		NOTE 1
3/4/2014	3388BR	D48763	41.2	SMB303		CALCULATED BORE	1608+80.2		160880.2		X56	XR	48.446727	103.428897	2327.89	2314.99	12.90	ARO	42.1	41.2	D48765	D48763		NOTE 1
3/4/2014	3389BR	D48765	42.1	SMT380	0.322		1609+22.3		160922.3	8 IN	X56	XR	48.446614	103.428897	2327.90	2322.90	5.00	ARO	49.8	41.2	NB6550-19F	D48763		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 224	SHEET No. 124 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3386	NB6550-19F	49.8	SMT381	0.322		1609+72.1		160972.1	8 IN	X56	XR	48.446477	103.428898	2328.20	2324.20	4.00	FBE	20.6	42.1	NB6549-20F	D48765		
3/4/2014	3390	NB6549-20F	20.6	SMT382	0.322		1609+92.7		160992.7	8 IN	X56	XR	48.446421	103.428898	2328.90	2324.70	4.20	FBE	50.3	49.8	NB6550-17F	NB6550-19F		
3/4/2014	3391	NB6550-17F	50.3	SM3088	0.322		1610+43.0		161043.0	8 IN	X56	XR	48.446283	103.428900	2328.50	2324.20	4.30	FBE	50.1	20.6	NB6550-18F	NB6549-20F		
3/4/2014	3392	NB6550-18F	50.1	SM3089	0.322		1610+93.2		161093.2	8 IN	X56	XR	48.446146	103.428900	2327.60	2323.20	4.40	FBE	50.3	50.3	NB6550-18F	NB6550-17F		
3/4/2014	3393	NB6550-18F	50.3	SM3090	0.322		1611+43.4		161143.4	8 IN	X56	XR	48.446008	103.428900	2326.90	2322.30	4.60	FBE	50.2	50.1	NB6550-4F	NB6550-18F		
3/4/2014	3394	NB6550-4F	50.2	SM3091	0.322		1611+93.7		161193.7	8 IN	X56	XR	48.445870	103.428900	2325.90	2321.20	4.70	FBE	50.4	50.3	NB6550-4F	NB6550-18F		
3/4/2014	3395	NB6550-4F	50.4	SM3092	0.322		1612+44.1		161244.1	8 IN	X56	XR	48.445732	103.428899	2325.50	2321.00	4.50	FBE	50.5	50.2	NB6550-4F	NB6550-4F		
3/4/2014	3396	NB6550-4F	50.5	SM3093	0.322		1612+94.5		161294.5	8 IN	X56	XR	48.445594	103.428897	2324.40	2319.80	4.60	FBE	50.2	50.4	NB6551-11F	NB6550-4F		
3/4/2014	3397	NB6551-11F	50.2	SM3094	0.322		1613+44.7		161344.7	8 IN	X56	XR	48.445456	103.428899	2323.40	2318.40	5.00	FBE	50.5	50.5	NB6550-4F	NB6550-4F		
3/4/2014	3398	NB6550-4F	50.5	SM3095	0.322		1613+95.2		161395.2	8 IN	X56	XR	48.445318	103.428900	2321.90	2316.80	5.10	FBE	50.2	50.2	NB6551-11F	NB6551-11F		
3/4/2014	3399	NB6551-11F	50.2	SM3096	0.322		1614+45.4		161445.4	8 IN	X56	XR	48.445180	103.428900	2321.30	2316.20	5.10	FBE	50.2	50.5	NB6549-16F	NB6550-4F		
3/4/2014	3400	NB6549-16F	50.2	SM3097	0.322		1614+95.6		161495.6	8 IN	X56	XR	48.445043	103.428900	2320.40	2315.30	5.10	FBE	50.3	50.2	NB6550-6F	NB6551-11F		
3/4/2014	3401	NB6550-6F	50.3	SM3098	0.322		1615+45.8		161545.8	8 IN	X56	XR	48.444905	103.428901	2319.20	2314.30	4.90	FBE	49.7	50.2	NB6550-18F	NB6549-16F		
3/4/2014	3402	NB6550-18F	49.7	SM3099	0.322		1615+95.5		161595.5	8 IN	X56	XR	48.444769	103.428903	2318.40	2313.40	5.00	FBE	48.9	50.3	NB6549-7F	NB6550-6F		
3/4/2014	3403	NB6549-7F	48.9	SM3100	0.322		1616+44.4		161644.4	8 IN	X56	XR	48.444635	103.428905	2318.10	2312.80	5.30	FBE	50.3	49.7	NB6550-18F	NB6550-18F		
3/4/2014	3404	NB6550-18F	50.3	SM3101	0.322		1616+94.7		161694.7	8 IN	X56	XR	48.444497	103.428903	2317.70	2313.10	4.60	FBE	50.2	48.9	NB6550-18F	NB6549-7F		
3/4/2014	3405	NB6550-18F	50.2	SM3102	0.322		1617+44.9		161744.9	8 IN	X56	XR	48.444359	103.428904	2317.70	2313.30	4.40	FBE	43.0	50.3	NB6549-9F	NB6550-18F		
3/4/2014	3406	NB6549-9F	43.0	SM3103	0.322		1617+87.9		161787.9	8 IN	X56	XR	48.444241	103.428904	2318.50	2313.80	4.70	FBE	49.8	50.2	NB6549-20F	NB6550-18F		
3/4/2014	3407	NB6549-20F	49.8	SM3104	0.322		1618+37.8		161837.8	8 IN	X56	XR	48.444105	103.428904	2320.70	2316.20	4.50	FBE	50.2	43.0	NC0745-171	NB6549-9F		
3/4/2014	3408	NC0745-171	50.2	SM3105	0.322		1618+88.0		161888.0	8 IN	X56	XR	48.443968	103.428901	2324.40	2318.60	5.80	FBE	50.2	49.8	NC0745-171	NB6549-20F		
3/4/2014	3409	NC0745-171	50.2	SM3106	0.322		1619+38.2		161938.2	8 IN	X56	XR	48.443830	103.428901	2324.70	2320.00	4.70	FBE	50.1	50.2	NC0745-171	NC0745-171		
3/4/2014	3410	NC0745-171	50.1	SM3107	0.322		1619+88.3		161988.3	8 IN	X56	XR	48.443693	103.428901	2325.20	2320.70	4.50	FBE	50.1	50.2	NB6550-1F	NC0745-171		
3/4/2014	3411	NB6550-1F	50.1	SM3108	0.322		1620+38.4		162038.4	8 IN	X56	XR	48.443555	103.428902	2325.30	2321.00	4.30	FBE	50.2	50.1	NB6550-19F	NC0745-171		
3/4/2014	3412	NB6550-19F	50.2	SM3109	0.322		1620+88.6		162088.6	8 IN	X56	XR	48.443418	103.428905	2324.40	2320.10	4.30	FBE	50.2	50.1	NC0749-169	NB6550-1F		
3/4/2014	3413	NC0749-169	50.2	SM3110	0.322		1621+38.7		162138.7	8 IN	X56	XR	48.443280	103.428907	2323.20	2319.00	4.20	FBE	49.8	50.2	NC0749-169	NB6550-19F		
3/4/2014	3414	NC0749-169	49.8	SM3111	0.322		1621+88.5		162188.5	8 IN	X56	XR	48.443144	103.428909	2322.00	2317.70	4.30	FBE	50.3	50.2	NC0749-169	NC0749-169		
3/4/2014	3415	NC0749-169	50.3	SM3112	0.322		1622+38.8		162238.8	8 IN	X56	XR	48.443006	103.428909	2320.90	2316.50	4.40	FBE	50.2	49.8	NC0746-170	NC0749-169		
3/4/2014	3416	NC0746-170	50.2	SM3113	0.322		1622+89.0		162289.0	8 IN	X56	XR	48.442869	103.428908	2319.50	2315.20	4.30	FBE	50.2	50.3	NC0749-169	NC0749-169		
3/4/2014	3417	NC0749-169	50.2	SM3114	0.322		1623+39.2		162339.2	8 IN	X56	XR	48.442731	103.428909	2318.10	2313.80	4.30	FBE	50.4	50.2	NB6550-4F	NC0746-170		
3/4/2014	3418	NB6550-4F	50.4	SM3115	0.322		1623+89.6		162389.6	8 IN	X56	XR	48.442593	103.428912	2317.10	2312.10	5.00	FBE	29.3	50.2	NC0741-170	NC0749-169		
3/4/2014	3419	NC0741-170	29.3	SM3116	0.322		1624+18.9		162418.9	8 IN	X56	XR	48.442513	103.428912	2316.80	2311.60	5.20	FBE	50.3	50.4	NC0749-169	NB6550-4F		
3/4/2014	3420	NC0749-169	50.3	SM3117	0.322		1624+69.2		162469.2	8 IN	X56	XR	48.442375	103.428912	2316.70	2311.40	5.30	FBE	50.2	29.3	NB6550-19F	NC0741-170		
3/4/2014	3421	NB6550-19F	50.2	SM3118	0.322		1625+19.4		162519.4	8 IN	X56	XR	48.442237	103.428912	2316.80	2311.40	5.40	FBE	50.1	50.3	NB6550-19F	NC0749-169		
3/4/2014	3422	NB6550-19F	50.1	SM3119	0.322		1625+69.5		162569.5	8 IN	X56	XR	48.442100	103.428913	2317.70	2312.30	5.40	FBE	50.3	50.2	NB6550-18F	NB6550-19F		
3/4/2014	3423	NB6550-18F	50.3	SM3120	0.322		1626+19.9		162619.9	8 IN	X56	XR	48.441962	103.428913	2317.50	2312.60	4.90	FBE	50.2	50.1	NB6550-18F	NB6550-19F		
3/4/2014	3424	NB6550-18F	50.2	SM3121	0.322		1626+70.1		162670.1	8 IN	X56	XR	48.441824	103.428914	2318.20	2313.10	5.10	FBE	50.2	50.3	NB6549-20F	NB6550-18F		
3/4/2014	3425	NB6549-20F	50.2	SM3122	0.322		1627+20.3		162720.3	8 IN	X56	XR	48.441686	103.428915	2318.80	2313.60	5.20	FBE	50.2	50.2	NB6551-11F	NB6550-18F		
3/4/2014	3426	NB6551-11F	50.2	SM3123	0.322		1627+70.6		162770.6	8 IN	X56	XR	48.441549	103.428915	2318.80	2313.80	5.00	FBE	49.8	50.2	SC1210-174	NB6549-20F		
3/4/2014	3427	SC1210-174	49.8	SM3124	0.322		1628+20.4		162820.4	8 IN	X56	XR	48.441412	103.428916	2318.80	2313.40	5.40	FBE	50.2	50.2	SC1212-173	NB6551-11F		
3/4/2014	3428	SC1212-173	50.2	SM3125	0.322		1628+70.5		162870.5	8 IN	X56	XR	48.441275	103.428917	2318.50	2313.10	5.40	FBE	50.3	49.8	NC0743-29	SC1210-174		
3/4/2014	3429	NC0743-29	50.3	SM3126	0.322		1629+20.9		162920.9	8 IN	X56	XR	48.441137	103.428917	2317.40	2312.20	5.20	FBE	50.3	50.2	NB6550-6F	SC1212-173		
3/4/2014	3430	NB6550-6F	50.3	SM3127	0.322		1629+71.1		162971.1	8 IN	X56	XR	48.440999	103.428918	2316.10	2311.10	5.00	FBE	50.2	50.3	SC1212-128	NC0743-29		
3/4/2014	3431	SC1212-128	50.2	SM3128	0.322		1630+21.4		163021.4	8 IN	X56	XR	48.440861	103.428921	2315.50	2310.50	5.00	FBE	49.4	50.3	SC1212-128	NB6550-6F		
3/4/2014	3432	SC1212-128	49.4	SM3129	0.322		1630+70.8		163070.8	8 IN	X56	XR	48.440726	103.428922	2316.00	2310.90	5.10	FBE	50.3	50.2	NC0743-29	SC1212-128		
3/4/2014	3433	NC0743-29	50.3	SM3130	0.322		1631+21.1		163121.1	8 IN	X56	XR	48.440588	103.428923	2316.80	2311.60	5.20	FBE	49.8	49.4	SC1210-174	SC1212-128		
3/4/2014	3434	SC1210-174	49.8	SM3131	0.322		1631+70.8		163170.8	8 IN	X56	XR	48.440452	103.428923	2317.70	2312.60	5.10	FBE	50.1	50.3	SC1210-174	NC0743-29		
3/4/2014	3435	SC1210-174	50.1	SM3132	0.322		1632+20.9		163220.9	8 IN	X56	XR	48.440314	103.428922	2318.30	2313.20	5.10	FBE	50.3	49.8	NC0747-172	SC1210-174		
3/4/2014	3436	NC0747-172	50.3	SM3133	0.322		1632+71.2		163271.2	8 IN	X56	XR	48.440176	103.428920	2318.90	2313.90	5.00	FBE	49.9	50.1	SC1212-173	SC1210-174		
3/4/2014	3437	SC1212-173	49.9	SM3134	0.322		1633+21.2		163321.2	8 IN	X56	XR	48.440040	103.428919	2319.00	2313.90	5.10	FBE	50.5	50.3	NB6550-4F	NC0747-172		
3/4/2014	3438	NB6550-4F	50.5	SM3135	0.322		1633+71.7		163371.7	8 IN	X56	XR	48.439901	103.428920	2319.00	2313.80	5.20	FBE	50.2	49.9	NC0743-29	SC1212-173		
3/4/2014	3439	NC0743-29	50.2	SM3136	0.322		1634+21.9		163421.9	8 IN	X56	XR	48.439764	103.428922	2318.40	2313.40	5.00	FBE	50.1	50.5	NC0743-29	NB6550-4F		
3/4/2014	3440	NC0743-29	50.1	SM3137	0.322		1634+71.9		163471.9	8 IN	X56	XR	48.439626	103.428924	2319.10	2313.00	6.10	FBE	49.8	50.2	NC0743-29	NC0743-29		
3/4/2014	3441	NC0743-29	49.8	SM3138	0.322		1635+21.8		163521.8	8 IN	X56	XR	48.439490	103.428926	2318.30	2313.20	5.10	FBE	49.1	50.1	NC0743-29	NC0743-29		
3/4/2014	3442	NC0743-29	49.1	SM3139	0.322		1635+70.8		163570.8	8 IN	X56	XR	48.439355	103.428927	2318.10	2313.20	4.90	FBE	49.9	49.8	NB6550-4F	NC0743-29		
3/4/2014	3443	NB6550-4F	49.9	SM3140	0.322		1636+20.7		163620.7	8 IN	X56	XR	48.439218	103.428928	2318.10	2312.80	5.30	FBE	33.9	49.1	NC0741-176	NC0743-29		
3/4/2014	3444	NC0741-176	33.9	SM3141	0.322		1636+54.6		163654.6	8 IN	X56	XR	48.439126	103.428928	2318.40	2313.20	5.20	FBE	50.3	49.9	NB6551-11F	NB6550-4F		
3/4/2014	3445	NB6551-11F	50.3	SM3142	0.322		1637+04.9		163704.9	8 IN	X56	XR	48.438988	103.428929	2319.10	2314.10	5.00	FBE	49.8	33.9	NB6549-5F	NC0741-176		
3/4/2014	3446	NB6549-5F	49.8	SM3143	0.322		1637+54.7		163754.7	8 IN	X56	XR	48.438851	103.428931	2318.30	2313.20	5.10	FBE	50.1	50.3	NB6550-6F	NB6551-11F		
3/4/2014	3447	NB6550-6F	50.1	SM3144	0.322		1638+04.8		163804.8	8 IN	X56	XR	48.438714	103.428932	2316.70	2311.70	5.00	FBE	50.4	49.8	NB6550-4F	NB6549-5F		
3/4/2014	3448	NB6550-4F	50.4	SM3145	0.322		1638+55.2		163855.2	8 IN	X56	XR	48.438576	103.428933	2315.30	2310.50	4.80	FBE	50.3	50.1	NB6550-6F	NB6550-6F		
3/4/2014	3449	NB6550-6F	50.3	SM3146	0.322		1639+05.6		163905.6	8 IN	X56	XR	48.438438	103.428935	2314.50	2309.40	5.10	FBE	32.1	50.4	NB6550-10F	NB6550-4F		
3/4/2014	3450	NB6550-10F	32.1	SM3147	0.322		1639+37.7		163937.7	8 IN	X56	XR	48.438350	103.428936	2313.90	2308.90	5.00	FBE	39.8	50.3	NB6550-1F	NB6550-6F		
3/4/2014	3451	NB6550-1F	39.8	SM3148	0.322		1639+77.5		163977.5	8 IN	X56	XR	48.438241	103.428938	2313.00	2308.00	5.00	FBE	50.3	32.1	NB6550-6F	NB6550-10F		
3/4/2014	3452	NB6550-6F	50.3	SM3149	0.322		1640+27.7	P.I. < 92°33'18" LT.	164027.7	8 IN	X56	XR	48.438103	103.428939	2312.50	2307.60	4.90	FBE	50.2	39.8	NB6551-3F	NB6550-1F		
3/4/2014	3453	NB6551-3F	50.2	SM3150	0.322		1640+77.9		164077.9	8 IN	X56	XR	48.437966	103.428940	2312.20	2307.60	4.60	FBE	50.1	50.3	NB6549-5F	NB6550-6F		
3/4/2014	3454	NB6549-5F	50.1	SM3151	0.322		1641+28.0		164128.0	8 IN	X56	XR	48.437828	103.428941	2312.40	2307.30	5.10	FBE	50.4	50.2	NB6551-3F	NB6551-3F		
3/4/2014	3455	NB6551-3F	50.4	SM3152	0.322		1641+78.4		164178.4	8 IN	X56	XR	48.437690	103.428944	2313.10	2308.60	4.50	FBE	50.2	50.1	NB6550-6F	NB6549-5F		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS Petroleum Field Services, LLC, 7535 Hilltop Circle, Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 225	SHEET No. 125 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3456	NB6550-6F	50.2	SM3153	0.322		1642+28.7		164228.7	8 IN	X56	XR	48.437552	103.428946	2311.70	2307.00	4.70	FBE	50.2	50.4	NB6550-6F	NB6551-3F		
3/4/2014	3457	NB6550-6F	50.2	SMT377	0.322		1642+78.9		164278.9	8 IN	X56	XR	48.437415	103.428947	2309.40	2305.00	4.40	FBE	16.7	50.2	NB6550-6F	NB6550-6F		
3/4/2014	3458	NB6550-6F	16.7	SMT378	0.322		1642+95.6	P.I. < 25°52'36" LT.	164295.6	8 IN	X56	XR	48.437369	103.428947	2308.70	2304.50	4.20	FBE	9.6	50.2	C30174	NB6550-6F		
3/4/2014	F46	C30174	9.6	SMT379	0.322	FACTORY BEND	1643+05.2	P.I. < 6°57'08" LT.	164305.2	8 IN	X56	XR	48.437354	103.428921	2307.81	2303.80	4.01	FBE	43.4	16.7	NB6550-6F	NB6550-6F		
3/4/2014	3459	NB6550-6F	43.4	SM3154	0.322		1643+48.6		164348.6	8 IN	X56	XR	48.437356	103.428742	2307.30	2302.10	5.20	FBE	48.5	9.6	NB6551-11F	C30174		
3/4/2014	3460	NB6551-11F	48.5	SM3155	0.322		1643+97.1		164397.1	8 IN	X56	XR	48.437358	103.428542	2306.00	2301.00	5.00	FBE	55.5	43.4	NB6550-19F	NB6550-6F		
3/4/2014	3461	NB6550-19F	55.5	SMT385	0.322		1644+52.6	P.I. < 11°25'33" RT.	164452.6	8 IN	X56	XR	48.437364	103.428314	2306.00	2301.20	4.80	FBE	9.2	48.5	C30174	NB6551-11F		
3/4/2014	F47	C30174	9.2	SMT386	0.322	FACTORY BEND	1644+61.8	P.I. < 21°47'27" RT.	164461.8	8 IN	X56	XR	48.437350	103.428290	2305.60	2301.00	4.60	FBE	50.3	55.5	NB6551-11F	NB6550-19F		
3/4/2014	3462	NB6551-11F	50.3	SMT387	0.322		1645+12.0		164512.0	8 IN	X56	XR	48.437212	103.428290	2303.10	2298.70	4.40	FBE	6.1	9.2	NB6550-6F	C30174		
3/4/2014	3458A	NB6550-6F	6.1	SMT388	0.322		1645+18.1		164518.1	8 IN	X56	XR	48.437195	103.428291	2303.10	2298.50	4.60	FBE	50.5	50.3	NB6550-4F	NB6551-11F		
3/4/2014	3463	NB6550-4F	50.5	SM3156	0.322		1645+68.6		164568.6	8 IN	X56	XR	48.437057	103.428295	2300.80	2296.30	4.50	FBE	49.5	6.1	NB6551-11F	NB6550-6F		
3/4/2014	3464	NB6551-11F	49.5	SM3157	0.322		1646+18.2		164618.2	8 IN	X56	XR	48.436921	103.428299	2299.30	2294.50	4.80	FBE	49.8	50.5	NB6549-7F	NB6550-4F		
3/4/2014	3465	NB6549-7F	49.8	SM3158	0.322		1646+68.0		164668.0	8 IN	X56	XR	48.436785	103.428302	2297.50	2292.80	4.70	FBE	50.5	49.5	NB6550-10F	NB6551-11F		
3/4/2014	3466	NB6550-10F	50.5	SM3159	0.322		1647+18.4		164718.4	8 IN	X56	XR	48.436647	103.428306	2295.60	2290.10	5.50	FBE	50.0	49.8	NB6549-7F	NB6549-7F		
3/4/2014	3467	NB6549-7F	50.0	SM3160	0.322		1647+68.5		164768.5	8 IN	X56	XR	48.436510	103.428307	2293.90	2288.50	5.40	FBE	49.7	50.5	NB6549-7F	NB6550-10F		
3/4/2014	3468	NB6549-7F	49.7	SM3161	0.322		1648+18.2		164818.2	8 IN	X56	XR	48.436373	103.428308	2292.70	2287.20	5.50	FBE	50.3	50.0	NB6550-10F	NB6549-7F		
3/4/2014	3469	NB6550-10F	50.3	SM3162	0.322		1648+68.5		164868.5	8 IN	X56	XR	48.436236	103.428309	2291.60	2286.10	5.50	FBE	45.4	49.7	NB6550-10F	NB6549-7F		
3/4/2014	3470	NB6550-10F	45.4	SM3163	0.322		1649+13.9		164913.9	8 IN	X56	XR	48.436111	103.428309	2290.10	2284.50	5.60	FBE	50.1	50.3	NB6550-6F	NB6550-10F		
3/4/2014	3471	NB6550-6F	50.1	SM3164	0.322		1649+64.0		164964.0	8 IN	X56	XR	48.435974	103.428311	2288.50	2283.20	5.30	FBE	50.2	45.4	NB6549-81	NB6550-10F		
3/4/2014	3472	NB6549-81	50.2	SM3165	0.322		1650+14.2		165014.2	8 IN	X56	XR	48.435836	103.428311	2287.80	2282.30	5.50	FBE	50.1	50.1	NB6550-12F	NB6550-6F		
3/4/2014	3473	NB6550-12F	50.1	SM3166	0.322		1650+64.4		165064.4	8 IN	X56	XR	48.435699	103.428311	2286.80	2281.80	5.00	FBE	50.4	50.2	SC1212-128	NB6549-81		
3/4/2014	3474	SC1212-128	50.4	SM3167	0.322		1651+14.8		165114.8	8 IN	X56	XR	48.435561	103.428311	2288.00	2282.40	5.60	FBE	50.2	50.1	NC0749-169	NB6550-12F		
3/4/2014	3475	NC0749-169	50.2	SM3168	0.322		1651+64.9		165164.9	8 IN	X56	XR	48.435423	103.428311	2288.50	2282.90	5.60	FBE	50.3	50.4	NB6549-9F	SC1212-128		
3/4/2014	3476	NB6549-9F	50.3	SM3169	0.322		1652+15.2		165215.2	8 IN	X56	XR	48.435285	103.428311	2287.80	2282.20	5.60	FBE	50.3	50.2	NB6550-4F	NC0749-169		
3/4/2014	3477	NB6550-4F	50.3	SM3170	0.322		1652+65.6		165265.6	8 IN	X56	XR	48.435147	103.428312	2286.80	2281.30	5.50	FBE	50.4	50.3	NB6550-2F	NB6549-9F		
3/4/2014	3478	NB6550-2F	50.4	SM3171	0.322		1653+16.0		165316.0	8 IN	X56	XR	48.435009	103.428313	2285.80	2280.40	5.40	FBE	50.2	50.3	NB6550-10F	NB6550-4F		
3/4/2014	3479	NB6550-10F	50.2	SM3172	0.322		1653+66.2		165366.2	8 IN	X56	XR	48.434872	103.428313	2285.20	2279.70	5.50	FBE	50.4	50.4	NC0749-169	NB6550-2F		
3/4/2014	3480	NC0749-169	50.4	SM3173	0.322		1654+16.5		165416.5	8 IN	X56	XR	48.434734	103.428314	2283.40	2278.10	5.30	FBE	50.1	50.2	NC0745-171	NB6550-10F		
3/4/2014	3481	NC0745-171	50.1	SM3174	0.322		1654+66.7		165466.7	8 IN	X56	XR	48.434596	103.428316	2281.40	2276.20	5.20	FBE	50.1	50.4	NC0749-169	NC0749-169		
3/4/2014	3482	NC0749-169	50.1	SM3175	0.322		1655+16.8		165516.8	8 IN	X56	XR	48.434459	103.428317	2280.20	2274.80	5.40	FBE	50.3	50.1	SC1212-173	NC0745-171		
3/4/2014	3483	SC1212-173	50.3	SM3176	0.322		1655+67.1		165567.1	8 IN	X56	XR	48.434321	103.428319	2279.70	2274.30	5.40	FBE	50.2	50.1	NB6549-13F	NC0749-169		
3/4/2014	3484	NB6549-13F	50.2	SM3177	0.322		1656+17.4		165617.4	8 IN	X56	XR	48.434183	103.428318	2279.00	2273.70	5.30	FBE	50.1	50.3	NB6549-8F	SC1212-173		
3/4/2014	3485	NB6549-8F	50.1	SM3178	0.322		1656+67.5		165667.5	8 IN	X56	XR	48.434046	103.428318	2278.50	2272.90	5.60	FBE	30.6	50.2	NB6550-18F	NB6549-13F		
3/4/2014	3486	NB6550-18F	30.6	SM3179	0.322		1656+98.1		165698.1	8 IN	X56	XR	48.433962	103.428319	2278.40	2272.60	5.80	FBE	43.8	50.1	NB6549-8F	NB6549-8F		
3/4/2014	3487	NB6549-8F	43.8	SM3180	0.322		1657+41.9		165741.9	8 IN	X56	XR	48.433842	103.428320	2277.90	2272.20	5.70	FBE	50.3	30.6	NB6549-8F	NB6550-18F		
3/4/2014	3488	NB6549-8F	50.3	SM3181	0.322		1657+92.2		165792.2	8 IN	X56	XR	48.433704	103.428320	2277.70	2272.30	5.40	FBE	48.8	43.8	NB6549-8F	NB6549-8F		
3/4/2014	3489	NB6549-8F	48.8	SM3182	0.322		1658+41.0		165841.0	8 IN	X56	XR	48.433570	103.428319	2277.70	2272.20	5.50	FBE	50.1	50.3	NB6550-14F	NB6549-8F		
3/4/2014	3490	NB6550-14F	50.1	SM3183	0.322		1658+91.1		165891.1	8 IN	X56	XR	48.433433	103.428321	2277.80	2272.20	5.60	FBE	50.1	48.8	NB6549-20F	NB6549-8F		
3/4/2014	3491	NB6549-20F	50.1	SM3184	0.322		1659+41.2		165941.2	8 IN	X56	XR	48.433296	103.428325	2277.50	2272.20	5.30	FBE	50.4	50.1	NB6549-20F	NB6550-14F		
3/4/2014	3492	NB6549-20F	50.4	SM3185	0.322		1659+91.7		165991.7	8 IN	X56	XR	48.433157	103.428326	2278.20	2272.50	5.70	FBE	49.7	50.1	NB6549-20F	NB6549-20F		
3/4/2014	3493	NB6549-20F	49.7	SM3186	0.322		1660+41.4		166041.4	8 IN	X56	XR	48.433021	103.428326	2278.90	2273.20	5.70	FBE	50.3	50.4	NB6549-13F	NB6549-20F		
3/4/2014	3494	NB6549-13F	50.3	SM3187	0.322		1660+91.7		166091.7	8 IN	X56	XR	48.432883	103.428325	2278.60	2273.30	5.30	FBE	48.6	49.7	NB6549-7F	NB6549-20F		
3/4/2014	3495	NB6549-7F	48.6	SM3188	0.322		1661+40.3		166140.3	8 IN	X56	XR	48.432750	103.428325	2277.40	2271.90	5.50	FBE	48.3	50.3	NB6549-13F	NB6549-13F		
3/4/2014	3496	NB6549-13F	48.3	SM3189	0.322		1661+88.6		166188.6	8 IN	X56	XR	48.432618	103.428327	2278.30	2271.50	6.80	FBE	50.4	48.6	NB6550-10F	NB6549-7F		
3/4/2014	3497	NB6550-10F	50.4	SM3190	0.322		1662+39.0		166239.0	8 IN	X56	XR	48.432480	103.428327	2274.90	2269.60	5.30	FBE	50.0	48.3	NB6550-14F	NB6549-13F		
3/4/2014	3498	NB6550-14F	50.0	SM3191	0.322		1662+89.0		166289.0	8 IN	X56	XR	48.432343	103.428327	2275.80	2270.30	5.50	FBE	50.1	50.4	NB6549-20F	NB6550-10F		
3/4/2014	3499	NB6549-20F	50.1	SM3192	0.322		1663+39.1		166339.1	8 IN	X56	XR	48.432205	103.428329	2277.40	2271.90	5.50	FBE	50.3	50.0	NB6550-14F	NB6550-14F		
3/4/2014	3500	NB6550-14F	50.3	SM3193	0.322		1663+89.4		166389.4	8 IN	X56	XR	48.432068	103.428330	2278.30	2272.60	5.70	FBE	50.0	50.1	NB6550-17F	NB6549-20F		
3/4/2014	3501	NB6550-17F	50.0	SM3194	0.322		1664+39.4		166439.4	8 IN	X56	XR	48.431930	103.428329	2278.80	2273.50	5.30	FBE	49.6	50.3	NB6550-4F	NB6550-14F		
3/4/2014	3502	NB6550-4F	49.6	SM3195	0.322		1664+89.0		166489.0	8 IN	X56	XR	48.431794	103.428331	2279.10	2274.30	4.80	FBE	50.3	50.0	NB6549-7F	NB6550-17F		
3/4/2014	3503	NB6549-7F	50.3	SM3196	0.322		1665+39.3		166539.3	8 IN	X56	XR	48.431657	103.428332	2279.10	2274.20	4.90	FBE	50.1	49.6	NB6549-20F	NB6550-4F		
3/4/2014	3504	NB6549-20F	50.1	SM3197	0.322		1665+89.4		166589.4	8 IN	X56	XR	48.431519	103.428333	2279.50	2274.40	5.10	FBE	50.1	50.3	NB6549-16F	NB6549-7F		
3/4/2014	3505	NB6549-16F	50.1	SM3198	0.322		1666+39.5		166639.5	8 IN	X56	XR	48.431382	103.428334	2279.80	2274.30	5.50	FBE	50.2	50.1	NB6550-14F	NB6549-20F		
3/4/2014	3506	NB6550-14F	50.2	SM3199	0.322		1666+89.7		166689.7	8 IN	X56	XR	48.431244	103.428334	2279.50	2274.80	4.70	FBE	50.3	50.1	NB6550-12F	NB6549-16F		
3/4/2014	3507	NB6550-12F	50.3	SM3200	0.322		1667+40.0		166740.0	8 IN	X56	XR	48.431107	103.428334	2280.00	2275.80	4.20	FBE	49.9	50.2	NC0743-29	NB6550-14F		
3/4/2014	3508	NC0743-29	49.9	SMT389	0.322		1667+89.8		166789.8	8 IN	X56	XR	48.430970	103.428337	2280.90	2275.30	5.60	FBE	25.7	50.3	NB6551-3F	NB6550-12F		
3/4/2014	3509	NB6551-3F	25.7	SMT390	0.322		1668+15.5		166815.5	8 IN	X56	XR	48.430900	103.428338	2281.00	2274.80	6.20	FBE	41.2	49.9	D48763	NC0743-29		
3/4/2014	3510BR	D48763	41.2	SMB304		CALCULATED BORE	1668+56.7		166856.7		X56	XR	48.430788	103.428337	2281.80	2267.91	13.89	ARO	41.2	25.7	D48763	NB6551-3F		NOTE 1
3/4/2014	3511BR	D48763	41.2	SMB305		CALCULATED BORE	1668+97.9		166897.9		X56	XR	48.430676	103.428336	2282.79	2265.02	17.77	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3512BR	D48763	41.2	SMB306		CALCULATED BORE	1669+39.1		166939.1		X56	XR	48.430563	103.428335	2283.64	2266.15	17.49	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3513BR	D48763	41.2	SMB307		CALCULATED BORE	1669+80.3		166980.3		X56	XR	48.430451	103.428334	2284.50	2271.29	13.21	ARO	43.1	41.2	D48763	D48763		NOTE 1
3/4/2014	3514BR	D48763	43.1	SMT391	0.322		1670+23.4		167023.4	8 IN	X56	XR	48.430336	103.428332	2285.70	2280.90	4.80	ARO	32.8	41.2	NB6550-17F	D48763		
3/4/2014	3516	NB6550-17F	32.8	SMT392	0.322		1670+56.1	P.I. < 4°20'27" RT.	167056.1	8 IN	X56	XR	48.430246	103.428328	2286.00	2281.70	4.30	FBE	50.0	43.1	NB6550-1F	D48763		
3/4/2014	3517	NB6550-1F	50.0	SM3201	0.322		1671+06.1		167106.1	8 IN	X56	XR	48.430109	103.428336	2285.60	2281.00	4.60	FBE	50.4	32.8	NB6549-4F	NB6550-17F		
3/4/2014	3518	NB6549-4F	50.4	SM3202	0.322		1671+56.5		167156.5	8 IN	X56	XR	48.429971	103.428339	2284.80	2280.20	4.60	FBE	50.2	50.0	NB6549-5F	NB6550-1F		
3/4/2014	3519	NB6549-5F	50.2	SM3203	0.322		1672+06.8		167206.8	8 IN	X56	XR	48.429833	103.428342	2283.90	2279.40	4.50	FBE	50.1	50.4	NB6549-5F	NB6549-4F		
3/4/2014	3520	NB6549-5F	50.1	SM3204	0.322		1672+56.9		167256.9	8 IN	X56	XR	48.429696	103.428341	2284.20	2279.30	4.90	FBE	50.1	50.2	NB6550-2F	NB6549-5F		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 226	SHEET No. 126 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3521	NB6550-2F	50.1	SM3205	0.322		1673+07.0		167307.0	8 IN	X56	XR	48.429558	103.428345	2284.20	2279.80	4.40	FBE	50.5	50.1	NB6550-4F	NB6549-5F		
3/4/2014	3522	NB6550-4F	50.5	SM3206	0.322		1673+57.4		167357.4	8 IN	X56	XR	48.429420	103.428344	2284.00	2279.40	4.60	FBE	50.0	50.1	NB6551-11F	NB6550-2F		
3/4/2014	3523	NB6551-11F	50.0	SM3207	0.322		1674+07.4		167407.4	8 IN	X56	XR	48.429283	103.428346	2283.90	2279.30	4.60	FBE	50.2	50.5	NB6550-12F	NB6550-4F		
3/4/2014	3524	NB6550-12F	50.2	SM3208	0.322		1674+57.6		167457.6	8 IN	X56	XR	48.429146	103.428341	2283.40	2278.70	4.70	FBE	50.1	50.0	NB6549-15F	NB6551-11F		
3/4/2014	3525	NB6549-15F	50.1	SM3209	0.322		1675+07.7	P.I. < 2°31'11" LT.	167507.7	8 IN	X56	XR	48.429008	103.428343	2282.60	2277.80	4.80	FBE	50.5	50.2	NB6550-2F	NB6550-12F		
3/4/2014	3526	NB6550-2F	50.5	SM3210	0.322		1675+58.2	P.I. < 2°45'06" RT.	167558.2	8 IN	X56	XR	48.428870	103.428337	2281.40	2276.50	4.90	FBE	50.0	50.1	NB6550-10F	NB6549-15F		
3/4/2014	3527	NB6550-10F	50.0	SM3211	0.322		1676+08.1		167608.1	8 IN	X56	XR	48.428733	103.428338	2280.20	2275.60	4.60	FBE	50.4	50.5	NB6550-14F	NB6550-2F		
3/4/2014	3528	NB6550-14F	50.4	SM3212	0.322		1676+58.5		167658.5	8 IN	X56	XR	48.428595	103.428339	2280.80	2276.20	4.60	FBE	50.2	50.0	NB6549-13F	NB6550-10F		
3/4/2014	3529	NB6549-13F	50.2	SM3213	0.322		1677+08.7	P.I. < 2°49'28" LT.	167708.7	8 IN	X56	XR	48.428458	103.428344	2282.00	2277.30	4.70	FBE	50.5	50.4	NB6550-14F	NB6550-14F		
3/4/2014	3530	NB6550-14F	50.5	SM3214	0.322		1677+59.1		167759.1	8 IN	X56	XR	48.428319	103.428341	2283.30	2278.60	4.70	FBE	50.2	50.2	NB6550-12F	NB6549-13F		
3/4/2014	3531	NB6550-12F	50.2	SM3215	0.322		1678+09.3	P.I. < 3°01'27" RT.	167809.3	8 IN	X56	XR	48.428182	103.428336	2285.30	2280.40	4.90	FBE	50.4	50.5	NB6550-1F	NB6550-14F		
3/4/2014	3532	NB6550-1F	50.4	SM3216	0.322		1678+59.7		167859.7	8 IN	X56	XR	48.428044	103.428343	2287.10	2282.60	4.50	FBE	50.3	50.2	NB6550-10F	NB6550-12F		
3/4/2014	3533	NB6550-10F	50.3	SM3217	0.322		1679+10.0		167910.0	8 IN	X56	XR	48.427906	103.428343	2289.40	2284.40	5.00	FBE	50.2	50.4	NB6550-14F	NB6550-1F		
3/4/2014	3534	NB6550-14F	50.2	SM3218	0.322		1679+60.2		167960.2	8 IN	X56	XR	48.427769	103.428343	2290.50	2285.60	4.90	FBE	50.3	50.3	NB6551-F3	NB6550-10F		
3/4/2014	3535	NB6551-F3	50.3	SM3219	0.322		1680+10.5		168010.5	8 IN	X56	XR	48.427631	103.428341	2291.40	2286.50	4.90	FBE	50.9	50.2	NB6549-7F	NB6550-14F		
3/4/2014	3536	NB6549-7F	50.9	SM3220	0.322		1680+61.4		168061.4	8 IN	X56	XR	48.427491	103.428342	2291.70	2286.90	4.80	FBE	50.2	50.3	NB6549-7F	NB6551-F3		
3/4/2014	3537	NB6549-7F	50.2	SM3221	0.322		1681+11.6		168111.6	8 IN	X56	XR	48.427354	103.428343	2292.00	2287.10	4.90	FBE	50.2	50.9	NB6550-12F	NB6549-7F		
3/4/2014	3538	NB6550-12F	50.2	SM3222	0.322		1681+61.9		168161.9	8 IN	X56	XR	48.427216	103.428346	2291.90	2287.40	4.50	FBE	50.2	50.2	NB6551-11F	NB6549-7F		
3/4/2014	3539	NB6551-11F	50.2	SM3223	0.322		1682+12.1		168212.1	8 IN	X56	XR	48.427078	103.428351	2291.30	2286.50	4.80	FBE	50.4	50.2	NB6550-10F	NB6550-12F		
3/4/2014	3540	NB6550-10F	50.4	SM3224	0.322		1682+62.4		168262.4	8 IN	X56	XR	48.426940	103.428353	2290.60	2285.70	4.90	FBE	50.4	50.2	NB6551-3F	NB6551-11F		
3/4/2014	3541	NB6551-3F	50.4	SM3225	0.322		1683+12.8		168312.8	8 IN	X56	XR	48.426802	103.428354	2289.80	2285.00	4.80	FBE	50.3	50.4	NB6551-3F	NB6550-10F		
3/4/2014	3542	NB6551-3F	50.3	SM3226	0.322		1683+63.2		168363.2	8 IN	X56	XR	48.426664	103.428353	2289.00	2284.10	4.90	FBE	50.3	50.4	NB6551-3F	NB6551-3F		
3/4/2014	3543	NB6551-3F	50.3	SM3227	0.322		1684+13.5		168413.5	8 IN	X56	XR	48.426526	103.428353	2289.40	2284.30	5.10	FBE	50.5	50.3	NB6551-3F	NB6551-3F		
3/4/2014	3544	NB6551-3F	50.5	SM3228	0.322		1684+64.0		168464.0	8 IN	X56	XR	48.426388	103.428355	2288.80	2283.60	5.20	FBE	50.3	50.3	NB6551-3F	NB6551-3F		
3/4/2014	3545	NB6551-3F	50.3	SM3229	0.322		1685+14.2		168514.2	8 IN	X56	XR	48.426250	103.428359	2287.40	2282.50	4.90	FBE	50.1	50.5	NB6551-3F	NB6551-3F		
3/4/2014	3546	NB6551-3F	50.1	SM3230	0.322		1685+64.4		168564.4	8 IN	X56	XR	48.426113	103.428361	2288.50	2283.80	4.70	FBE	50.5	50.3	NB6549-5F	NB6551-3F		
3/4/2014	3547	NB6549-5F	50.5	SM3231	0.322		1686+14.9		168614.9	8 IN	X56	XR	48.425975	103.428361	2292.30	2287.50	4.80	FBE	50.4	50.1	NB6549-8F	NB6551-3F		
3/4/2014	3548	NB6549-8F	50.4	SM3232	0.322		1686+65.3		168665.3	8 IN	X56	XR	48.425837	103.428362	2293.50	2288.40	5.10	FBE	47.6	50.5	NB6550-12F	NB6549-5F		
3/4/2014	3549	NB6550-12F	47.6	SMT395	0.322		1687+12.9		168712.9	8 IN	X56	XR	48.425706	103.428361	2292.50	2287.90	4.60	FBE	6.2	50.4	NB6550-12F	NB6549-8F		
3/4/2014	3550	NB6550-12F	6.2	SM3233	0.322		1687+19.1		168719.1	8 IN	X56	XR	48.425689	103.428361	2292.50	2287.50	5.00	FBE	50.2	47.6	NB6550-12F	NB6550-12F		
3/4/2014	3551	NB6550-12F	50.2	SMT396	0.322		1687+69.3		168769.3	8 IN	X56	XR	48.425552	103.428359	2291.20	2285.30	5.90	FBE	41.2	6.2	D48763	NB6550-12F		
3/4/2014	3552BR	D48763	41.2	SMB308		CALCULATED BORE	1688+10.5		168810.5		X56	XR	48.425441	103.428360	2290.68	2277.47	13.21	ARO	41.2	50.2	D48763	NB6550-12F		NOTE 1
3/4/2014	3553BR	D48763	41.2	SMB309		CALCULATED BORE	1688+51.7		168851.7		X56	XR	48.425328	103.428361	2290.69	2274.65	16.04	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3554BR	D48763	41.2	SMB310		CALCULATED BORE	1688+92.9		168892.9		X56	XR	48.425215	103.428362	2290.72	2276.90	13.82	ARO	42.6	41.2	D48763	D48763		NOTE 1
3/4/2014	3555BR	D48763	42.6	SMT393	0.322		1689+35.5		168935.5	8 IN	X56	XR	48.425101	103.428363	2290.10	2284.50	5.60	FBE	31.8	41.2	NC0747-172	D48763		
3/4/2014	3556	NC0747-172	31.8	SMT394	0.322		1689+67.3		168967.3	8 IN	X56	XR	48.425013	103.428360	2290.40	2285.80	4.60	FBE	50.6	42.6	NB6549-7F	D48763		
3/4/2014	3557	NB6549-7F	50.6	SM3234	0.322		1690+17.9		169017.9	8 IN	X56	XR	48.424875	103.428359	2290.00	2285.20	4.80	FBE	50.2	31.8	NC0749-170	NC0747-172		
3/4/2014	3558	NC0749-170	50.2	SM3235	0.322		1690+68.1		169068.1	8 IN	X56	XR	48.424737	103.428362	2291.10	2286.50	4.60	FBE	50.2	50.6	NC0749-169	NB6549-7F		
3/4/2014	3559	NC0749-169	50.2	SM3236	0.322		1691+18.3		169118.3	8 IN	X56	XR	48.424600	103.428364	2293.70	2289.40	4.30	FBE	50.3	50.2	NC0747-172	NC0749-170		
3/4/2014	3560	NC0747-172	50.3	SM3237	0.322		1691+68.6		169168.6	8 IN	X56	XR	48.424462	103.428366	2297.50	2292.80	4.70	FBE	50.2	50.2	NC0741-176	NC0749-169		
3/4/2014	3561	NC0741-176	50.2	SM3238	0.322		1692+18.9		169218.9	8 IN	X56	XR	48.424325	103.428365	2302.60	2296.90	5.70	FBE	50.3	50.3	NC0746-166	NC0747-172		
3/4/2014	3562	NC0746-166	50.3	SM3239	0.322		1692+69.2		169269.2	8 IN	X56	XR	48.424188	103.428364	2306.90	2302.20	4.70	FBE	50.3	50.2	NC0747-172	NC0741-176		
3/4/2014	3563	NC0747-172	50.3	SM3240	0.322		1693+19.4		169319.4	8 IN	X56	XR	48.424050	103.428364	2308.20	2303.50	4.70	FBE	50.4	50.3	NB6549-8F	NC0746-166		
3/4/2014	3564	NB6549-8F	50.4	SM3241	0.322		1693+69.8		169369.8	8 IN	X56	XR	48.423912	103.428366	2306.20	2300.80	5.40	FBE	50.2	50.3	NB6549-7F	NC0747-172		
3/4/2014	3565	NB6549-7F	50.2	SM3242	0.322		1694+20.0		169420.0	8 IN	X56	XR	48.423775	103.428368	2302.60	2297.50	5.10	FBE	50.4	50.4	NB6550-10F	NB6549-8F		
3/4/2014	3566	NB6550-10F	50.4	SM3243	0.322		1694+70.4		169470.4	8 IN	X56	XR	48.423637	103.428368	2298.20	2293.40	4.80	FBE	50.2	50.2	NC0745-113	NB6549-7F		
3/4/2014	3567	NC0745-113	50.2	SMT400	0.322		1695+20.6		169520.6	8 IN	X56	XR	48.423500	103.428366	2293.40	2288.90	4.50	FBE	38.9	50.4	TC1211-120	NB6550-10F		
3/4/2014	3568	TC1211-120	38.9	SM3244R	0.322		1695+59.5		169559.5	8 IN	X56	XR	48.423394	103.428365	2289.30	2284.60	4.70	FBE	50.3	50.2	TC1211-120	NC0745-113		
3/4/2014	3569	TC1211-120	50.3	SMT401	0.322		1696+09.8		169609.8	8 IN	X56	XR	48.423257	103.428363	2285.50	2280.50	5.00	FBE	50.3	38.9	NC0747-132	TC1211-120		
3/4/2014	3570	NC0747-132	50.3	SM3245	0.322		1696+60.1		169660.1	8 IN	X56	XR	48.423119	103.428362	2285.30	2279.80	5.50	FBE	49.9	50.3	SC1213-119	TC1211-120		
3/4/2014	3571	SC1213-119	49.9	SM3246	0.322		1697+09.9		169709.9	8 IN	X56	XR	48.422983	103.428361	2287.70	2283.30	4.40	FBE	50.7	50.3	SC1215-122	NC0747-132		
3/4/2014	3572	SC1215-122	50.7	SM3247	0.322		1697+60.6		169760.6	8 IN	X56	XR	48.422845	103.428360	2292.70	2288.60	4.10	FBE	38.2	49.9	NC0745-113	SC1213-119		
3/4/2014	3573	NC0745-113	38.2	SMT402	0.322		1697+98.8		169798.8	8 IN	X56	XR	48.422741	103.428356	2296.10	2291.50	4.60	FBE	50.2	50.7	SC1210-127	SC1215-122		
3/4/2014	3574	SC1210-127	50.2	SMT403	0.322		1698+48.9	P.I. < 4°14'09" LT.	169848.9	8 IN	X56	XR	48.422603	103.428364	2294.60	2289.80	4.80	FBE	41.2	38.2	D48763	NC0745-113		
3/4/2014	3575BR	D48763	41.2	SMB311		CALCULATED BORE	1698+90.1		169890.1		X56	XR	48.422492	103.428367	2296.13	2282.36	13.77	ARO	41.2	50.2	D48763	SC1210-127		NOTE 1
3/4/2014	3576BR	D48763	41.2	SMB312		CALCULATED BORE	1699+31.3		169931.3		X56	XR	48.422380	103.428369	2297.61	2279.08	18.53	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3577BR	D48763	41.2	SMB313		CALCULATED BORE	1699+72.5		169972.5		X56	XR	48.422267	103.428371	2299.13	2279.99	19.14	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3578BR	D48763	41.2	SMB314		CALCULATED BORE	1700+13.7		170013.7		X56	XR	48.422155	103.428373	2299.20	2285.09	14.11	ARO	32.8	41.2	D48765	D48763		NOTE 1
3/4/2014	3579BR	D48765	32.8	SMT407	0.322		1700+46.5		170046.5	8 IN	X56	XR	48.422067	103.428375	2299.40	2292.10	7.30	ARO	35.2	41.2	SC1210-120	D48763		
3/4/2014	3580	SC1210-120	35.2	SMT408	0.322		1700+81.7		170081.7	8 IN	X56	XR	48.421972	103.428375	2303.30	2298.00	5.30	FBE	50.3	32.8	SC1213-119	D48765		
3/4/2014	3581	SC1213-119	50.3	SM3248	0.322		1701+32.0		170132.0	8 IN	X56	XR	48.421835	103.428377	2306.80	2301.40	5.40	FBE	50.2	35.2	SC1212-129	SC1210-120		
3/4/2014	3582	SC1212-129	50.2	SM3249	0.322		1701+82.2		170182.2	8 IN	X56	XR	48.421697	103.428380	2306.40	2301.70	4.70	FBE	50.2	50.3	SC1215-117	SC1213-119		
3/4/2014	3583	SC1215-117	50.2	SM3250	0.322		1702+32.4		170232.4	8 IN	X56	XR	48.421559	103.428381	2305.00	2300.10	4.90	FBE	50.5	50.2	NC0747-132	SC1212-129		
3/4/2014	3584	NC0747-132	50.5	SM3251	0.322		1702+82.9		170282.9	8 IN	X56	XR	48.421421	103.428383	2303.90	2299.30	4.60	FBE	36.4	50.2	NC0744-100	SC1215-117		
3/4/2014	3585	NC0744-100	36.4	SM3252	0.322		1703+19.3		170319.3	8 IN	X56	XR	48.421321	103.428381	2303.30	2298.50	4.80	FBE	50.2	50.5	SC1214-130	NC0747-132		
3/4/2014	3586	SC1214-130	50.2	SM3253	0.322		1703+69.5		170369.5	8 IN	X56	XR	48.421184	103.428380	2302.90	2298.20	4.70	FBE	50.2	36.4	SC1215-117	NC0744-100		
3/4/2014	3587	SC1215-117	50.2	SM3254	0.322		1704+19.7		170419.7	8 IN	X56	XR	48.421046	103.428379	2304.20	2299.20	5.00	FBE	50.4	50.2	SC1212-173	SC1214-130		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 227	SHEET No. 127 OF 149

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As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3588	SC1212-173	50.4	SM3255	0.322		1704+70.1		170470.1	8 IN	X56	XR	48.420908	103.428380	2305.00	2300.20	4.80	FBE	50.3	50.2	SC1212-121	SC1215-117		
3/4/2014	3589	SC1212-121	50.3	SM3256	0.322		1705+20.4		170520.4	8 IN	X56	XR	48.420770	103.428381	2302.40	2297.40	5.00	FBE	49.6	50.4	NC0744-116	SC1212-173		
3/4/2014	3590	NC0744-116	49.6	SM3257	0.322		1705+70.0		170570.0	8 IN	X56	XR	48.420635	103.428381	2300.20	2294.20	6.00	FBE	50.2	50.3	SC1214-130	SC1212-121		
3/4/2014	3591	SC1214-130	50.2	SM3258	0.322		1706+20.2		170620.2	8 IN	X56	XR	48.420497	103.428383	2298.20	2293.00	5.20	FBE	49.8	49.6	SC1215-117	NC0744-116		
3/4/2014	3592	SC1215-117	49.8	SM3259	0.322		1706+70.0		170670.0	8 IN	X56	XR	48.420361	103.428384	2298.30	2293.20	5.10	FBE	50.3	50.2	SC1210-125	SC1214-130		
3/4/2014	3593	SC1210-125	50.3	SM3260	0.322		1707+20.3		170720.3	8 IN	X56	XR	48.420223	103.428384	2298.40	2293.40	5.00	FBE	50.4	49.8	SC1210-123	SC1215-117		
3/4/2014	3594	SC1210-123	50.4	SM3261	0.322		1707+70.6		170770.6	8 IN	X56	XR	48.420085	103.428386	2299.00	2294.10	4.90	FBE	50.2	50.3	SC1210-123	SC1210-125		
3/4/2014	3595	SC1210-123	50.2	SM3262	0.322		1708+20.9		170820.9	8 IN	X56	XR	48.419947	103.428386	2300.20	2295.50	4.70	FBE	50.3	50.4	SC1215-122	SC1210-123		
3/4/2014	3596	SC1215-122	50.3	SM3263	0.322		1708+71.2		170871.2	8 IN	X56	XR	48.419809	103.428387	2301.10	2296.60	4.50	FBE	39.5	50.2	NC0744-116	SC1210-123		
3/4/2014	3597	NC0744-116	39.5	SMT404	0.322		1709+10.7	P.I. < 2°56'35" LT.	170910.7	8 IN	X56	XR	48.419701	103.428391	2300.60	2295.90	4.70	FBE	4.6	50.3	C30174	SC1215-122		
3/4/2014	F48	C30174	4.6	SMT405	0.322	FACTORY BEND	1709+15.4	P.I. < 2°35'14" LT.	170915.4	8 IN	X56	XR	48.419689	103.428387	2300.60	2295.70	4.90	FBE	50.3	39.5	SC1214-130	NC0744-116		
3/4/2014	3598	SC1214-130	50.3	SMT406	0.322		1709+65.7		170965.7	8 IN	X56	XR	48.419561	103.428311	2297.60	2292.60	5.00	FBE	50.3	4.6	SC1210-123	C30174		
3/4/2014	3599	SC1210-123	50.3	SM3264	0.322		1710+15.9		171015.9	8 IN	X56	XR	48.419433	103.428234	2293.20	2288.20	5.00	FBE	50.3	50.3	TC1211-118	SC1214-130		
3/4/2014	3600	TC1211-118	50.3	SM3265	0.322		1710+66.2		171066.2	8 IN	X56	XR	48.419305	103.428158	2289.70	2284.90	4.80	FBE	50.3	50.3	NC0744-116	SC1210-123		
3/4/2014	3601	NC0744-116	50.3	SM3266	0.322		1711+16.5		171116.5	8 IN	X56	XR	48.419178	103.428081	2286.30	2280.90	5.40	FBE	49.8	50.3	NC0744-114	TC1211-118		
3/4/2014	3602	NC0744-114	49.8	SM3267	0.322		1711+66.3		171166.3	8 IN	X56	XR	48.419053	103.428003	2280.40	2274.60	5.80	FBE	50.3	50.3	NC0744-114	NC0744-116		
3/4/2014	3603	NC0744-114	50.3	SM3268	0.322		1712+16.6		171216.6	8 IN	X56	XR	48.418926	103.427924	2281.50	2276.50	5.00	FBE	50.3	49.8	NC0745-131	NC0744-114		
3/4/2014	3604	NC0745-131	50.3	SM3269	0.322		1712+66.8		171266.8	8 IN	X56	XR	48.418799	103.427844	2283.30	2277.90	5.40	FBE	50.4	50.3	SC1210-174	NC0744-114		
3/4/2014	3605	SC1210-174	50.4	SM3270	0.322		1713+17.2		171317.2	8 IN	X56	XR	48.418672	103.427764	2280.30	2274.80	5.50	FBE	50.1	50.3	SC1210-174	NC0745-131		
3/4/2014	3606	SC1210-174	50.1	SM3271	0.322		1713+67.3		171367.3	8 IN	X56	XR	48.418546	103.427686	2285.70	2281.10	4.60	FBE	50.2	50.4	NC0749-169	SC1210-174		
3/4/2014	3607	NC0749-169	50.2	SM3272	0.322		1714+17.5		171417.5	8 IN	X56	XR	48.418419	103.427608	2289.10	2284.40	4.70	FBE	50.0	50.1	SC1210-168	SC1210-174		
3/4/2014	3608	SC1210-168	50.0	SM3273	0.322		1714+67.5		171467.5	8 IN	X56	XR	48.418293	103.427528	2289.70	2284.40	5.30	FBE	50.2	50.2	SC1210-168	NC0749-169		
3/4/2014	3609	SC1210-168	50.2	SM3274	0.322		1715+17.7		171517.7	8 IN	X56	XR	48.418166	103.427448	2288.80	2284.00	4.80	FBE	49.5	50.0	NC0746-170	SC1210-168		
3/4/2014	3610	NC0746-170	49.5	SM3275	0.322		1715+67.3		171567.3	8 IN	X56	XR	48.418040	103.427372	2287.00	2281.10	5.90	FBE	48.5	50.2	NB6551-3F	SC1210-168		
3/4/2014	3611	NB6551-3F	48.5	SM3276	0.322		1716+15.7		171615.7	8 IN	X56	XR	48.417917	103.427298	2283.50	2278.80	4.70	FBE	49.5	49.5	SC1210-174	NC0746-170		
3/4/2014	3612	SC1210-174	49.5	SM3277	0.322		1716+65.3		171665.3	8 IN	X56	XR	48.417791	103.427221	2282.20	2277.70	4.50	FBE	50.2	48.5	NB6549-7F	NB6551-3F		
3/4/2014	3613	NB6549-7F	50.2	SM3278	0.322		1717+15.5		171715.5	8 IN	X56	XR	48.417664	103.427144	2283.80	2277.10	6.70	FBE	50.4	49.5	NC0749-167	SC1210-174		
3/4/2014	3614	NC0749-167	50.4	SM3279	0.322		1717+65.9		171765.9	8 IN	X56	XR	48.417535	103.427067	2283.80	2277.60	6.20	FBE	50.2	50.2	SC1210-168	NB6549-7F		
3/4/2014	3615	SC1210-168	50.2	SM3280	0.322		1718+16.1		171816.1	8 IN	X56	XR	48.417408	103.426990	2283.60	2277.70	5.90	FBE	50.4	50.4	NC0747-172	NC0749-167		
3/4/2014	3616	NC0747-172	50.4	SM3281	0.322		1718+66.5		171866.5	8 IN	X56	XR	48.417280	103.426912	2282.10	2277.60	4.50	FBE	50.2	50.2	NB6551-11F	SC1210-168		
3/4/2014	3617	NB6551-11F	50.2	SM3282	0.322		1719+16.7		171916.7	8 IN	X56	XR	48.417152	103.426834	2282.60	2277.90	4.70	FBE	50.3	50.4	NC0747-172	NC0747-172		
3/4/2014	3618	NC0747-172	50.3	SM3283	0.322		1719+67.1		171967.1	8 IN	X56	XR	48.417025	103.426755	2283.80	2279.30	4.50	FBE	50.1	50.2	NB6549-13F	NB6551-11F		
3/4/2014	3619	NB6549-13F	50.1	SM3284	0.322		1720+17.1		172017.1	8 IN	X56	XR	48.416898	103.426676	2283.80	2279.30	4.50	FBE	46.6	50.3	NB6550-12F	NC0747-172		
3/4/2014	3620	NB6550-12F	46.6	SM3285	0.322		1720+63.7		172063.7	8 IN	X56	XR	48.416781	103.426600	2283.60	2279.10	4.50	FBE	50.0	50.1	NB6549-8F	NB6549-13F		
3/4/2014	3621	NB6549-8F	50.0	SM3286	0.322		1721+13.7		172113.7	8 IN	X56	XR	48.416655	103.426517	2281.70	2277.30	4.40	FBE	50.4	46.6	NB6549-7F	NB6550-12F		
3/4/2014	3622	NB6549-7F	50.4	SM3287	0.322		1721+64.1		172164.1	8 IN	X56	XR	48.416528	103.426436	2278.30	2273.40	4.90	FBE	50.1	50.0	NB6551-11F	NB6549-8F		
3/4/2014	3623	NB6551-11F	50.1	SM3288	0.322		1722+14.2		172214.2	8 IN	X56	XR	48.416402	103.426359	2272.30	2267.60	4.70	FBE	48.7	50.4	NB6550-14F	NB6549-7F		
3/4/2014	3624	NB6550-14F	48.7	SM3289	0.322		1722+62.9		172262.9	8 IN	X56	XR	48.416280	103.426286	2264.30	2259.30	5.00	FBE	50.0	50.1	NB6551-11F	NB6551-11F		
3/4/2014	3625	NB6551-11F	50.0	SM3290	0.322		1723+12.9		172312.9	8 IN	X56	XR	48.416154	103.426213	2256.60	2251.80	4.80	FBE	50.4	48.7	NB6549-5F	NB6550-14F		
3/4/2014	3626	NB6549-5F	50.4	SM3291	0.322		1723+63.3		172363.3	8 IN	X56	XR	48.416026	103.426136	2249.70	2245.30	4.40	FBE	50.0	50.0	NB6549-8F	NB6551-11F		
3/4/2014	3627	NB6549-8F	50.0	SM3292	0.322		1724+13.3		172413.3	8 IN	X56	XR	48.415900	103.426058	2245.40	2241.30	4.10	FBE	50.1	50.4	NB6550-2F	NB6549-5F		
3/4/2014	3628	NB6550-2F	50.1	SM3293	0.322		1724+63.4		172463.4	8 IN	X56	XR	48.415773	103.425980	2245.10	2241.00	4.10	FBE	49.7	50.0	NB6550-6F	NB6549-8F		
3/4/2014	3629	NB6550-6F	49.7	SM3294	0.322		1725+13.1		172513.1	8 IN	X56	XR	48.415647	103.425901	2246.20	2241.90	4.30	FBE	50.2	50.1	NB6549-7F	NB6550-2F		
3/4/2014	3630	NB6549-7F	50.2	SM3295	0.322		1725+63.3		172563.3	8 IN	X56	XR	48.415521	103.425819	2245.80	2240.90	4.90	FBE	50.4	49.7	NB6549-13F	NB6550-6F		
3/4/2014	3631	NB6549-13F	50.4	SM3296	0.322		1726+13.7		172613.7	8 IN	X56	XR	48.415395	103.425740	2238.70	2233.50	5.20	FBE	50.2	50.2	NB6550-14F	NB6549-7F		
3/4/2014	3632	NB6550-14F	50.2	SM3297	0.322		1726+63.8		172663.8	8 IN	X56	XR	48.415270	103.425663	2228.80	2223.90	4.90	FBE	50.3	50.4	NB6551-3F	NB6549-13F		
3/4/2014	3633	NB6551-3F	50.3	SM3298	0.322		1727+14.1		172714.1	8 IN	X56	XR	48.415144	103.425584	2222.10	2218.00	4.10	FBE	50.2	50.2	NB6549-5F	NB6550-14F		
3/4/2014	3634	NB6549-5F	50.2	SM3299	0.322		1727+64.3		172764.3	8 IN	X56	XR	48.415017	103.425505	2217.90	2213.40	4.50	FBE	50.3	50.3	NB6549-5F	NB6551-3F		
3/4/2014	3635	NB6549-5F	50.3	SM3300	0.322		1728+14.6		172814.6	8 IN	X56	XR	48.414890	103.425428	2215.00	2210.50	4.50	FBE	50.1	50.2	NB6550-10F	NB6549-5F		
3/4/2014	3636	NB6550-10F	50.1	SM3301	0.322		1728+64.7		172864.7	8 IN	X56	XR	48.414762	103.425352	2212.80	2208.30	4.50	FBE	50.2	50.3	NB6549-9F	NB6549-5F		
3/4/2014	3637	NB6549-9F	50.2	SM3302	0.322		1729+14.9		172914.9	8 IN	X56	XR	48.414635	103.425277	2208.40	2203.90	4.50	FBE	50.2	50.1	NB6550-1F	NB6550-10F		
3/4/2014	3638	NB6550-1F	50.2	SM3303	0.322		1729+65.1		172965.1	8 IN	X56	XR	48.414508	103.425199	2205.00	2199.80	5.20	FBE	49.9	50.2	NB6549-7F	NB6549-9F		
3/4/2014	3640	NB6549-7F	49.9	SM3304	0.322		1730+15.0		173015.0	8 IN	X56	XR	48.414381	103.425121	2206.70	2201.64	5.06	FBE	50.0	50.2	SC1214-130	NB6550-1F		
3/4/2014	3639	SC1214-130	50.0	SM3305	0.322		1730+65.0		173065.0	8 IN	X56	XR	48.414254	103.425044	2206.20	2201.27	4.93	FBE	50.2	49.9	SC1215-117	NB6549-7F		
3/4/2014	3641	SC1215-117	50.2	SM3306	0.322		1731+15.2		173115.2	8 IN	X56	XR	48.414126	103.424969	2203.20	2198.40	4.80	FBE	45.7	50.0	NC0745-113	SC1214-130		
3/4/2014	3642	NC0745-113	45.7	SMT397	0.322		1731+60.9		173160.9	8 IN	X56	XR	48.414011	103.424895	2204.50	2199.70	4.80	FBE	50.1	50.2	NC0745-113	SC1215-117		
3/4/2014	3643	NC0745-113	50.1	SM3307	0.322		1732+11.0		173211.0	8 IN	X56	XR	48.413884	103.424815	2204.40	2199.60	4.80	FBE	50.1	45.7	SC1215-122	NC0745-113		
3/4/2014	3644	SC1215-122	50.1	SM3308	0.322		1732+61.1		173261.1	8 IN	X56	XR	48.413757	103.424736	2206.50	2201.30	5.20	FBE	50.3	50.1	SC1215-117	NC0745-113		
3/4/2014	3645	SC1215-117	50.3	SM3309	0.322		1733+11.5		173311.5	8 IN	X56	XR	48.413630	103.424657	2209.00	2203.30	5.70	FBE	50.3	50.1	TC1211-118	SC1215-122		
3/4/2014	3646	TC1211-118	50.3	SM3310	0.322		1733+61.8		173361.8	8 IN	X56	XR	48.413502	103.424580	2211.00	2205.70	5.30	FBE	50.2	50.3	NC0746-126	SC1215-117		
3/4/2014	3647	NC0746-126	50.2	SM3311	0.322		1734+12.0		173412.0	8 IN	X56	XR	48.413375	103.424504	2216.00	2209.90	6.10	FBE	50.4	50.3	NC0749-124	TC1211-118		
3/4/2014	3648	NC0749-124	50.4	SM3312	0.322		1734+62.4		173462.4	8 IN	X56	XR	48.413248	103.424425	2222.20	2216.60	5.60	FBE	50.3	50.2	NC0749-124	NC0746-126		
3/4/2014	3649	NC0749-124	50.3	SM3313	0.322		1735+12.7		173512.7	8 IN	X56	XR	48.413122	103.424344	2225.00	2219.60	5.40	FBE	50.3	50.4	SC1210-125	NC0749-124		
3/4/2014	3650	SC1210-125	50.3	SM3314	0.322		1735+63.0		173563.0	8 IN	X56	XR	48.412995	103.424263	2223.50	2218.90	4.60	FBE	49.6	50.3	SC1210-125	NC0749-124		
3/4/2014	3651	SC1210-125	49.6	SM3315	0.322		1736+12.5		173612.5	8 IN	X56	XR	48.412870	103.424185	2220.90	2215.10	5.80	FBE	50.2	50.3	NC0744-116	SC1210-125		
3/4/2014	3652	NC0744-116	50.2	SM3316	0.322		1736+62.8		173662.8	8 IN	X56	XR	48.412743	103.424106	2216.00	2210.80	5.20	FBE	50.3	49.6	NC0745-131	SC1210-125		
3/4/2014	3653	NC0745-131	50.3	SM3317	0.322		1737+13.0		173713.0	8 IN	X56	XR	48.412616	103.424027	2211.10	2206.10	5.00	FBE	50.3	50.2	SC1212-129	NC0744-116		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 228	SHEET No. 128 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3654	SC1212-129	50.3	SM3318	0.322		1737+63.3		173763.3	8 IN	X56	XR	48.412490	103.423947	2206.50	2201.40	5.10	FBE	50.4	50.3	NC0742-112	NC0745-131		
3/4/2014	3655	NC0742-112	50.4	SM3319	0.322		1738+13.7		173813.7	8 IN	X56	XR	48.412363	103.423869	2201.70	2196.20	5.50	FBE	50.3	50.3	SC1212-128	SC1212-129		
3/4/2014	3656	SC1212-128	50.3	SM3320	0.322		1738+64.0		173864.0	8 IN	X56	XR	48.412236	103.423793	2195.20	2190.00	5.20	FBE	50.2	50.4	SC1212-129	NC0742-112		
3/4/2014	3657	SC1212-129	50.2	SM3321R	0.322		1739+14.2		173914.2	8 IN	X56	XR	48.412109	103.423716	2190.00	2184.60	5.40	FBE	50.3	50.3	NC0744-116	SC1212-128		
3/4/2014	3658	NC0744-116	50.3	SM3322	0.322		1739+64.4		173964.4	8 IN	X56	XR	48.411982	103.423637	2185.60	2180.30	5.30	FBE	48.0	50.2	TC1211-108	SC1212-129		
3/4/2014	3659	TC1211-108	48.0	SM3323	0.322		1740+12.5		174012.5	8 IN	X56	XR	48.411860	103.423562	2182.30	2177.50	4.80	FBE	49.5	50.3	TC1211-120	NC0744-116		
3/4/2014	3660	TC1211-120	49.5	SM3324R	0.322		1740+61.9		174061.9	8 IN	X56	XR	48.411735	103.423484	2179.60	2174.30	5.30	FBE	50.1	48.0	SC1212-129	TC1211-108		
3/4/2014	3661	SC1212-129	50.1	SM3325	0.322		1741+12.1		174112.1	8 IN	X56	XR	48.411609	103.423405	2175.70	2170.70	5.00	FBE	50.3	49.5	NC0745-113	TC1211-120		
3/4/2014	3662	NC0745-113	50.3	SM3326	0.322		1741+62.3		174162.3	8 IN	X56	XR	48.411482	103.423325	2171.50	2166.50	5.00	FBE	50.3	50.1	NC0746-126	SC1212-129		
3/4/2014	3663	NC0746-126	50.3	SM3327R	0.322		1742+12.7		174212.7	8 IN	X56	XR	48.411355	103.423247	2167.40	2162.40	5.00	FBE	49.8	50.3	NC0745-113	NC0745-131		
3/4/2014	3664	NC0745-131	49.8	SM3328R	0.322		1742+62.4		174262.4	8 IN	X56	XR	48.411229	103.423171	2163.60	2158.30	5.30	FBE	50.3	50.3	NC0745-131	NC0746-126		
3/4/2014	3665	NC0745-131	50.3	SM3329	0.322		1743+12.7		174312.7	8 IN	X56	XR	48.411101	103.423095	2159.10	2154.20	4.90	FBE	50.4	49.8	NC0745-131	NC0745-131		
3/4/2014	3666	NC0745-131	50.4	SM3330	0.322		1743+63.1		174363.1	8 IN	X56	XR	48.410973	103.423019	2155.40	2150.10	5.30	FBE	50.3	50.3	SC1214-130	NC0745-131		
3/4/2014	3667	SC1214-130	50.3	SM3331	0.322		1744+13.4		174413.4	8 IN	X56	XR	48.410846	103.422941	2151.00	2146.30	4.70	FBE	49.7	50.4	TC1211-108	NC0745-131		
3/4/2014	3668	TC1211-108	49.7	SM3332	0.322		1744+63.1		174463.1	8 IN	X56	XR	48.410719	103.422866	2148.10	2143.80	4.30	FBE	50.3	50.3	SC1215-117	SC1214-130		
3/4/2014	3669	SC1215-117	50.3	SM3333	0.322		1745+13.4		174513.4	8 IN	X56	XR	48.410591	103.422790	2146.40	2142.20	4.20	FBE	50.2	49.7	SC1215-122	TC1211-108		
3/4/2014	3670	SC1215-122	50.2	SM3334	0.322		1745+63.6		174563.6	8 IN	X56	XR	48.410463	103.422713	2145.60	2141.10	4.50	FBE	50.4	50.3	TC1211-120	SC1215-117		
3/4/2014	3671	TC1211-120	50.4	SM3335	0.322		1746+14.0		174614.0	8 IN	X56	XR	48.410336	103.422634	2144.30	2139.20	5.10	FBE	44.4	50.2	SC1214-106	SC1215-122		
3/4/2014	3672	SC1214-106	44.4	SM3336	0.322		1746+58.4		174658.4	8 IN	X56	XR	48.410223	103.422564	2142.30	2137.20	5.10	FBE	50.3	50.4	SC1213-119	TC1211-120		
3/4/2014	3673	SC1213-119	50.3	SM3337	0.322		1747+08.7		174708.7	8 IN	X56	XR	48.410096	103.422484	2140.30	2135.30	5.00	FBE	50.3	44.4	SC1213-119	SC1214-106		
3/4/2014	3674	SC1213-119	50.3	SM3338	0.322		1747+59.0		174759.0	8 IN	X56	XR	48.409969	103.422404	2138.40	2133.60	4.80	FBE	50.2	50.3	NC0748-134	SC1213-119		
3/4/2014	3675	NC0748-134	50.2	SM3339	0.322		1748+09.2		174809.2	8 IN	X56	XR	48.409842	103.422325	2136.10	2131.30	4.80	FBE	50.2	50.3	NC0749-124	SC1213-119		
3/4/2014	3676	NC0749-124	50.2	SM3340	0.322		1748+59.4		174859.4	8 IN	X56	XR	48.409715	103.422245	2133.10	2128.60	4.50	FBE	50.3	50.2	TC1211-120	NC0748-134		
3/4/2014	3677	TC1211-120	50.3	SM3341	0.322		1749+09.8		174909.8	8 IN	X56	XR	48.409588	103.422166	2131.10	2126.60	4.50	FBE	50.3	50.2	SC1213-119	NC0749-124		
3/4/2014	3678	SC1213-119	50.3	SM3342	0.322		1749+60.1		174960.1	8 IN	X56	XR	48.409460	103.422088	2129.40	2124.90	4.50	FBE	50.2	50.3	NC0748-134	TC1211-120		
3/4/2014	3679	NC0748-134	50.2	SM3343	0.322		1750+10.3		175010.3	8 IN	X56	XR	48.409333	103.422010	2128.20	2123.20	5.00	FBE	50.2	50.3	NC0748-134	SC1213-119		
3/4/2014	3680	NC0748-134	50.2	SM3344	0.322		1750+60.5		175060.5	8 IN	X56	XR	48.409206	103.421931	2126.80	2121.90	4.90	FBE	49.6	50.2	SC1213-119	NC0748-134		
3/4/2014	3681	SC1213-119	49.6	SM3345	0.322		1751+10.1		175110.1	8 IN	X56	XR	48.409080	103.421852	2126.40	2121.50	4.90	FBE	50.3	50.2	SC1212-121	NC0748-134		
3/4/2014	3682	SC1212-121	50.3	SM3346	0.322		1751+60.4		175160.4	8 IN	X56	XR	48.408953	103.421773	2125.10	2120.30	4.80	FBE	49.8	49.6	NC0748-134	SC1213-119		
3/4/2014	3683	NC0748-134	49.8	SM3347	0.322		1752+10.3		175210.3	8 IN	X56	XR	48.408827	103.421695	2124.10	2119.00	5.10	FBE	49.5	50.3	SC1213-119	SC1212-121		
3/4/2014	3684	SC1213-119	49.5	SM3348	0.322		1752+59.8		175259.8	8 IN	X56	XR	48.408701	103.421619	2122.10	2116.90	5.20	FBE	50.2	49.8	NC0748-134	NC0748-134		
3/4/2014	3685	NC0748-134	50.2	SM3349	0.322		1753+10.0		175310.0	8 IN	X56	XR	48.408574	103.421540	2120.30	2115.40	4.90	FBE	50.4	49.5	SC1212-121	SC1213-119		
3/4/2014	3686	SC1212-121	50.4	SM3350	0.322		1753+60.4		175360.4	8 IN	X56	XR	48.408446	103.421461	2118.60	2113.80	4.80	FBE	50.2	50.2	SC1212-129	NC0748-134		
3/4/2014	3687	SC1212-129	50.2	SM3351	0.322		1754+10.6		175410.6	8 IN	X56	XR	48.408319	103.421383	2117.20	2112.30	4.90	FBE	50.2	50.4	SC1215-122	SC1212-121		
3/4/2014	3688	SC1215-122	50.2	SM3352	0.322		1754+60.8		175460.8	8 IN	X56	XR	48.408192	103.421304	2116.10	2111.10	5.00	FBE	49.0	50.2	SC1210-127	SC1212-129		
3/4/2014	3689	SC1210-127	49.0	SM3353	0.322		1755+09.8		175509.8	8 IN	X56	XR	48.408067	103.421228	2115.10	2110.70	4.40	FBE	49.5	50.2	SC1210-123	SC1215-122		
3/4/2014	3690	SC1210-123	49.5	SM3354	0.322		1755+59.3		175559.3	8 IN	X56	XR	48.407942	103.421151	2114.40	2109.70	4.70	FBE	50.4	49.0	TC1211-120	SC1210-127		
3/4/2014	3691	TC1211-120	50.4	SM3355	0.322		1756+09.6		175609.6	8 IN	X56	XR	48.407814	103.421073	2113.00	2108.50	4.50	FBE	50.3	49.5	SC1212-121	SC1210-123		
3/4/2014	3692	SC1212-121	50.3	SM3356	0.322		1756+59.9		175659.9	8 IN	X56	XR	48.407686	103.420995	2112.10	2107.60	4.50	FBE	50.0	50.4	NC0742-112	TC1211-120		
3/4/2014	3693	NC0742-112	50.0	SM3357	0.322		1757+09.9		175709.9	8 IN	X56	XR	48.407560	103.420916	2111.40	2106.80	4.60	FBE	50.2	50.3	SC1214-107	SC1212-121		
3/4/2014	3694	SC1214-107	50.2	SM3358	0.322		1757+60.1		175760.1	8 IN	X56	XR	48.407432	103.420838	2110.10	2105.60	4.50	FBE	50.3	50.0	NC0742-112	NC0742-112		
3/4/2014	3695	NC0742-112	50.3	SM3359	0.322		1758+10.4		175810.4	8 IN	X56	XR	48.407305	103.420758	2109.20	2104.40	4.80	FBE	50.2	50.2	SC1213-119	SC1214-107		
3/4/2014	3696	SC1213-119	50.2	SM3360	0.322		1758+60.6		175860.6	8 IN	X56	XR	48.407178	103.420680	2108.80	2103.90	4.90	FBE	50.3	50.3	TC1211-108	NC0742-112		
3/4/2014	3697	TC1211-108	50.3	SM3361	0.322		1759+10.9		175910.9	8 IN	X56	XR	48.407050	103.420600	2107.60	2103.00	4.60	FBE	50.2	50.2	SC1215-117	SC1213-119		
3/4/2014	3698	SC1215-117	50.2	SM3362	0.322		1759+61.2		175961.2	8 IN	X56	XR	48.406923	103.420522	2106.50	2102.10	4.40	FBE	49.9	50.3	SC1212-129	TC1211-108		
3/4/2014	3699	SC1212-129	49.9	SM3363	0.322		1760+11.0		176011.0	8 IN	X56	XR	48.406796	103.420445	2105.90	2101.00	4.90	FBE	50.2	50.2	NC0744-116	SC1215-117		
3/4/2014	3700	NC0744-116	50.2	SM3364	0.322		1760+61.2		176061.2	8 IN	X56	XR	48.406669	103.420368	2105.20	2100.50	4.70	FBE	49.8	49.9	SC1214-130	SC1212-129		
3/4/2014	3701	SC1214-130	49.8	SM3365	0.322		1761+11.0		176111.0	8 IN	X56	XR	48.406542	103.420292	2104.40	2100.10	4.30	FBE	50.1	50.2	NC0744-116	NC0744-116		
3/4/2014	3702	NC0744-116	50.1	SM3366	0.322		1761+61.1		176161.1	8 IN	X56	XR	48.406414	103.420215	2104.50	2100.30	4.20	FBE	50.1	49.8	SC1210-127	SC1214-130		
3/4/2014	3703	SC1210-127	50.1	SM3367	0.322		1762+11.3		176211.3	8 IN	X56	XR	48.406287	103.420137	2104.10	2099.60	4.50	FBE	50.4	50.1	SC1210-127	NC0744-116		
3/4/2014	3704	SC1210-127	50.4	SM3368	0.322		1762+61.6		176261.6	8 IN	X56	XR	48.406159	103.420058	2103.30	2098.70	4.60	FBE	41.6	50.1	NC0745-113	SC1210-127		
3/4/2014	3705	NC0745-113	41.6	SM3369	0.322		1763+03.3		176303.3	8 IN	X56	XR	48.406054	103.419992	2103.20	2098.60	4.60	FBE	50.1	50.4	NC0749-133	SC1210-127		
3/4/2014	3706	NC0749-133	50.1	SM3370	0.322		1763+53.3		176353.3	8 IN	X56	XR	48.405928	103.419912	2103.60	2099.10	4.50	FBE	50.3	41.6	TC1211-120	NC0745-113		
3/4/2014	3707	TC1211-120	50.3	SM3371	0.322		1764+03.6		176403.6	8 IN	X56	XR	48.405801	103.419830	2102.30	2098.20	4.10	FBE	50.3	50.1	SC1210-121	NC0749-133		
3/4/2014	3708	SC1210-121	50.3	SM3372	0.322		1764+54.0		176454.0	8 IN	X56	XR	48.405674	103.419749	2100.80	2096.70	4.10	FBE	40.9	50.3	NC0741-55	TC1211-120		
3/4/2014	3709	NC0741-55	40.9	SM3373	0.322		1764+94.9		176494.9	8 IN	X56	XR	48.405571	103.419684	2098.50	2094.30	4.20	FBE	50.4	50.3	TC1211-111	SC1210-121		
3/4/2014	3710	TC1211-111	50.4	SM3374	0.322		1765+45.3		176545.3	8 IN	X56	XR	48.405443	103.419605	2095.50	2091.00	4.50	FBE	50.1	40.9	NC0745-131	NC0741-55		
3/4/2014	3711	NC0745-131	50.1	SM3375	0.322		1765+95.4		176595.4	8 IN	X56	XR	48.405316	103.419528	2094.60	2089.90	4.70	FBE	50.1	50.4	NC0745-131	TC1211-111		
3/4/2014	3712	NC0745-131	50.1	SM3376	0.322		1766+45.5		176645.5	8 IN	X56	XR	48.405189	103.419449	2093.70	2089.50	4.20	FBE	50.3	50.1	NC0744-116	NC0745-131		
3/4/2014	3713	NC0744-116	50.3	SM3377	0.322		1766+95.8		176695.8	8 IN	X56	XR	48.405062	103.419369	2094.20	2089.40	4.80	FBE	50.4	50.1	SC1214-130	NC0745-131		
3/4/2014	3714	SC1214-130	50.4	SM3378	0.322		1767+46.2		176746.2	8 IN	X56	XR	48.404934	103.419289	2093.70	2088.00	5.70	FBE	49.6	50.3	TC1211-118	NC0744-116		
3/4/2014	3715	TC1211-118	49.6	SM3379	0.322		1767+95.8	P.I. < 2°50'08" RT.	176795.8	8 IN	X56	XR	48.404809	103.419211	2091.20	2086.50	4.70	FBE	49.9	50.4	SC1210-123	SC1214-130		
3/4/2014	3717	SC1210-123	49.9	SMT398	0.322		1768+45.7		176845.7	8 IN	X56	XR	48.404680	103.419141	2090.00	2085.30	4.70	FBE	15.2	49.6	TC1211-120	TC1211-118		
3/4/2014	3716	TC1211-120	15.2	SMT399	0.322		1768+61.0	P.I. < 2°14'14" LT.	176861.0	8 IN	X56	XR	48.404641	103.419120	2088.60	2083.50	5.10	FBE	41.2	49.9	D48765	SC1210-123		
3/4/2014	3720BR	D48765	41.2	SMB317		CALCULATED BORE	1769+02.2		176902.2		X56	XR	48.404539	103.419058	2085.55	2074.27	11.28	ARO	41.2	15.2	D48763	TC1211-120		NOTE 1
3/4/2014	3721BR	D48763	41.2	SMB318		CALCULATED BORE	1769+43.4		176943.4		X56	XR	48.404436	103.418995	2091.85	2067.26	24.59	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3722BR	D48765	41.2	SMB319		CALCULATED BORE	1769+84.6		176984.6		X56	XR	48.404332	103.418931	2098.31	2062.47	35.84	ARO	41.2	41.2	D48765	D48763		NOTE 1

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 229	SHEET No. 129 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL									Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3723BR	D48765	41.2	SMB320		CALCULATED BORE	1770+25.8		177025.8		X56	XR	48.404228	103.418867	2101.17	2059.93	41.24	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3724BR	D48765	41.2	SMB321		CALCULATED BORE	1770+67.0		177067.0		X56	XR	48.404124	103.418803	2087.40	2059.65	27.75	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3725BR	D48765	41.2	SMB322		CALCULATED BORE	1771+08.2		177108.2		X56	XR	48.404019	103.418739	2078.05	2061.62	16.43	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3726BR	D48765	41.2	SMB323		CALCULATED BORE	1771+49.4		177149.4		X56	XR	48.403915	103.418675	2078.39	2065.84	12.55	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3727BR	D48765	41.2	SMB324		CALCULATED BORE	1771+90.6		177190.6		X56	XR	48.403812	103.418612	2083.95	2072.29	11.66	ARO	36.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3728BR	D48765	36.2	SMT409	0.322		1772+26.8		177226.8	8 IN	X56	XR	48.403722	103.418557	2084.19	2079.80	4.39	ARO	45.6	41.2	NB6549-8F	D48765		
3/4/2014	3729	NB6549-8F	45.6	SMT410	0.322		1772+72.4		177272.4	8 IN	X56	XR	48.403607	103.418482	2085.20	2081.20	4.00	FBE	50.1	36.2	NC0748-165	D48765		
3/4/2014	3730	NC0748-165	50.1	SM3380	0.322		1773+22.5		177322.5	8 IN	X56	XR	48.403480	103.418405	2086.50	2081.90	4.60	FBE	43.9	45.6	NB6550-10F	NB6549-8F		
3/4/2014	3731	NB6550-10F	43.9	SM3381	0.322		1773+66.4		177366.4	8 IN	X56	XR	48.403368	103.418338	2087.70	2083.00	4.70	FBE	42.6	50.1	NB6551-3F	NC0748-165		
3/4/2014	3732	NB6551-3F	42.6	SM3382	0.322		1774+09.0		177409.0	8 IN	X56	XR	48.403260	103.418273	2088.50	2084.10	4.40	FBE	44.8	43.9	NB6549-15F	NB6550-10F		
3/4/2014	3733	NB6549-15F	44.8	SM3383	0.322		1774+53.8		177453.8	8 IN	X56	XR	48.403146	103.418202	2089.20	2084.20	5.00	FBE	39.1	42.6	NC0747-158	NB6551-3F		
3/4/2014	3734	NC0747-158	39.1	SM3384	0.322		1774+92.9		177492.9	8 IN	X56	XR	48.403048	103.418139	2089.90	2084.40	5.50	FBE	50.2	44.8	NC0745-171	NB6549-15F		
3/4/2014	3735	NC0745-171	50.2	SM3385	0.322		1775+43.1		177543.1	8 IN	X56	XR	48.402921	103.418059	2090.50	2085.90	4.60	FBE	50.2	39.1	NC0747-158	NC0747-158		
3/4/2014	3736	NC0745-171	50.2	SMT411	0.322		1775+93.4		177593.4	8 IN	X56	XR	48.402794	103.417980	2091.30	2086.10	5.20	FBE	50.3	50.2	NC0746-106	NC0745-171		
3/4/2014	3737	NC0746-106	50.3	SM3386	0.322		1776+43.6		177643.6	8 IN	X56	XR	48.402666	103.417902	2091.30	2086.90	4.40	FBE	50.3	50.2	NB6550-4F	NC0745-171		
3/4/2014	3738	NB6550-4F	50.3	SM3387	0.322		1776+93.9		177693.9	8 IN	X56	XR	48.402538	103.417825	2095.10	2090.20	4.90	FBE	50.4	50.3	NC0741-175	NC0746-106		
3/4/2014	3741	NC0741-175	50.4	SM3388	0.322		1777+44.3		177744.3	8 IN	X56	XR	48.402411	103.417747	2098.00	2093.10	4.90	FBE	44.7	50.3	NC0741-175	NB6550-4F		
3/4/2014	3740	NC0741-175	44.7	SMT412	0.322		1777+89.0	P.I. < 2°17'28" RT.	177789.0	8 IN	X56	XR	48.402299	103.417673	2100.10	2095.30	4.80	FBE	50.0	50.4	NC0741-175	NC0741-175		
3/4/2014	3739	NC0741-175	50.0	SM3389	0.322		1778+39.0		177839.0	8 IN	X56	XR	48.402171	103.417597	2102.40	2096.90	5.50	FBE	50.6	44.7	NC0741-175	NC0741-175		
3/4/2014	3742	NC0741-175	50.6	SM3390	0.322		1778+89.5		177889.5	8 IN	X56	XR	48.402043	103.417517	2103.70	2098.40	5.30	FBE	50.3	50.0	SC1210-168	NC0741-175		
3/4/2014	3743	SC1210-168	50.3	SM3391	0.322		1779+39.8		177939.8	8 IN	X56	XR	48.401915	103.417442	2105.00	2099.50	5.50	FBE	50.1	50.6	NC0744-160	NC0741-175		
3/4/2014	3744	NC0744-160	50.1	SM3392	0.322		1779+89.9		177989.9	8 IN	X56	XR	48.401788	103.417365	2106.40	2101.20	5.20	FBE	50.2	50.3	NC0748-149	SC1210-168		
3/4/2014	3745	NC0748-149	50.2	SM3393	0.322		1780+40.2		178040.2	8 IN	X56	XR	48.401660	103.417288	2107.20	2102.10	5.10	FBE	50.2	50.1	NC0749-133	NC0744-160		
3/4/2014	3746	NC0749-133	50.2	SM3394	0.322		1780+90.4		178090.4	8 IN	X56	XR	48.401533	103.417210	2107.40	2102.30	5.10	FBE	49.9	50.2	NC0741-176	NC0748-149		
3/4/2014	3747	NC0741-176	49.9	SM3395	0.322		1781+40.2		178140.2	8 IN	X56	XR	48.401406	103.417131	2106.70	2102.10	4.60	FBE	50.2	50.2	NC0741-175	NC0749-133		
3/4/2014	3748	NC0741-175	50.2	SM3396	0.322		1781+90.5		178190.5	8 IN	X56	XR	48.401279	103.417051	2106.80	2102.40	4.40	FBE	45.1	49.9	SC1212-121	NC0741-176		
3/4/2014	3749	SC1212-121	45.1	SM3397	0.322		1782+35.5		178235.5	8 IN	X56	XR	48.401166	103.416977	2107.90	2103.40	4.50	FBE	50.4	50.2	NC0742-112	NC0741-175		
3/4/2014	3750	NC0742-112	50.4	SM3398	0.322		1782+85.9		178285.9	8 IN	X56	XR	48.401039	103.416896	2108.80	2104.10	4.70	FBE	31.8	45.1	SC1210-125	SC1212-121		
3/4/2014	3751	SC1210-125	31.8	SM3399	0.322		1783+17.8		178317.8	8 IN	X56	XR	48.400959	103.416845	2110.20	2104.90	5.30	FBE	32.8	50.4	SC1207-54	NC0742-112		
3/4/2014	3752	SC1207-54	32.8	SM3400	0.322		1783+50.6		178350.6	8 IN	X56	XR	48.400875	103.416793	2111.20	2105.90	5.30	FBE	49.8	31.8	TC1211-111	SC1210-125		
3/4/2014	3753	TC1211-111	49.8	SM3401	0.322		1784+00.4		178400.4	8 IN	X56	XR	48.400749	103.416715	2112.60	2107.10	5.50	FBE	51.5	32.8	NC0744-110	SC1207-54		
3/4/2014	3754	NC0744-110	51.5	SM3402	0.322		1784+51.9		178451.9	8 IN	X56	XR	48.400618	103.416637	2113.80	2109.60	4.20	FBE	49.2	49.8	NC0744-110	TC1211-111		
3/4/2014	3755	NC0744-110	49.2	SM3403	0.322		1785+01.1		178501.1	8 IN	X56	XR	48.400493	103.416561	2114.60	2108.80	5.80	FBE	50.2	51.5	SC1214-130	NC0744-110		
3/4/2014	3756	SC1214-130	50.2	SM3404	0.322		1785+51.3		178551.3	8 IN	X56	XR	48.400365	103.416486	2114.60	2109.30	5.30	FBE	50.4	49.2	NC0744-116	NC0744-110		
3/4/2014	3757	NC0744-116	50.4	SM3405	0.322		1786+01.7		178601.7	8 IN	X56	XR	48.400237	103.416408	2115.30	2110.60	4.70	FBE	50.3	50.2	NC0744-114	SC1214-130		
3/4/2014	3758	NC0744-114	50.3	SM3406	0.322		1786+51.9	P.I. < 2°20'06" LT.	178651.9	8 IN	X56	XR	48.400110	103.416328	2116.80	2112.20	4.60	FBE	50.2	50.4	NC0745-131	NC0744-116		
3/4/2014	3759	NC0745-131	50.2	SM3407	0.322		1787+02.1		178702.1	8 IN	X56	XR	48.399987	103.416237	2117.90	2113.20	4.70	FBE	49.5	50.3	SC1213-119	NC0744-114		
3/4/2014	3760	SC1213-119	49.5	SM3408	0.322		1787+51.6		178751.6	8 IN	X56	XR	48.399877	103.416117	2118.80	2114.20	4.60	FBE	50.3	50.2	SC1213-130	NC0745-131		
3/4/2014	3761	SC1213-130	50.3	SM3409	0.322		1788+01.9		178801.9	8 IN	X56	XR	48.399766	103.415994	2119.40	2114.60	4.80	FBE	50.3	49.5	NC0745-131	SC1213-119		
3/4/2014	3762	NC0745-131	50.3	SM3410	0.322		1788+52.2		178852.2	8 IN	X56	XR	48.399655	103.415871	2120.10	2115.30	4.80	FBE	50.2	50.3	NC0744-116	SC1213-130		
3/4/2014	3763	NC0744-116	50.2	SM3411	0.322		1789+02.5		178902.5	8 IN	X56	XR	48.399545	103.415747	2120.70	2115.90	4.80	FBE	50.3	50.3	SC1215-117	NC0745-131		
3/4/2014	3764	SC1215-117	50.3	SM3412	0.322		1789+52.8		178952.8	8 IN	X56	XR	48.399435	103.415622	2121.70	2117.20	4.50	FBE	50.4	50.2	SC1212-128	NC0744-116		
3/4/2014	3765	SC1212-128	50.4	SM3413	0.322		1790+03.2	P.I. < 2°14'38" LT.	179003.2	8 IN	X56	XR	48.399326	103.415496	2123.40	2118.70	4.70	FBE	42.4	50.3	NC0749-133	SC1215-117		
3/4/2014	3766	NC0749-133	42.4	SMT413	0.322		1790+45.6	P.I. < 3°10'34" RT.	179045.6	8 IN	X56	XR	48.399236	103.415385	2123.70	2119.40	4.30	FBE	49.8	50.4	NC0749-133	SC1212-128		
3/4/2014	3767	NC0749-133	49.8	SM3414	0.322		1790+95.3		179095.3	8 IN	X56	XR	48.399127	103.415263	2125.60	2121.00	4.60	FBE	41.9	42.4	NC0749-150	NC0749-133		
3/4/2014	3768	NC0749-150	41.9	SM3415	0.322		1791+37.2		179137.2	8 IN	X56	XR	48.399034	103.415161	2126.10	2121.20	4.90	FBE	50.3	49.8	NC0747-172	NC0749-133		
3/4/2014	3769	NC0747-172	50.3	SM3416	0.322		1791+87.5		179187.5	8 IN	X56	XR	48.398923	103.415039	2126.30	2121.50	4.80	FBE	50.3	41.9	NC0747-172	NC0749-150		
3/4/2014	3770	NC0747-172	50.3	SM3417R	0.322		1792+37.8		179237.8	8 IN	X56	XR	48.398812	103.414916	2126.10	2121.60	4.50	FBE	50.1	50.3	SC1210-168	NC0747-172		
3/4/2014	3771	SC1210-168	50.1	SM3418	0.322		1792+87.9		179287.9	8 IN	X56	XR	48.398702	103.414793	2126.10	2122.00	4.10	FBE	50.3	50.3	SC1210-168	NC0747-172		
3/4/2014	3772	SC1210-168	50.3	SM3419	0.322		1793+38.3		179338.3	8 IN	X56	XR	48.398591	103.414668	2127.40	2122.50	4.90	FBE	50.3	50.1	SC1210-168	SC1210-168		
3/4/2014	3773	SC1210-168	50.3	SM3420	0.322		1793+88.5		179388.5	8 IN	X56	XR	48.398481	103.414543	2127.90	2123.30	4.60	FBE	30.2	50.3	NB6549-9F	SC1210-168		
3/4/2014	3774	NB6549-9F	30.2	SM3421	0.322		1794+18.8		179418.8	8 IN	X56	XR	48.398415	103.414469	2127.80	2123.30	4.50	FBE	30.2	50.3	NC0741-176	SC1210-168		
3/4/2014	3775	NC0741-176	30.2	SM3422	0.322		1794+49.0		179449.0	8 IN	X56	XR	48.398348	103.414395	2127.80	2123.10	4.70	FBE	49.7	30.2	NC0747-172	NB6549-9F		
3/4/2014	3776	NC0747-172	49.7	SM3423	0.322		1794+98.7		179498.7	8 IN	X56	XR	48.398239	103.414273	2127.90	2123.30	4.60	FBE	50.2	30.2	SC1212-173	NC0741-176		
3/4/2014	3777	SC1212-173	50.2	SM3424	0.322		1795+48.9		179548.9	8 IN	X56	XR	48.398128	103.414150	2128.60	2123.70	4.90	FBE	50.5	49.7	SC1212-173	NC0747-172		
3/4/2014	3778	SC1212-173	50.5	SM3425	0.322		1795+99.4		179599.4	8 IN	X56	XR	48.398018	103.414025	2129.60	2124.50	5.10	FBE	50.3	50.2	SC1212-173	SC1212-173		
3/4/2014	3779	SC1212-173	50.3	SM3426	0.322		1796+49.7		179649.7	8 IN	X56	XR	48.397907	103.413902	2130.10	2125.20	4.90	FBE	50.3	50.5	NC0746-166	SC1212-173		
3/4/2014	3780	NC0746-166	50.3	SM3427R	0.322		1796+99.9		179699.9	8 IN	X56	XR	48.397796	103.413779	2129.40	2124.80	4.60	FBE	49.8	50.3	NC0748-168	SC1212-173		
3/4/2014	3781	NC0748-168	49.8	SM3428	0.322		1797+49.7		179749.7	8 IN	X56	XR	48.397687	103.413657	2128.60	2123.90	4.70	FBE	50.2	50.3	NC0745-171	NC0746-166		
3/4/2014	3782	NC0745-171	50.2	SM3429	0.322		1798+00.0		179800.0	8 IN	X56	XR	48.397576	103.413533	2127.90	2123.40	4.50	FBE	50.1	49.8	NC0745-171	NC0748-168		
3/4/2014	3783	NC0745-171	50.1	SM3430	0.322		1798+50.1		179850.1	8 IN	X56	XR	48.397466	103.413411	2129.00	2122.40	6.60	FBE	50.2	50.2	NC0745-171	NC0745-171		
3/4/2014	3784	NC0745-171	50.2	SM3431	0.322		1799+00.3		179900.3	8 IN	X56	XR	48.397355	103.413288	2129.10	2122.20	6.90	FBE	50.2	50.1	NC0747-172	NC0745-171		
3/4/2014	3785	NC0747-172	50.2	SM3432	0.322		1799+50.5		179950.5	8 IN	X56	XR	48.397245	103.413164	2127.80	2122.80	5.00	FBE	50.3	50.2	SC1210-174	NC0745-171		
3/4/2014	3786	SC1210-174	50.3	SM3433	0.322		1800+00.9		180000.9	8 IN	X56	XR	48.397135	103.413039	2127.70	2122.90	4.80	FBE	50.2	50.2	SC1210-174	NC0747-172		
3/4/2014	3787	SC1210-174	50.2	SM3434	0.322		1800+51.1		180051.1	8 IN	X56	XR	48.397025	103.412914	2128.20	2123.50	4.70	FBE	50.3	50.3	NC0741-175	SC1210-174		
3/4/2014	3788	NC0741-175	50.3	SM3435	0.322		1801+01.4		180101.4	8 IN	X56	XR	48.396915	103.412790	2129.00	2124.10	4.90	FBE	50.3	50.2	SC1210-174	SC1210-174		
3/4/2014	3789	SC1210-174	50.3	SM3436	0.322		1801+51.8		180151.8	8 IN	X56	XR	48.396804	103.412665	2129.10	2124.00	5.10	FBE	50.2	50.3	NB6549-7F	NC0741-175		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY:
PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 230	SHEET No. 130 OF 149

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As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3790	NB6549-7F	50.2	SM3437	0.322		1802+02.0		180202.0	8 IN	X56	XR	48.396694	103.412542	2127.60	2122.90	4.70	FBE	49.7	50.3	NB6550-14F	SC1210-174		
3/4/2014	3791	NB6550-14F	49.7	SM3438	0.322		1802+51.7		180251.7	8 IN	X56	XR	48.396585	103.412420	2126.40	2121.80	4.60	FBE	50.6	50.2	NB6549-5F	NB6549-5F		
3/4/2014	3792	NB6549-5F	50.6	SM3439	0.322		1803+02.3		180302.3	8 IN	X56	XR	48.396473	103.412296	2125.90	2120.80	5.10	FBE	50.1	49.7	NB6549-5F	NB6550-14F		
3/4/2014	3793	NB6549-5F	50.1	SM3440	0.322		1803+52.4		180352.4	8 IN	X56	XR	48.396363	103.412172	2125.50	2120.40	5.10	FBE	50.1	50.6	NB6549-5F	NB6549-5F		
3/4/2014	3794	NB6549-5F	50.1	SM3441	0.322		1804+02.5		180402.5	8 IN	X56	XR	48.396254	103.412048	2125.30	2120.00	5.30	FBE	50.3	50.1	NC0749-169	NB6549-5F		
3/4/2014	3795	NC0749-169	50.3	SM3442	0.322		1804+52.8		180452.8	8 IN	X56	XR	48.396143	103.411924	2123.60	2118.70	4.90	FBE	50.3	50.1	SC1212-128	NB6549-5F		
3/4/2014	3796	SC1212-128	50.3	SM3443	0.322		1805+03.2		180503.2	8 IN	X56	XR	48.396033	103.411801	2120.30	2115.50	4.80	FBE	50.3	50.3	NC0749-169	NC0749-169		
3/4/2014	3797	NC0749-169	50.3	SM3444	0.322		1805+53.5		180553.5	8 IN	X56	XR	48.395922	103.411678	2118.40	2113.50	4.90	FBE	50.3	50.3	NC0746-170	SC1212-128		
3/4/2014	3798	NC0746-170	50.3	SM3445	0.322		1806+03.8		180603.8	8 IN	X56	XR	48.395811	103.411555	2117.80	2113.00	4.80	FBE	50.1	50.3	NC0746-170	NC0749-169		
3/4/2014	3799	NC0746-170	50.1	SM3446	0.322		1806+53.9		180653.9	8 IN	X56	XR	48.395700	103.411433	2117.80	2113.00	4.80	FBE	48.9	50.3	NC0746-166	NC0746-170		
3/4/2014	3800	NC0746-166	48.9	SM3447	0.322		1807+02.8		180702.8	8 IN	X56	XR	48.395592	103.411313	2118.00	2113.10	4.90	FBE	50.2	50.1	NC0747-172	NC0746-170		
3/4/2014	3801	NC0747-172	50.2	SM3448	0.322		1807+53.0		180753.0	8 IN	X56	XR	48.395482	103.411190	2117.90	2113.30	4.60	FBE	50.3	48.9	SC1212-128	NC0746-166		
3/4/2014	3802	SC1212-128	50.3	SM3449	0.322		1808+03.4		180803.4	8 IN	X56	XR	48.395371	103.411067	2118.00	2113.80	4.20	FBE	50.2	50.2	NC0748-165	NC0747-172		
3/4/2014	3803	NC0748-165	50.2	SM3450	0.322		1808+53.6		180853.6	8 IN	X56	XR	48.395260	103.410944	2118.10	2113.80	4.30	FBE	50.2	50.3	NC0749-162	SC1212-128		
3/4/2014	3804	NC0749-162	50.2	SM3451	0.322		1809+03.7		180903.7	8 IN	X56	XR	48.395150	103.410819	2118.30	2114.10	4.20	FBE	50.4	50.2	NC0748-164	NC0748-165		
3/4/2014	3805	NC0748-164	50.4	SM3452	0.322		1809+54.1		180954.1	8 IN	X56	XR	48.395040	103.410694	2118.90	2114.60	4.30	FBE	49.5	50.2	NC0741-175	NC0749-162		
3/4/2014	3806	NC0741-175	49.5	SM3453	0.322		1810+03.6		181003.6	8 IN	X56	XR	48.394932	103.410571	2119.80	2115.40	4.40	FBE	50.2	50.4	NC0749-167	NC0748-164		
3/4/2014	3807	NC0749-167	50.2	SM3454	0.322		1810+53.8		181053.8	8 IN	X56	XR	48.394822	103.410447	2120.10	2115.60	4.50	FBE	50.3	49.5	NC0749-167	NC0741-175		
3/4/2014	3808	NC0749-167	50.3	SM3455	0.322		1811+04.2		181104.2	8 IN	X56	XR	48.394712	103.410323	2120.60	2116.50	4.10	FBE	49.9	50.2	NC0741-176	NC0749-167		
3/4/2014	3809	NC0741-176	49.9	SM3456	0.322		1811+54.1		181154.1	8 IN	X56	XR	48.394602	103.410199	2121.30	2117.20	4.10	FBE	37.4	50.3	NC0749-150	NC0749-167		
3/4/2014	3810	NC0749-150	37.4	SM3457	0.322		1811+91.4		181191.4	8 IN	X56	XR	48.394520	103.410108	2121.60	2117.40	4.20	FBE	50.2	49.9	NC0745-171	NC0741-176		
3/4/2014	3811	NC0745-171	50.2	SM3458	0.322		1812+41.6		181241.6	8 IN	X56	XR	48.394410	103.409985	2122.70	2118.10	4.60	FBE	50.1	37.4	NC0743-29	NC0749-150		
3/4/2014	3812	NC0743-29	50.1	SM3459	0.322		1812+91.7		181291.7	8 IN	X56	XR	48.394300	103.409861	2124.10	2119.60	4.50	FBE	50.3	50.2	NC0741-176	NC0745-171		
3/4/2014	3813	NC0741-176	50.3	SM3460	0.322		1813+42.0		181342.0	8 IN	X56	XR	48.394189	103.409738	2125.90	2121.40	4.50	FBE	50.1	50.1	NC0749-168	NC0743-29		
3/4/2014	3814	NC0749-168	50.1	SM3461	0.322		1813+92.2		181392.2	8 IN	X56	XR	48.394078	103.409617	2127.50	2122.80	4.70	FBE	50.2	50.3	SC1210-168	NC0741-176		
3/4/2014	3815	SC1210-168	50.2	SM3462	0.322		1814+42.4		181442.4	8 IN	X56	XR	48.393966	103.409497	2129.00	2124.60	4.40	FBE	41.7	50.1	SC1210-168	NC0749-168		
3/4/2014	3816	SC1210-168	41.7	SMT414	0.322		1814+84.0		181484.0	8 IN	X56	XR	48.393874	103.409395	2130.20	2126.00	4.20	FBE	49.9	50.2	SC1210-168	SC1210-168		
3/4/2014	3817	SC1210-168	49.9	SM3463	0.322		1815+33.9		181533.9	8 IN	X56	XR	48.393766	103.409270	2132.90	2128.00	4.90	FBE	50.3	41.7	SC1210-168	SC1210-168		
3/4/2014	3818	SC1210-168	50.3	SM3464	0.322		1815+84.2		181584.2	8 IN	X56	XR	48.393655	103.409147	2134.60	2129.80	4.80	FBE	50.4	49.9	NC0741-176	SC1210-168		
3/4/2014	3819	NC0741-176	50.4	SM3465	0.322		1816+34.6		181634.6	8 IN	X56	XR	48.393545	103.409023	2135.60	2131.10	4.50	FBE	50.2	50.3	NC0749-169	SC1210-168		
3/4/2014	3820	NC0749-169	50.2	SM3466	0.322		1816+84.8		181684.8	8 IN	X56	XR	48.393434	103.408900	2137.70	2132.60	5.10	FBE	50.3	50.4	NC0745-171	NC0741-176		
3/4/2014	3821	NC0745-171	50.3	SM3467	0.322		1817+35.0		181735.0	8 IN	X56	XR	48.393324	103.408777	2140.90	2136.00	4.90	FBE	50.2	50.2	SC1210-174	NC0749-169		
3/4/2014	3822	SC1210-174	50.2	SM3468	0.322		1817+85.3		181785.3	8 IN	X56	XR	48.393214	103.408653	2144.30	2139.50	4.80	FBE	50.2	50.3	NC0741-176	NC0745-171		
3/4/2014	3823	NC0741-176	50.2	SM3469	0.322		1818+35.4		181835.4	8 IN	X56	XR	48.393104	103.408531	2148.80	2143.70	5.10	FBE	49.8	50.2	NC0741-176	SC1210-174		
3/4/2014	3824	NC0741-176	49.8	SM3470	0.322		1818+85.2		181885.2	8 IN	X56	XR	48.392995	103.408409	2153.10	2147.70	5.40	FBE	50.3	50.2	NC0749-167	NC0741-176		
3/4/2014	3825	NC0749-167	50.3	SM3471	0.322		1819+35.6		181935.6	8 IN	X56	XR	48.392885	103.408284	2156.00	2151.10	4.90	FBE	50.2	49.8	NC0746-166	NC0741-176		
3/4/2014	3826	NC0746-166	50.2	SM3472	0.322		1819+85.8		181985.8	8 IN	X56	XR	48.392775	103.408160	2158.60	2153.70	4.90	FBE	50.2	50.3	NC0746-170	NC0749-167		
3/4/2014	3827	NC0746-170	50.2	SM3473	0.322		1820+36.0		182036.0	8 IN	X56	XR	48.392665	103.408036	2162.10	2156.60	5.50	FBE	50.2	50.2	NC0746-170	NC0746-166		
3/4/2014	3828	NC0746-170	50.2	SM3474	0.322		1820+86.2		182086.2	8 IN	X56	XR	48.392555	103.407912	2165.30	2160.00	5.30	FBE	50.3	50.2	NC0746-170	NC0746-170		
3/4/2014	3829	NC0746-170	50.3	SM3475	0.322		1821+36.5		182136.5	8 IN	X56	XR	48.392445	103.407789	2168.80	2164.40	4.40	FBE	49.9	50.2	NC0749-167	NC0746-170		
3/4/2014	3830	NC0749-167	49.9	SM3476	0.322		1821+86.4		182186.4	8 IN	X56	XR	48.392335	103.407668	2172.90	2168.40	4.50	FBE	50.2	50.3	SC1210-174	NC0746-170		
3/4/2014	3831	SC1210-174	50.2	SM3477	0.322		1822+36.7		182236.7	8 IN	X56	XR	48.392224	103.407546	2174.90	2169.90	5.00	FBE	50.3	49.9	NC0749-167	NC0749-167		
3/4/2014	3832	NC0749-167	50.3	SM3478	0.322		1822+87.0		182287.0	8 IN	X56	XR	48.392113	103.407423	2175.10	2169.90	5.20	FBE	50.3	50.2	NC0746-166	SC1210-174		
3/4/2014	3833	NC0746-166	50.3	SM3479	0.322		1823+37.3		182337.3	8 IN	X56	XR	48.392003	103.407298	2174.70	2169.30	5.40	FBE	50.3	50.3	NC0746-170	NC0749-167		
3/4/2014	3834	NC0746-170	50.3	SMT415	0.322		1823+87.6		182387.6	8 IN	X56	XR	48.391893	103.407173	2173.30	2169.30	4.00	FBE	50.1	50.3	NC0746-170	NC0746-166		
3/4/2014	3835	NC0746-170	50.1	SM3480	0.322		1824+37.7	P.I. < 2°03'40" RT.	182437.7	8 IN	X56	XR	48.391786	103.407044	2172.90	2168.70	4.20	FBE	44.7	50.3	NC0741-176	NC0746-170		
3/4/2014	3836	NC0741-176	44.7	SMT416	0.322		1824+82.3		182482.3	8 IN	X56	XR	48.391687	103.406935	2172.80	2168.10	4.70	FBE	49.8	50.1	NC0746-170	NC0746-170		
3/4/2014	3837	NC0746-170	49.8	SM3481	0.322		1825+32.1		182532.1	8 IN	X56	XR	48.391577	103.406816	2171.40	2166.20	5.20	FBE	50.2	44.7	SC1212-173	NC0741-176		
3/4/2014	3838	SC1212-173	50.2	SM3482	0.322		1825+82.4		182582.4	8 IN	X56	XR	48.391466	103.406693	2168.90	2163.80	5.10	FBE	50.3	49.8	NC0741-175	NC0746-170		
3/4/2014	3839	NC0741-175	50.3	SM3483	0.322		1826+32.7		182632.7	8 IN	X56	XR	48.391355	103.406570	2165.80	2161.20	4.60	FBE	50.3	50.2	SC1210-174	SC1212-173		
3/4/2014	3840	SC1210-174	50.3	SM3484	0.322		1826+83.0		182683.0	8 IN	X56	XR	48.391244	103.406448	2163.80	2159.10	4.70	FBE	50.3	50.3	NC0744-160	NC0741-175		
3/4/2014	3841	NC0744-160	50.3	SM3485	0.322		1827+33.3		182733.3	8 IN	X56	XR	48.391132	103.406327	2162.10	2157.30	4.80	FBE	50.2	50.3	NC0742-112	SC1210-174		
3/4/2014	3842	NC0742-112	50.2	SM3486	0.322		1827+83.5		182783.5	8 IN	X56	XR	48.391022	103.406204	2161.90	2155.50	6.40	FBE	50.5	50.3	NC0742-112	NC0744-160		
3/4/2014	3843	NC0742-112	50.5	SMT417	0.322		1828+34.0		182834.0	8 IN	X56	XR	48.390909	103.406082	2157.60	2153.50	4.10	FBE	43.9	50.2	NC0748-165	NC0742-112		
3/4/2014	3846	NC0748-165	43.9	SM3488	0.322		1828+78.0		182878.0	8 IN	X56	XR	48.390813	103.405975	2156.30	2151.90	4.40	FBE	50.3	50.5	NC0749-167	NC0742-112		
3/4/2014	3847	NC0749-167	50.3	SMT418	0.322		1829+28.3		182928.3	8 IN	X56	XR	48.390703	103.405849	2155.90	2151.10	4.80	FBE	6.1	43.9	NC0741-175	NC0748-165		
3/4/2014	3844A	NC0741-175	6.1	SMT419	0.322		1829+34.3		182934.3	8 IN	X56	XR	48.390690	103.405834	2155.90	2151.20	4.70	FBE	44.1	50.3	NC0741-175	NC0749-167		
3/4/2014	3844	NC0741-175	44.1	SM3487R	0.322		1829+78.4		182978.4	8 IN	X56	XR	48.390594	103.405724	2157.30	2153.00	4.30	FBE	43.9	6.1	NC0749-169	NC0741-175		
3/4/2014	3845	NC0749-169	43.9	SMT420	0.322		1830+22.3		183022.3	8 IN	X56	XR	48.390498	103.405616	2161.90	2156.60	5.30	FBE	6.1	44.1	NC0749-169	NC0741-175		
3/4/2014	3845A	NC0749-169	6.1	SMT421	0.322		1830+28.4		183028.4	8 IN	X56	XR	48.390485	103.405600	2161.90	2157.20	4.70	FBE	50.2	43.9	NC0746-166	NC0749-169		
3/4/2014	3848	NC0746-166	50.2	SM3489	0.322		1830+78.6		183078.6	8 IN	X56	XR	48.390377	103.405475	2167.60	2163.20	4.40	FBE	49.8	6.1	NC0746-166	NC0749-169		
3/4/2014	3849	NC0746-166	49.8	SM3490	0.322		1831+28.4		183128.4	8 IN	X56	XR	48.390267	103.405355	2172.90	2168.30	4.60	FBE	50.3	50.2	NC0746-166	NC0746-166		
3/4/2014	3850	NC0746-166	50.3	SM3491	0.322		1831+78.7		183178.7	8 IN	X56	XR	48.390157	103.405233	2178.30	2173.20	5.10	FBE	50.2	49.8	NC0746-166	NC0746-166		
3/4/2014	3851	NC0746-166	50.2	SM3492	0.322		1832+28.9		183228.9	8 IN	X56	XR	48.390047	103.405109	2182.10	2177.10	5.00	FBE	35.4	50.3	SC1212-173	NC0746-166		
3/4/2014	3852	SC1212-173	35.4	SM3493	0.322		1832+64.3		183264.3	8 IN	X56	XR	48.389970	103.405021	2184.40	2179.40	5.00	FBE	45.7	50.2	NC0749-133	NC0746-166		
3/4/2014	3853	NC0749-133	45.7	SM3494	0.322		1833+10.0		183310.0	8 IN	X56	XR	48.389870	103.404909	2187.10	2182.30	4.80	FBE	39.4	35.4	NC0744-114	SC1212-173		
3/4/2014	3854	NC0744-114	39.4	SM3495	0.322		1833+49.3		183349.3	8 IN	X56	XR	48.389783	103.404812	2188.50	2184.00	4.50	FBE	49.5	45.7	NC0746-170	NC0749-133		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 231	SHEET No. 131 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3855	NC0746-170	49.5	SM3496	0.322		1833+98.8		183398.8	8 IN	X56	XR	48.389675	103.404691	2189.70	2184.90	4.80	FBE	50.3	39.4	NC0745-171	NC0744-114		
3/4/2014	3856	NC0745-171	50.3	SM3497	0.322		1834+49.1		183449.1	8 IN	X56	XR	48.389564	103.404567	2189.70	2184.80	4.90	FBE	49.7	49.5	NC0745-171	NC0746-170		
3/4/2014	3857	NC0745-171	49.7	SM3498	0.322		1834+98.7		183498.7	8 IN	X56	XR	48.389454	103.404446	2191.30	2185.00	6.30	FBE	50.2	50.3	NC0746-166	NC0745-171		
3/4/2014	3858	NC0746-166	50.2	SM3499	0.322		1835+49.0		183549.0	8 IN	X56	XR	48.389344	103.404323	2189.90	2185.10	4.80	FBE	50.1	49.7	NC0749-169	NC0745-171		
3/4/2014	3859	NC0749-169	50.1	SM3500	0.322		1835+99.1		183599.1	8 IN	X56	XR	48.389234	103.404200	2189.80	2185.30	4.50	FBE	50.4	50.2	NC0748-164	NC0746-166		
3/4/2014	3860	NC0748-164	50.4	SM3501	0.322		1836+49.5		183649.5	8 IN	X56	XR	48.389123	103.404076	2189.70	2184.70	5.00	FBE	50.2	50.1	NC0746-166	NC0749-169		
3/4/2014	3861	NC0746-166	50.2	SM3502R	0.322		1836+99.7		183699.7	8 IN	X56	XR	48.389012	103.403953	2189.70	2184.90	4.80	FBE	50.1	50.4	NC0745-171	NC0748-164		
3/4/2014	3862	NC0745-171	50.1	SM3503	0.322		1837+49.8		183749.8	8 IN	X56	XR	48.388902	103.403829	2191.30	2185.90	5.40	FBE	50.3	50.2	NC0741-176	NC0746-166		
3/4/2014	3863	NC0741-176	50.3	SM3504	0.322		1838+00.2		183800.2	8 IN	X56	XR	48.388792	103.403704	2193.20	2188.30	4.90	FBE	49.7	50.1	NC0749-162	NC0745-171		
3/4/2014	3864	NC0749-162	49.7	SM3505	0.322		1838+49.9		183849.9	8 IN	X56	XR	48.388683	103.403582	2195.90	2190.70	5.20	FBE	50.2	50.3	SC1212-129	NC0741-176		
3/4/2014	3865	SC1212-129	50.2	SM3506	0.322		1839+00.1		183900.1	8 IN	X56	XR	48.388573	103.403459	2197.10	2192.30	4.80	FBE	50.3	49.7	NC0749-167	NC0749-162		
3/4/2014	3866	NC0749-167	50.3	SM3507	0.322		1839+50.4		183950.4	8 IN	X56	XR	48.388462	103.403336	2196.70	2192.00	4.70	FBE	50.2	50.2	NC0749-167	SC1212-129		
3/4/2014	3867	NC0749-167	50.2	SM3508	0.322		1840+00.6		184000.6	8 IN	X56	XR	48.388352	103.403213	2196.90	2192.20	4.70	FBE	50.4	50.3	SC1212-173	NC0749-167		
3/4/2014	3868	SC1212-173	50.4	SM3509	0.322		1840+51.0		184051.0	8 IN	X56	XR	48.388241	103.403088	2196.90	2192.10	4.80	FBE	42.2	50.2	318003	NC0749-167		
3/4/2014	3869	318003	42.2	SM3510	0.322		1840+93.2		184093.2	8 IN	X56	XR	48.388149	103.402984	2198.70	2194.20	4.50	FBE	34.7	50.4	218002	SC1212-173		
3/4/2014	3870	218002	34.7	SM3511	0.322		1841+27.8		184127.8	8 IN	X56	XR	48.388072	103.402899	2200.50	2195.80	4.70	FBE	32.7	42.2	218002	318003		
3/4/2014	3871	218002	32.7	SM3512	0.322		1841+60.5		184160.5	8 IN	X56	XR	48.388001	103.402819	2201.70	2196.80	4.90	FBE	36.5	34.7	118247	218002		
3/4/2014	3872	118247	36.5	SM3513	0.322		1841+97.0		184197.0	8 IN	X56	XR	48.387921	103.402729	2203.10	2198.30	4.80	FBE	32.7	32.7	218002	218002		
3/4/2014	3873	218002	32.7	SM3514	0.322		1842+29.8		184229.8	8 IN	X56	XR	48.387849	103.402648	2205.60	2199.50	6.10	FBE	35.4	36.5	117743	118247		
3/4/2014	3874	117743	35.4	SM3515	0.322		1842+65.2		184265.2	8 IN	X56	XR	48.387771	103.402561	2205.50	2200.20	5.30	FBE	36.9	32.7	118247	218002		
3/4/2014	3875	118247	36.9	SM3516	0.322		1843+02.0		184302.0	8 IN	X56	XR	48.387691	103.402470	2205.70	2200.60	5.10	FBE	36.5	35.4	117743	117743		
3/4/2014	3876	117743	36.5	SM3517	0.322		1843+38.5		184338.5	8 IN	X56	XR	48.387610	103.402380	2205.70	2200.30	5.40	FBE	42.7	36.9	117743	118247		
3/4/2014	3877	117743	42.7	SM3518	0.322		1843+81.2		184381.2	8 IN	X56	XR	48.387516	103.402276	2206.50	2201.60	4.90	FBE	35.9	36.5	218002	117743		
3/4/2014	3881	218002	35.9	SM3519	0.322		1844+17.1		184417.1	8 IN	X56	XR	48.387437	103.402188	2206.60	2201.80	4.80	FBE	42.6	42.7	218496	117743		
3/4/2014	3879	218496	42.6	SM3520	0.322		1844+59.8		184459.8	8 IN	X56	XR	48.387343	103.402084	2206.40	2201.60	4.80	FBE	35.6	35.9	117743	218002		
3/4/2014	3880	117743	35.6	SM3521	0.322		1844+95.4		184495.4	8 IN	X56	XR	48.387264	103.401997	2205.70	2200.30	5.40	FBE	34.4	42.6	218002	218496		
3/4/2014	3882	218002	34.4	SMT 423	0.322		1845+29.7	P.I. < 4°36'06" RT.	184529.7	8 IN	X56	XR	48.387189	103.401913	2204.90	2198.40	6.50	FBE	20.1	35.6	218002	117743		
3/4/2014	3878	218002	20.1	SMT 424	0.322		1845+49.9		184549.9	8 IN	X56	XR	48.387142	103.401869	2203.40	2197.20	6.20	FBE	22.2	34.4	D48763	218002		
3/4/2014	3884BR	D48763	22.2	SMB342		CALCULATED BORE	1845+72.1		184572.1		X56	XR	48.387092	103.401820	2203.47	2192.79	10.68	ARO	41.2	20.1	D48763	218002		NOTE 1
3/4/2014	3885BR	D48763	41.2	SMB341		CALCULATED BORE	1846+13.3		184613.3		X56	XR	48.387000	103.401728	2202.39	2185.31	17.08	ARO	41.2	22.2	D48763	D48763		NOTE 1
3/4/2014	3886BR	D48763	41.2	SMB340		CALCULATED BORE	1846+54.5		184654.5		X56	XR	48.386906	103.401636	2202.59	2178.77	23.82	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3887BR	D48763	41.2	SMB339		CALCULATED BORE	1846+95.7		184695.7		X56	XR	48.386813	103.401543	2202.79	2173.17	29.62	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3888BR	D48763	41.2	SMB338		CALCULATED BORE	1847+36.9		184736.9		X56	XR	48.386719	103.401450	2202.99	2168.52	34.47	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	3889BR	D48765	41.2	SMB337		CALCULATED BORE	1847+78.1		184778.1		X56	XR	48.386625	103.401358	2203.17	2164.81	38.36	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	3890BR	D48765	41.2	SMB336		CALCULATED BORE	1848+19.3		184819.3		X56	XR	48.386531	103.401264	2203.88	2162.05	41.83	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3891BR	D48765	41.2	SMB335		CALCULATED BORE	1848+60.5		184860.5		X56	XR	48.386437	103.401171	2204.75	2160.23	44.52	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3892BR	D48763	41.2	SMB334		CALCULATED BORE	1849+01.7		184901.7		X56	XR	48.386343	103.401078	2205.59	2159.37	46.22	ARO	40.0	41.2	D48763	D48765		NOTE 1
3/4/2014	3893BR	D48763	40.0	SMB333		CALCULATED BORE	1849+41.7		184941.7		X56	XR	48.386251	103.400987	2206.48	2159.44	47.04	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3894BR	D48763	41.2	SMB332		CALCULATED BORE	1849+82.9		184982.9		X56	XR	48.386157	103.400894	2207.37	2160.46	46.91	ARO	41.2	40.0	D48763	D48763		NOTE 1
3/4/2014	3895BR	D48763	41.2	SMB331		CALCULATED BORE	1850+24.1		185024.1		X56	XR	48.386063	103.400801	2208.23	2162.42	45.81	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3896BR	D48763	41.2	SMB330		CALCULATED BORE	1850+65.3		185065.3		X56	XR	48.385969	103.400708	2209.31	2165.33	43.98	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3897BR	D48763	41.2	SMB329		CALCULATED BORE	1851+06.5		185106.5		X56	XR	48.385875	103.400615	2209.21	2169.19	40.02	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	3898BR	D48765	41.2	SMB328		CALCULATED BORE	1851+47.7		185147.7		X56	XR	48.385781	103.400522	2209.49	2173.99	35.50	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	3899BR	D48765	41.2	SMB327		CALCULATED BORE	1851+88.9		185188.9		X56	XR	48.385688	103.400430	2209.01	2179.73	29.28	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3900BR	D48765	41.2	SMB326		CALCULATED BORE	1852+30.1		185230.1		X56	XR	48.385595	103.400338	2208.91	2186.42	22.49	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3901BR	D48765	41.2	SMB325		CALCULATED BORE	1852+71.3		185271.3		X56	XR	48.385502	103.400246	2208.81	2194.04	14.77	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3902BR	D48765	41.2	SMT425	0.322		1853+12.5		185312.5	8 IN	X56	XR	48.385410	103.400155	2208.50	2202.60	5.90	ARO	35.4	41.2	216978	D48765		
3/4/2014	3903	216978	35.4	SM3522	0.322		1853+47.9		185347.9	8 IN	X56	XR	48.385330	103.400073	2208.70	2203.10	5.60	FBE	35.0	41.2	218004	D48765		
3/4/2014	3904	218004	35.0	SMT426	0.322		1853+82.9		185382.9	8 IN	X56	XR	48.385250	103.399993	2208.90	2203.50	5.40	FBE	35.9	35.4	116687	216978		
3/4/2014	3905	116687	35.9	SM3523	0.322		1854+18.8		185418.8	8 IN	X56	XR	48.385170	103.399908	2208.60	2203.30	5.30	FBE	42.7	35.0	117743	218004		
3/4/2014	3906	117743	42.7	SM3524	0.322		1854+61.5		185461.5	8 IN	X56	XR	48.385072	103.399810	2208.50	2203.20	5.30	FBE	42.4	35.9	117743	116687		
3/4/2014	3907	117743	42.4	SM3525	0.322		1855+03.9		185503.9	8 IN	X56	XR	48.384976	103.399712	2208.30	2203.00	5.30	FBE	42.8	42.7	117743	117743		
3/4/2014	3908	117743	42.8	SM3526	0.322		1855+46.7		185546.7	8 IN	X56	XR	48.384878	103.399615	2207.30	2202.10	5.20	FBE	42.8	42.4	118247	117743		
3/4/2014	3910	118247	42.8	SM3527	0.322		1855+89.5		185589.5	8 IN	X56	XR	48.384779	103.399520	2205.90	2200.90	5.00	FBE	42.7	42.8	117743	117743		
3/4/2014	3911	117743	42.7	SM3528	0.322		1856+32.3		185632.3	8 IN	X56	XR	48.384680	103.399426	2204.60	2198.90	5.70	FBE	42.8	42.8	218002	118247		
3/4/2014	3912	218002	42.8	SM3529	0.322		1856+75.0		185675.0	8 IN	X56	XR	48.384582	103.399332	2200.20	2194.10	6.10	FBE	42.6	42.7	218002	117743		
3/4/2014	3913	218002	42.6	SM3530	0.322		1857+17.6		185717.6	8 IN	X56	XR	48.384484	103.399238	2200.10	2194.30	5.80	FBE	42.8	42.8	218004	218002		
3/4/2014	3914	218004	42.8	SM3531	0.322		1857+60.4		185760.4	8 IN	X56	XR	48.384386	103.399142	2203.10	2197.70	5.40	FBE	42.8	42.6	218001	218002		
3/4/2014	3915	218001	42.8	SM3532	0.322		1858+03.1		185803.1	8 IN	X56	XR	48.384288	103.399046	2202.80	2197.80	5.00	FBE	42.7	42.8	218004	218004		
3/4/2014	3916	218004	42.7	SM3533	0.322		1858+45.8		185845.8	8 IN	X56	XR	48.384190	103.398950	2200.80	2195.70	5.10	FBE	40.3	42.8	216975	218001		
3/4/2014	3917	216975	40.3	SM3534	0.322		1858+86.0		185886.0	8 IN	X56	XR	48.384098	103.398859	2198.10	2192.90	5.20	FBE	40.7	42.7	216975	218004		
3/4/2014	3918	216975	40.7	SM3535	0.322		1859+26.7		185926.7	8 IN	X56	XR	48.384005	103.398768	2196.10	2189.90	6.20	FBE	40.3	40.3	216975	216975		
3/4/2014	3919	216975	40.3	SM3536	0.322		1859+67.0		185967.0	8 IN	X56	XR	48.383913	103.398678	2191.90	2185.80	6.10	FBE	40.6	40.7	216975	216975		
3/4/2014	3920	216975	40.6	SM3537	0.322		1860+07.6		186007.6	8 IN	X56	XR	48.383821	103.398586	2187.70	2182.40	5.30	FBE	40.4	40.3	216975	216975		
3/4/2014	3921	216975	40.4	SMT427	0.322		1860+48.1		186048.1	8 IN	X56	XR	48.383728	103.398495	2184.00	2179.50	4.50	FBE	20.3	40.6	218002	216975		
3/4/2014	3878A	218002	20.3	SMT428	0.322		1860+68.3		186068.3	8 IN	X56	XR	48.383681	103.398451	2182.80	2178.40	4.40	FBE	6.0	40.4	C30174	216975		
3/4/2014	F49	C30174	6.0	SMT429	0.322	FACTORY BEND	1860+74.3	P.I. < 3°50'42" LT.	186074.3	8 IN	X56	XR	48.383676	103.398429	2182.80	2177.90	4.90	FBE	19.9	20.3	117745	218002		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 232	SHEET No. 132 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3922	117745	19.9	SMT430	0.322		1860+94.2		186094.2	8 IN	X56	XR	48.383676	103.398347	2180.70	2176.50	4.20	FBE	41.2	6.0	D48765	C30174		
3/4/2014	3924BR	D48765	41.2	SMB351		CALCULATED BORE	1861+35.4		186135.4		X56	XR	48.383675	103.398179	2180.70	2171.34	9.36	ARO	41.2	19.9	D48763	117745		NOTE 1
3/4/2014	3925BR	D48763	41.2	SMB349		CALCULATED BORE	1861+76.6		186176.6		X56	XR	48.383674	103.398010	2181.03	2167.33	13.70	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3929BR	D48763	41.2	SMB347		CALCULATED BORE	1862+17.8		186217.8		X56	XR	48.383673	103.397841	2181.39	2164.48	16.91	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	3930BR	D48765	41.2	SMB345		CALCULATED BORE	1862+59.0		186259.0		X56	XR	48.383672	103.397672	2181.74	2162.79	18.95	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	3931BR	D48765	41.2	SMB422		CALCULATED BORE	1863+00.2		186300.2		X56	XR	48.383671	103.397502	2182.10	2162.26	19.84	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3927BR	D48763	41.2	SMB350		CALCULATED BORE	1863+41.4		186341.4		X56	XR	48.383670	103.397333	2182.47	2162.89	19.58	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3926BR	D48763	41.2	SMB348		CALCULATED BORE	1863+82.6		186382.6		X56	XR	48.383669	103.397163	2182.85	2164.68	18.17	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	3928BR	D48763	41.2	SMB346		CALCULATED BORE	1864+23.8		186423.8		X56	XR	48.383668	103.396994	2183.19	2167.63	15.56	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	3933BR	D48765	41.2	SMB344		CALCULATED BORE	1864+65.0		186465.0		X56	XR	48.383667	103.396825	2183.54	2171.73	11.81	ARO	41.3	41.2	D48765	D48763		NOTE 1
3/4/2014	3932BR	D48765	41.3	SMT431	0.322		1865+06.3		186506.3	8 IN	X56	XR	48.383666	103.396657	2183.96	2177.00	6.96	ARO	50.1	41.2	NC0748-134	D48765		
3/4/2014	3934	NC0748-134	50.1	SM3538	0.322		1865+56.5		186556.5	8 IN	X56	XR	48.383667	103.396451	2186.70	2181.40	5.30	FBE	41.7	41.3	218002	D48765		
3/4/2014	3936	218002	41.7	SM3539	0.322		1865+98.2		186598.2	8 IN	X56	XR	48.383671	103.396280	2187.70	2183.10	4.60	FBE	36.1	50.1	117743	NC0748-134		
3/4/2014	3935	117743	36.1	SMT423	0.322		1866+34.3		186634.3	8 IN	X56	XR	48.383673	103.396131	2188.40	2183.40	5.00	FBE	35.0	41.7	117741	218002		
3/4/2014	3937	117741	35.0	SMT433	0.322		1866+69.3	P.I. < 13°39'31" RT.	186669.3	8 IN	X56	XR	48.383673	103.395987	2187.99	2183.50	4.49	ARO	9.9	36.1	C30174	117743		
3/4/2014	F50	C30174	9.9	SMT434	0.322	FACTORY BEND	1866+79.2	P.I. < 14°58'40" RT.	186679.2	8 IN	X56	XR	48.383658	103.395961	2188.01	2183.60	4.41	ARO	10.1	35.0	118247	117741		
3/4/2014	3938	118247	10.1	SMT435	0.322		1866+89.2		186689.2	8 IN	X56	XR	48.383630	103.395962	2188.50	2183.80	4.70	ARO	42.8	9.9	117741	C30174		
3/4/2014	3939	117741	42.8	SM3540	0.322		1867+32.0		186732.0	8 IN	X56	XR	48.383513	103.395966	2190.30	2185.30	5.00	FBE	36.5	10.1	117741	118247		
3/4/2014	3940	117741	36.5	SM3541	0.322		1867+68.4		186768.4	8 IN	X56	XR	48.383413	103.395971	2192.00	2187.50	4.50	FBE	42.7	42.8	117741	117741		
3/4/2014	3941	117741	42.7	SM3542	0.322		1868+11.1		186811.1	8 IN	X56	XR	48.383297	103.395975	2194.80	2190.30	4.50	FBE	31.6	36.5	117746	117741		
3/4/2014	3942	117746	31.6	SM3543	0.322		1868+42.7		186842.7	8 IN	X56	XR	48.383210	103.395976	2196.30	2191.60	4.70	FBE	42.8	42.7	218001	117741		
3/4/2014	3943	218001	42.8	SM3544	0.322		1868+85.5		186885.5	8 IN	X56	XR	48.383093	103.395976	2198.80	2193.70	5.10	FBE	42.5	31.6	118247	117746		
3/4/2014	3944	118247	42.5	SM3545	0.322		1869+28.0		186928.0	8 IN	X56	XR	48.382977	103.395976	2203.10	2196.50	6.60	FBE	38.8	42.8	117746	218001		
3/4/2014	3945	117746	38.8	SM3546	0.322		1869+66.8		186966.8	8 IN	X56	XR	48.382871	103.395977	2204.10	2199.10	5.00	FBE	38.6	42.5	117743	118247		
3/4/2014	3946	117743	38.6	SM3547	0.322		1870+05.4		187005.4	8 IN	X56	XR	48.382765	103.395979	2207.10	2201.70	5.40	FBE	42.9	38.8	117741	117746		
3/4/2014	3947	117741	42.9	SM3548	0.322		1870+48.3		187048.3	8 IN	X56	XR	48.382648	103.395981	2208.70	2203.60	5.10	FBE	39.0	38.6	117741	117743		
3/4/2014	3948	117741	39.0	SM3549	0.322		1870+87.3		187087.3	8 IN	X56	XR	48.382541	103.395981	2209.60	2204.60	5.00	FBE	42.8	42.9	117741	117741		
3/4/2014	3949	117741	42.8	SM3550	0.322		1871+30.1		187130.1	8 IN	X56	XR	48.382424	103.395980	2210.30	2205.30	5.00	FBE	39.0	39.0	117741	117741		
3/4/2014	3950	117741	39.0	SM3551	0.322		1871+69.1		187169.1	8 IN	X56	XR	48.382317	103.395978	2210.70	2205.70	5.00	FBE	42.7	42.8	117741	117741		
3/4/2014	3951	117741	42.7	SM3552	0.322		1872+11.7		187211.7	8 IN	X56	XR	48.382200	103.395976	2211.60	2206.80	4.80	FBE	37.9	39.0	117741	117741		
3/4/2014	3952	117741	37.9	SM3553	0.322		1872+49.6		187249.6	8 IN	X56	XR	48.382096	103.395974	2212.90	2208.10	4.80	FBE	42.9	42.7	117741	117741		
3/4/2014	3953	117741	42.9	SM3554	0.322		1872+92.6		187292.6	8 IN	X56	XR	48.381978	103.395974	2214.40	2209.30	5.10	FBE	42.6	37.9	117741	117741		
3/4/2014	3954	117741	42.6	SM3555	0.322		1873+35.1		187335.1	8 IN	X56	XR	48.381862	103.395973	2214.50	2209.60	4.90	FBE	38.1	42.9	117741	117741		
3/4/2014	3955	117741	38.1	SM3556	0.322		1873+73.2		187373.2	8 IN	X56	XR	48.381757	103.395973	2213.80	2209.40	4.40	FBE	42.7	42.6	117741	117741		
3/4/2014	3956	117741	42.7	SM3557	0.322		1874+15.9		187415.9	8 IN	X56	XR	48.381640	103.395973	2214.60	2209.90	4.70	FBE	42.7	38.1	117741	117741		
3/4/2014	3957	117741	42.7	SM3558	0.322		1874+58.6		187458.6	8 IN	X56	XR	48.381523	103.395973	2218.10	2211.40	6.70	FBE	41.8	42.7	117741	117741		
3/4/2014	3958	117741	41.8	SM3559	0.322		1875+00.4		187500.4	8 IN	X56	XR	48.381409	103.395973	2218.50	2213.80	4.70	FBE	41.8	42.7	117741	117741		
3/4/2014	3959	117741	41.8	SM3560	0.322		1875+42.2	P.I. < 2°03'53" RT.	187542.2	8 IN	X56	XR	48.381295	103.395975	2221.00	2216.50	4.50	FBE	35.0	41.8	117741	117741		
3/4/2014	3960	117741	35.0	SMT436	0.322		1875+77.1	P.I. < 2°39'51" LT.	187577.1	8 IN	X56	XR	48.381199	103.395981	2222.40	2217.80	4.60	FBE	3.0	41.8	C30174	117741		
3/4/2014	F51	C30174	3.0	SMT437	0.322	FACTORY BEND	1875+80.1	P.I. < 2°38'14" LT.	187580.1	8 IN	X56	XR	48.381191	103.395979	2222.40	2217.80	4.60	FBE	41.2	35.0	117741	117741		
3/4/2014	3961	117741	41.2	SM3561	0.322		1876+21.3		187621.3	8 IN	X56	XR	48.381092	103.395899	2222.90	2218.20	4.70	FBE	42.7	3.0	117741	C30174		
3/4/2014	3962	117741	42.7	SM3562	0.322		1876+64.0		187664.0	8 IN	X56	XR	48.380993	103.395806	2222.10	2217.10	5.00	FBE	42.7	41.2	117741	117741		
3/4/2014	3963	117741	42.7	SM3563	0.322		1877+06.6		187706.6	8 IN	X56	XR	48.380896	103.395709	2218.10	2212.40	5.70	FBE	42.8	42.7	117741	117741		
3/4/2014	3964	117741	42.8	SM3564	0.322		1877+49.5		187749.5	8 IN	X56	XR	48.380800	103.395612	2211.20	2206.00	5.20	FBE	42.9	42.7	117741	117741		
3/4/2014	3965	117741	42.9	SM3565	0.322		1877+92.4		187792.4	8 IN	X56	XR	48.380702	103.395517	2205.20	2199.80	5.40	FBE	43.2	42.8	117741	117741		
3/4/2014	3966	117741	43.2	SM3566	0.322		1878+35.6		187835.6	8 IN	X56	XR	48.380605	103.395418	2199.10	2194.20	4.90	FBE	43.2	42.9	117741	117741		
3/4/2014	3967	117741	43.2	SM3567	0.322		1878+78.8		187878.8	8 IN	X56	XR	48.380505	103.395325	2194.00	2188.70	5.30	FBE	42.2	43.2	117741	117741		
3/4/2014	3968	117741	42.2	SM3568	0.322		1879+20.9		187920.9	8 IN	X56	XR	48.380408	103.395232	2194.00	2189.00	5.00	FBE	42.5	43.2	117741	117741		
3/4/2014	3969	117741	42.5	SM3569	0.322		1879+63.4	P.I. < 2°23'41" RT.	187963.4	8 IN	X56	XR	48.380312	103.395133	2193.40	2189.40	4.00	FBE	42.7	42.2	117741	117741		
3/4/2014	3970	117741	42.7	SM3570	0.322		1880+06.2		188006.2	8 IN	X56	XR	48.380213	103.395039	2194.10	2189.20	4.90	FBE	49.7	42.5	SC1215-117	117741		
3/4/2014	3971	SC1215-117	49.7	SM3571	0.322		1880+55.9		188055.9	8 IN	X56	XR	48.380099	103.394926	2194.60	2189.90	4.70	FBE	50.3	42.7	SC1210-127	117741		
3/4/2014	3972	SC1210-127	50.3	SMT459	0.322		1881+06.2		188106.2	8 IN	X56	XR	48.379984	103.394812	2194.50	2189.80	4.70	FBE	44.4	49.7	NC0745-131	SC1215-117		
3/4/2014	3973	NC0745-131	44.4	SMT454	0.322		1881+50.6		188150.6	8 IN	X56	XR	48.379882	103.394711	2194.00	2189.90	4.10	FBE	39.7	50.3	D48765	SC1210-127		
3/4/2014	3984BR	D48765	39.7	SMB352		CALCULATED BORE	1881+90.3		188190.3		X56	XR	48.379792	103.394623	2194.00	2185.24	8.76	ARO	41.2	44.4	D48765	NC0745-131		NOTE 1
3/4/2014	3985BR	D48765	41.2	SMB354		CALCULATED BORE	1882+31.5		188231.5		X56	XR	48.379697	103.394531	2194.27	2180.93	13.34	ARO	41.2	39.7	D48765	D48765		NOTE 1
3/4/2014	3986BR	D48765	41.2	SMB356		CALCULATED BORE	1882+72.7		188272.7		X56	XR	48.379603	103.394440	2194.40	2177.14	17.26	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3987BR	D48765	41.2	SMB358		CALCULATED BORE	1883+13.9		188313.9		X56	XR	48.379508	103.394348	2194.58	2173.88	20.70	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3988BR	D48765	41.2	SMB360		CALCULATED BORE	1883+55.1		188355.1		X56	XR	48.379414	103.394256	2194.52	2171.15	23.37	ARO	41.2	41.2	D48767	D48765		NOTE 1
3/4/2014	3989BR	D48767	41.2	SMB362		CALCULATED BORE	1883+96.3		188396.3		X56	XR	48.379319	103.394164	2194.85	2168.95	25.90	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3990BR	D48765	41.2	SMB364		CALCULATED BORE	1884+37.5		188437.5		X56	XR	48.379224	103.394073	2195.31	2167.27	28.04	ARO	41.2	41.2	D48765	D48767		NOTE 1
3/4/2014	3991BR	D48765	41.2	SMB366		CALCULATED BORE	1884+78.7		188478.7		X56	XR	48.379129	103.393981	2195.90	2166.13	29.77	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3992BR	D48765	41.2	SMB368		CALCULATED BORE	1885+19.9		188519.9		X56	XR	48.379034	103.393889	2196.49	2165.51	30.98	ARO	39.9	41.2	D48765	D48765		NOTE 1
3/4/2014	3993BR	D48765	39.9	SMB370		CALCULATED BORE	1885+59.8		188559.8		X56	XR	48.378942	103.393799	2197.05	2165.42	31.63	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	3994BR	D48765	41.2	SMT442		CALCULATED BORE	1886+01.0		188601.0		X56	XR	48.378848	103.393707	2197.64	2165.85	31.79	ARO	41.2	39.9	D48765	D48765		NOTE 1
3/4/2014	3974BR	D48765	41.2	SMB353		CALCULATED BORE	1886+42.2		188642.2		X56	XR	48.378753	103.393615	2198.22	2166.81	31.41	ARO	41.1	41.2	D48765	D48765		NOTE 1
3/4/2014	3975BR	D48765	41.1	SMB355		CALCULATED BORE	1886+83.3		188683.3		X56	XR	48.378658	103.393524	2198.33	2168.29	30.04	ARO	41.1	41.2	D48765	D48765		NOTE 1
3/4/2014	3976BR	D48765	41.1	SMB357		CALCULATED BORE	1887+24.4		188724.4		X56	XR	48.378564	103.393432	2198.48	2170.30	28.18	ARO	41.2	41.1	D48765	D48765		NOTE 1

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 233	SHEET No. 133 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3977BR	D48765	41.2	SMB359		CALCULATED BORE	1887+65.6		188765.6		X56	XR	48.378469	103.393340	2198.61	2172.84	25.77	ARO	39.8	41.1	D48767	D48765		NOTE 1
3/4/2014	3978BR	D48767	39.8	SMB361		CALCULATED BORE	1888+05.4		188805.4		X56	XR	48.378378	103.393252	2198.73	2175.80	22.93	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	3979BR	D48763	41.2	SMB363		CALCULATED BORE	1888+46.6		188846.6		X56	XR	48.378283	103.393160	2198.80	2179.38	19.42	ARO	40.9	39.8	D48765	D48767		NOTE 1
3/4/2014	3980BR	D48765	40.9	SMB365		CALCULATED BORE	1888+87.5		188887.5		X56	XR	48.378189	103.393069	2200.02	2183.46	16.56	ARO	39.6	41.2	D48765	D48763		NOTE 1
3/4/2014	3981BR	D48765	39.6	SMB367		CALCULATED BORE	1889+27.1		188927.1		X56	XR	48.378099	103.392981	2201.25	2187.90	13.35	ARO	41.2	40.9	D48765	D48765		NOTE 1
3/4/2014	3982BR	D48765	41.2	SMB369		CALCULATED BORE	1889+68.3		188968.3		X56	XR	48.378005	103.392890	2201.25	2193.04	8.21	ARO	41.2	39.6	D48765	D48765		NOTE 1
3/4/2014	3983BR	D48765	41.2	SMT455	0.322		1890+09.6	P.I. < 6°19'20" LT.	189009.6	8 IN	X56	XR	48.377911	103.392799	2203.90	2198.70	5.20	ARO	6.1	41.2	118003	D48765		
3/4/2014	3923	118003	6.1	SMT456	0.322		1890+15.7	P.I. < 3°04'38" RT.	189015.7	8 IN	X56	XR	48.377898	103.392783	2203.90	2199.00	4.90	FBE	32.8	41.2	118247	D48765		
3/4/2014	3997	118247	32.8	SM3573	0.322		1890+48.5		189048.5	8 IN	X56	XR	48.377825	103.392703	2205.00	2199.90	5.10	FBE	38.0	6.1	118247	118003		
3/4/2014	3998	118247	38.0	SM3586	0.322		1890+86.5		189086.5	8 IN	X56	XR	48.377741	103.392611	2207.00	2201.70	5.30	FBE	50.2	32.8	NC0745-131	118247		
3/4/2014	3999	NC0745-131	50.2	SM3574	0.322		1891+36.7		189136.7	8 IN	X56	XR	48.377629	103.392493	2209.80	2205.20	4.60	FBE	50.3	38.0	NC0745-131	118247		
3/4/2014	4000	NC0745-131	50.3	SM3575	0.322		1891+87.0		189187.0	8 IN	X56	XR	48.377515	103.392377	2213.80	2208.50	5.30	FBE	50.3	50.2	SC1213-119	NC0745-131		
3/4/2014	4001	SC1213-119	50.3	SM3576	0.322		1892+37.3		189237.3	8 IN	X56	XR	48.377400	103.392263	2216.80	2212.30	4.50	FBE	50.4	50.3	SC1215-117	NC0745-131		
3/4/2014	4002	SC1215-117	50.4	SM3577	0.322		1892+87.6		189287.6	8 IN	X56	XR	48.377284	103.392152	2220.50	2216.00	4.50	FBE	50.3	50.3	SC1213-119	SC1213-119		
3/4/2014	4003	SC1213-119	50.3	SM3578	0.322		1893+37.9		189337.9	8 IN	X56	XR	48.377169	103.392038	2224.60	2219.80	4.80	FBE	50.3	50.4	SC1210-125	SC1215-117		
3/4/2014	4004	SC1210-125	50.3	SM3579	0.322		1893+88.2		189388.2	8 IN	X56	XR	48.377054	103.391927	2228.50	2223.10	5.40	FBE	50.3	50.3	NC0746-126	SC1213-119		
3/4/2014	4005	NC0746-126	50.3	SM3580	0.322		1894+38.5		189438.5	8 IN	X56	XR	48.376938	103.391816	2229.60	2225.20	4.40	FBE	50.3	50.3	NC0745-131	SC1210-125		
3/4/2014	4006	NC0745-131	50.3	SM3581	0.322		1894+88.8		189488.8	8 IN	X56	XR	48.376821	103.391704	2231.40	2226.50	4.90	FBE	50.3	50.3	SC1213-119	NC0746-126		
3/4/2014	4007	SC1213-119	50.3	SM3582	0.322		1895+39.1		189539.1	8 IN	X56	XR	48.376706	103.391591	2233.40	2228.40	5.00	FBE	50.4	50.3	NC0744-116	NC0745-131		
3/4/2014	4008	NC0744-116	50.4	SM3583	0.322		1895+89.6		189589.6	8 IN	X56	XR	48.376590	103.391478	2233.00	2228.20	4.80	FBE	50.3	50.3	TC1211-111	SC1213-119		
3/4/2014	4009	TC1211-111	50.3	SM3584	0.322		1896+39.9		189639.9	8 IN	X56	XR	48.376475	103.391366	2228.50	2223.40	5.10	FBE	50.1	50.4	NC0745-131	NC0744-116		
3/4/2014	4010	NC0745-131	50.1	SM3585	0.322		1896+90.0		189690.0	8 IN	X56	XR	48.376360	103.391254	2222.90	2218.00	4.90	FBE	50.3	50.3	SC1212-121	TC1211-111		
3/4/2014	4011	SC1212-121	50.3	SM3587	0.322		1897+40.3		189740.3	8 IN	X56	XR	48.376245	103.391142	2218.20	2213.30	4.90	FBE	50.2	50.1	NC0745-131	NC0745-131		
3/4/2014	4012	NC0745-131	50.2	SM3588	0.322		1897+90.4		189790.4	8 IN	X56	XR	48.376130	103.391030	2216.10	2210.90	5.20	FBE	50.3	50.3	NC0745-131	SC1212-121		
3/4/2014	4013	NC0745-131	50.3	SM3589	0.322		1898+40.7		189840.7	8 IN	X56	XR	48.376015	103.390916	2217.00	2211.70	5.30	FBE	50.3	50.2	NC0745-131	NC0745-131		
3/4/2014	4014	NC0745-131	50.3	SM3590	0.322		1898+91.0		189891.0	8 IN	X56	XR	48.375900	103.390802	2219.30	2214.50	4.80	FBE	49.3	50.3	TC1211-118	NC0745-131		
3/4/2014	4015	TC1211-118	49.3	SM3591	0.322		1899+40.4		189940.4	8 IN	X56	XR	48.375788	103.390690	2222.70	2217.90	4.80	FBE	50.3	50.3	TC1211-111	NC0745-131		
3/4/2014	4016	TC1211-111	50.3	SM3592	0.322		1899+90.6		189990.6	8 IN	X56	XR	48.375674	103.390575	2228.70	2222.30	6.40	FBE	50.2	49.3	SC1215-117	TC1211-118		
3/4/2014	4017	SC1215-117	50.2	SM3593	0.322		1900+40.8		190040.8	8 IN	X56	XR	48.375560	103.390460	2230.60	2225.80	4.80	FBE	50.4	50.3	SC1215-117	TC1211-111		
3/4/2014	4018	SC1215-117	50.4	SM3594	0.322		1900+91.2		190091.2	8 IN	X56	XR	48.375444	103.390346	2231.10	2226.20	4.90	FBE	50.3	50.2	SC1213-119	SC1215-117		
3/4/2014	4019	SC1213-119	50.3	SM3595	0.322		1901+41.5		190141.5	8 IN	X56	XR	48.375328	103.390235	2230.60	2225.80	4.80	FBE	50.4	50.4	NC0742-112	SC1215-117		
3/4/2014	4020	NC0742-112	50.4	SM3596	0.322		1901+91.9		190191.9	8 IN	X56	XR	48.375212	103.390123	2229.40	2225.00	4.40	FBE	50.3	50.3	SC1212-129	SC1213-119		
3/4/2014	4021	SC1212-129	50.3	SM3597	0.322		1902+42.2		190242.2	8 IN	X56	XR	48.375096	103.390010	2228.70	2223.80	4.90	FBE	50.3	50.4	NC0742-112	NC0742-112		
3/4/2014	4022	NC0742-112	50.3	SM3598	0.322		1902+92.5		190292.5	8 IN	X56	XR	48.374981	103.389897	2228.50	2222.40	6.10	FBE	50.3	50.3	NC0745-113	SC1212-129		
3/4/2014	4023	NC0745-113	50.3	SM3599	0.322		1903+42.8		190342.8	8 IN	X56	XR	48.374866	103.389783	2226.20	2220.30	5.90	FBE	50.3	50.3	TC1211-111	NC0742-112		
3/4/2014	4024	TC1211-111	50.3	SM3600	0.322		1903+93.2		190393.2	8 IN	X56	XR	48.374751	103.389670	2223.50	2217.30	6.20	FBE	50.1	50.3	SC1214-107	NC0745-113		
3/4/2014	4025	SC1214-107	50.1	SM3601	0.322		1904+43.2		190443.2	8 IN	X56	XR	48.374636	103.389556	2222.00	2215.90	6.10	FBE	50.2	50.3	NC0747-112	TC1211-111		
3/4/2014	4026	NC0747-112	50.2	SM3602	0.322		1904+93.5		190493.5	8 IN	X56	XR	48.374522	103.389442	2223.00	2218.40	4.60	FBE	50.4	50.1	NC0745-113	SC1214-107		
3/4/2014	4027	NC0745-113	50.4	SM3603	0.322		1905+43.8		190543.8	8 IN	X56	XR	48.374408	103.389327	2226.30	2221.50	4.80	FBE	40.4	50.2	NB6550-1F	NC0747-112		
3/4/2014	4028	NB6550-1F	40.4	SM3604	0.322		1905+84.2		190584.2	8 IN	X56	XR	48.374315	103.389236	2228.50	2223.50	5.00	FBE	50.2	50.4	NC0744-160	NC0745-113		
3/4/2014	4029	NC0744-160	50.2	SM3605	0.322		1906+34.4		190634.4	8 IN	X56	XR	48.374199	103.389125	2231.20	2225.90	5.30	FBE	50.2	40.4	NC0748-165	NB6550-1F		
3/4/2014	4030	NC0748-165	50.2	SM3606	0.322		1906+84.7		190684.7	8 IN	X56	XR	48.374084	103.389013	2233.70	2228.50	5.20	FBE	50.2	50.2	NC0745-131	NC0744-160		
3/4/2014	4031	NC0745-131	50.2	SM3607	0.322		1907+34.9		190734.9	8 IN	X56	XR	48.373970	103.388897	2235.70	2230.70	5.00	FBE	50.3	50.2	TC1211-120	NC0748-165		
3/4/2014	4032	TC1211-120	50.3	SM3608	0.322		1907+85.3		190785.3	8 IN	X56	XR	48.373856	103.388781	2237.80	2232.60	5.20	FBE	42.7	50.2	218001	NC0745-131		
3/4/2014	4033	218001	42.7	SM3609	0.322		1908+27.9		190827.9	8 IN	X56	XR	48.373758	103.388684	2238.90	2233.70	5.20	FBE	42.8	50.3	118247	TC1211-120		
3/4/2014	4034	118247	42.8	SM3610	0.322		1908+70.7		190870.7	8 IN	X56	XR	48.373660	103.388589	2240.70	2235.80	4.90	FBE	42.7	42.7	118247	218001		
3/4/2014	4035	118247	42.7	SM3611	0.322		1909+13.4		190913.4	8 IN	X56	XR	48.373562	103.388493	2241.80	2236.60	5.20	FBE	42.8	42.8	218001	118247		
3/4/2014	4036	218001	42.8	SM3612	0.322		1909+56.2		190956.2	8 IN	X56	XR	48.373463	103.388397	2242.10	2236.40	5.70	FBE	42.6	42.7	117741	118247		
3/4/2014	4037	117741	42.6	SM3613	0.322		1909+98.8		190998.8	8 IN	X56	XR	48.373365	103.388302	2241.90	2236.40	5.50	FBE	42.6	42.8	118247	218001		
3/4/2014	4038	118247	42.6	SM3614	0.322		1910+41.4		191041.4	8 IN	X56	XR	48.373267	103.388206	2242.90	2237.50	5.40	FBE	24.6	42.6	TC1211-71	117741		
3/4/2014	2109A	TC1211-71	24.6	SM3615	0.322		1910+66.1		191066.1	8 IN	X56	XR	48.373211	103.388151	2243.80	2238.20	5.60	FBE	18.2	42.6	NC0743-28	118247		
3/4/2014	2627A	NC0743-28	18.2	SM3616	0.322		1910+84.2		191084.2	8 IN	X56	XR	48.373169	103.388109	2244.30	2238.50	5.80	FBE	18.0	24.6	TC1211-59	TC1211-71		
3/4/2014	700B	TC1211-59	18.0	SM3617	0.322		1911+02.3		191102.3	8 IN	X56	XR	48.373128	103.388068	2244.60	2238.90	5.70	FBE	26.3	18.2	NC0749-124	NC0743-28		
3/4/2014	3340A	NC0749-124	26.3	SM3618	0.322		1911+28.6		191128.6	8 IN	X56	XR	48.373068	103.388008	2245.50	2239.90	5.60	FBE	39.7	18.0	SC1210-127	TC1211-59		
3/4/2014	2616A	SC1210-127	39.7	SM3619	0.322		1911+68.4		191168.4	8 IN	X56	XR	48.372978	103.387918	2247.30	2242.30	5.00	FBE	41.5	26.3		NC0749-124		
3/4/2014	4039		41.5	SMT712	0.322	NO HEAT #	1912+09.8		191209.8	8 IN	X56	XR	48.372882	103.387826	2250.40	2243.60	6.80	FBE	6.0	39.7	SB60867	SC1210-127		
3/4/2014	V3-1	SB60867	6.0	SMT713	0.322		1912+15.8		191215.8	8 IN	X56	XR	48.372868	103.387813	2250.40	2243.60	6.80	FBE	6.2	41.5	C26266			
3/4/2014	V3-F1	C26266	6.2	SMT714	0.322	VALVE	1912+22.0		191222.0	8 IN	X56	XR	48.372856	103.387800	2249.20	2245.90	3.30	FBE	7.9	6.0	SB60867	SB60867		
3/4/2014	V3-2	SB60867	7.9	SMT715	0.322	VALVE	1912+29.9		191229.9	8 IN	X56	XR	48.372843	103.387786	2249.80	2251.40	-1.60	FBE	6.3	6.2	X24621	C26266		
3/4/2014	V3F2	X24621	6.3	SMF75	0.322	VALVE	1912+36.2	P.I. < 2°26'21" RT.	191236.2	8 IN	X56	XR	48.372831	103.387773	2251.10	2253.50	-2.40	BARE STEEL	2.0	7.9	37627	SB60867		
3/4/2014	V2-3	37627	2.0	SMF16	0.322	VALVE	1912+38.2	P.I. < 3°02'05" LT.	191238.2	8 IN	X56	XR	48.372826	103.387769	2251.10	2253.50	-2.40	BARE STEEL	3.1	6.3	VALVE	X24621		
3/4/2014	VALVE	VALVE	3.1	SMF15	0.322	VALVE	1912+41.3	P.I. < 2°49'09" RT.	191241.3	8 IN	X56	XR	48.372819	103.387761	2250.36	2253.50	-3.14	BARE STEEL	1.2	2.0	13104	37627		
3/4/2014	V2-T2	13104	1.2	SMF13	0.322	VALVE	1912+42.5		191242.5	8 IN	X56	XR	48.372817	103.387759	2250.36	2253.50	-3.14	BARE STEEL	2.1	3.1	37627	VALVE		
3/4/2014	V2-6	37627	2.1	SMF74	0.322	VALVE	1912+44.5	P.I. < 2°19'44" LT.	191244.5	8 IN	X56	XR	48.372812	103.387754	2250.36	2253.50	-3.14	BARE STEEL	7.2	1.2	X24621	13104		
3/4/2014	V3-F3	X24621	7.2	SMT716	0.322	VALVE	1912+51.7		191251.7	8 IN	X56	XR	48.372798	103.387739	2249.80	2251.20	-1.40	FBE	6.6	2.1	SB60867	37627		
3/4/2014	V3-5	SB60867	6.6	SMT717	0.322	VALVE	1912+58.2		191258.2	8 IN	X56	XR	48.372787	103.387728	2252.00	2246.60	5.40	FBE	5.7	7.2	C26266	X24621		
3/4/2014	V3-F4	C26266	5.7	SMT718	0.322		1912+63.9		191263.9	8 IN	X56	XR	48.372776	103.387716	2249.80	2244.40	5.40	FBE	13.7	6.6	D48763	SB60867		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 234	SHEET No. 134 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL									Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4040BR	D48763	13.7	SMB380		CALCULATED BORE	1912+77.6		191277.6		X56	XR	48.372745	103.387685	2252.31	2242.87	9.44	ARO	41.2	5.7	D48765	C26266		NOTE 1
3/4/2014	4041BR	D48765	41.2	SMB381		CALCULATED BORE	1913+18.8		191318.8		X56	XR	48.372650	103.387594	2253.67	2239.51	14.16	ARO	39.7	13.7	D48765	D48763		NOTE 1
3/4/2014	4042BR	D48765	39.7	SMB382		CALCULATED BORE	1913+58.5		191358.5		X56	XR	48.372559	103.387505	2255.33	2238.00	17.33	ARO	40.6	41.2	D48765	D48765		NOTE 1
3/4/2014	4043BR	D48765	40.6	SMB383		CALCULATED BORE	1913+99.1		191399.1		X56	XR	48.372465	103.387414	2257.07	2238.21	18.86	ARO	41.0	39.7	D48765	D48765		NOTE 1
3/4/2014	4044BR	D48765	41.0	SMB384		CALCULATED BORE	1914+40.1		191440.1		X56	XR	48.372371	103.387323	2258.09	2240.23	17.86	ARO	41.2	40.6	D48765	D48765		NOTE 1
3/4/2014	4045BR	D48765	41.2	SMB385		CALCULATED BORE	1914+81.3		191481.3		X56	XR	48.372277	103.387231	2259.85	2244.07	15.78	ARO	21.3	41.0	D48763	D48765		NOTE 1
3/4/2014	2618BRA	D48763	21.3	SMB386		CALCULATED BORE	1915+02.6		191502.6		X56	XR	48.372228	103.387184	2259.90	2246.77	13.13	ARO	30.7	41.2	D48763	D48765		NOTE 1
3/4/2014	861BR	D48763	30.7	SMB387		CALCULATED BORE	1915+33.3		191533.3		X56	XR	48.372158	103.387116	2260.63	2251.52	9.11	ARO	16.6	21.3	D45765	D48763		NOTE 1
3/4/2014	2742BR	D45765	16.6	SMT440	0.322		1915+49.9		191549.9	8 IN	X56	XR	48.372121	103.387080	2260.80	2254.50	6.30	ARO	42.7	30.7	218496	D48763		
3/4/2014	4046	218496	42.7	SM3620	0.322		1915+92.7		191592.7	8 IN	X56	XR	48.372024	103.386982	2261.50	2257.00	4.50	FBE	6.2	16.6	117741	D45765		
3/4/2014	4047	117741	6.2	SMT441	0.322		1915+98.8		191598.8	8 IN	X56	XR	48.372010	103.386967	2261.50	2257.30	4.20	FBE	37.3	42.7	218496	218496		
3/4/2014	4048	218496	37.3	SM3621	0.322		1916+36.1		191636.1	8 IN	X56	XR	48.371923	103.386886	2262.50	2258.30	4.20	FBE	42.7	6.2	117741	117741		
3/4/2014	4049	117741	42.7	SM3622	0.322		1916+78.8		191678.8	8 IN	X56	XR	48.371823	103.386796	2263.60	2258.90	4.70	FBE	42.8	37.3	117741	218496		
3/4/2014	4050	117741	42.8	SM3623	0.322		1917+21.7		191721.7	8 IN	X56	XR	48.371720	103.386710	2264.90	2259.70	5.20	FBE	42.7	42.7	117741	117741		
3/4/2014	4051	117741	42.7	SM3624	0.322		1917+64.3		191764.3	8 IN	X56	XR	48.371617	103.386626	2265.60	2261.00	4.60	FBE	42.7	42.8	117741	117741		
3/4/2014	4052	117741	42.7	SM3625	0.322		1918+07.1		191807.1	8 IN	X56	XR	48.371516	103.386538	2268.00	2261.10	6.90	FBE	43.1	42.7	118247	117741		
3/4/2014	4053	118247	43.1	SM3626	0.322		1918+50.2		191850.2	8 IN	X56	XR	48.371414	103.386448	2268.20	2261.80	6.40	FBE	37.5	42.7	117741	117741		
3/4/2014	4054	117741	37.5	SM3627	0.322		1918+87.6		191887.6	8 IN	X56	XR	48.371326	103.386370	2269.10	2262.40	6.70	FBE	42.5	43.1	118247	118247		
3/4/2014	4055	118247	42.5	SM3628	0.322		1919+30.2		191930.2	8 IN	X56	XR	48.371225	103.386282	2268.00	2262.60	5.40	FBE	39.7	37.5	117747	117741		
3/4/2014	4056	117747	39.7	SM3629	0.322		1919+69.9		191969.9	8 IN	X56	XR	48.371131	103.386200	2268.60	2263.10	5.50	FBE	40.3	42.5	116687	118247		
3/4/2014	4057	116687	40.3	SM3630	0.322		1920+10.2		192010.2	8 IN	X56	XR	48.371035	103.386116	2268.60	2263.00	5.60	FBE	42.7	39.7	218496	117747		
3/4/2014	4058	218496	42.7	SM3631	0.322		1920+52.9		192052.9	8 IN	X56	XR	48.370934	103.386027	2268.00	2262.50	5.50	FBE	38.8	40.3	118247	116687		
3/4/2014	4059	118247	38.8	SM3632	0.322		1920+91.8		192091.8	8 IN	X56	XR	48.370843	103.385946	2268.00	2262.40	5.60	FBE	42.6	42.7	218001	218496		
3/4/2014	4060	218001	42.6	SM3633	0.322		1921+34.3		192134.3	8 IN	X56	XR	48.370743	103.385856	2268.20	2263.00	5.20	FBE	43.0	38.8	218001	118247		
3/4/2014	4061	218001	43.0	SM3634	0.322		1921+77.3		192177.3	8 IN	X56	XR	48.370641	103.385765	2269.10	2263.50	5.60	FBE	42.6	42.6	218001	218001		
3/4/2014	4062	218001	42.6	SM3635	0.322		1922+19.9		192219.9	8 IN	X56	XR	48.370541	103.385676	2270.40	2264.90	5.50	FBE	42.8	43.0	118247	218001		
3/4/2014	4063	118247	42.8	SM3636	0.322		1922+62.7		192262.7	8 IN	X56	XR	48.370440	103.385587	2271.60	2266.20	5.40	FBE	37.6	42.6	118247	218001		
3/4/2014	4064	118247	37.6	SM3637	0.322		1923+00.3		192300.3	8 IN	X56	XR	48.370351	103.385508	2272.20	2266.60	5.60	FBE	42.7	42.8	117741	118247		
3/4/2014	4065	117741	42.7	SM3638	0.322		1923+43.0		192343.0	8 IN	X56	XR	48.370250	103.385420	2272.90	2267.30	5.60	FBE	42.7	37.6	117741	118247		
3/4/2014	4066	117741	42.7	SM3639	0.322		1923+85.8		192385.8	8 IN	X56	XR	48.370149	103.385331	2273.60	2268.40	5.20	FBE	42.7	42.7	117741	117741		
3/4/2014	4067	117741	42.7	SM3640	0.322		1924+28.5		192428.5	8 IN	X56	XR	48.370049	103.385240	2274.70	2269.10	5.60	FBE	42.7	42.7	117741	117741		
3/4/2014	4068	117741	42.7	SM3641	0.322		1924+71.2		192471.2	8 IN	X56	XR	48.369948	103.385150	2275.20	2269.40	5.80	FBE	42.8	42.7	118247	117741		
3/4/2014	4069	118247	42.8	SM3642	0.322		1925+14.0		192514.0	8 IN	X56	XR	48.369847	103.385060	2275.60	2269.90	5.70	FBE	42.6	42.7	117741	117741		
3/4/2014	4070	117741	42.6	SM3643	0.322		1925+56.7		192556.7	8 IN	X56	XR	48.369747	103.384970	2275.70	2270.20	5.50	FBE	42.9	42.8	117741	118247		
3/4/2014	4071	117741	42.9	SM3644	0.322		1925+99.5		192599.5	8 IN	X56	XR	48.369646	103.384880	2276.10	2270.50	5.60	FBE	42.6	42.7	117741	117741		
3/4/2014	4072	117741	42.7	SM3645	0.322		1926+42.3		192642.3	8 IN	X56	XR	48.369545	103.384791	2276.60	2271.00	5.60	FBE	42.7	42.9	117741	117741		
3/4/2014	4073	117741	42.7	SM3646	0.322		1926+84.9		192684.9	8 IN	X56	XR	48.369444	103.384702	2276.70	2271.10	5.60	FBE	42.8	42.7	118247	117741		
3/4/2014	4074	118247	42.8	SM3647	0.322		1927+27.7		192727.7	8 IN	X56	XR	48.369343	103.384613	2276.30	2270.90	5.40	FBE	37.0	42.7	218001	117741		
3/4/2014	4075	218001	37.0	SM3648	0.322		1927+64.7		192764.7	8 IN	X56	XR	48.369256	103.384536	2276.40	2270.80	5.60	FBE	39.1	42.8	218001	118247		
3/4/2014	4076	218001	39.1	SM3649	0.322		1928+03.8		192803.8	8 IN	X56	XR	48.369163	103.384454	2276.00	2270.60	5.40	FBE	42.9	37.0	218001	218001		
3/4/2014	4077	218001	42.9	SM3650	0.322		1928+46.7		192846.7	8 IN	X56	XR	48.369062	103.384364	2276.10	2270.60	5.50	FBE	42.6	39.1	118247	218001		
3/4/2014	4078	118247	42.6	SM3651	0.322		1928+89.3		192889.3	8 IN	X56	XR	48.368962	103.384275	2275.40	2270.20	5.20	FBE	38.6	42.9	117745	218001		
3/4/2014	4079	117745	38.6	SM3652	0.322		1929+27.9		192927.9	8 IN	X56	XR	48.368871	103.384194	2275.80	2270.40	5.40	FBE	42.7	42.6	218496	118247		
3/4/2014	4080	218496	42.7	SM3653	0.322		1929+70.5		192970.5	8 IN	X56	XR	48.368770	103.384105	2275.90	2270.30	5.60	FBE	42.8	38.6	118247	117745		
3/4/2014	4081	118247	42.8	SM3654	0.322		1930+13.4		193013.4	8 IN	X56	XR	48.368669	103.384015	2274.10	2268.50	5.60	FBE	42.7	42.7	118317	218496		
3/4/2014	4082	118317	42.7	SM3655	0.322		1930+56.1		193056.1	8 IN	X56	XR	48.368568	103.383926	2271.60	2266.10	5.50	FBE	42.8	42.8	117741	118247		
3/4/2014	4083	117741	42.8	SM3656	0.322		1930+98.9		193098.9	8 IN	X56	XR	48.368467	103.383837	2269.20	2263.70	5.50	FBE	42.7	42.7	118247	118317		
3/4/2014	4084	118247	42.7	SM3657	0.322		1931+41.6		193141.6	8 IN	X56	XR	48.368366	103.383749	2267.50	2262.30	5.20	FBE	42.8	42.8	117741	117741		
3/4/2014	4085	117741	42.8	SM3658	0.322		1931+84.4		193184.4	8 IN	X56	XR	48.368265	103.383659	2266.70	2261.30	5.40	FBE	42.6	42.7	218001	118247		
3/4/2014	4086	218001	42.6	SM3659	0.322		1932+27.1		193227.1	8 IN	X56	XR	48.368165	103.383569	2266.20	2260.50	5.70	FBE	39.0	42.8	218001	117741		
3/4/2014	4087	218001	39.0	SM3660	0.322		1932+66.1		193266.1	8 IN	X56	XR	48.368073	103.383488	2266.20	2260.60	5.60	FBE	39.1	42.6	218001	218001		
3/4/2014	4088	218001	39.1	SM3661	0.322		1933+05.1		193305.1	8 IN	X56	XR	48.367981	103.383405	2266.10	2260.40	5.70	FBE	42.7	39.0	118217	218001		
3/4/2014	4089	118217	42.7	SM3662	0.322		1933+47.9		193347.9	8 IN	X56	XR	48.367880	103.383315	2264.30	2258.70	5.60	FBE	42.7	39.1	218000	218001		
3/4/2014	4090	218000	42.7	SM3663	0.322		1933+90.6		193390.6	8 IN	X56	XR	48.367779	103.383227	2262.20	2256.70	5.50	FBE	41.7	42.7	218000	118217		
3/4/2014	4091	218000	41.7	SM3664	0.322		1934+32.3		193432.3	8 IN	X56	XR	48.367680	103.383141	2260.40	2254.60	5.80	FBE	40.5	42.7	118256	218000		
3/4/2014	4092	118256	40.5	SM3665	0.322		1934+72.8		193472.8	8 IN	X56	XR	48.367584	103.383058	2258.30	2253.00	5.30	FBE	42.8	41.7	218001	218000		
3/4/2014	4093	218001	42.8	SM3666	0.322		1935+15.6		193515.6	8 IN	X56	XR	48.367483	103.382969	2256.50	2251.40	5.10	FBE	42.7	40.5	218001	118256		
3/4/2014	4094	218001	42.7	SM3667	0.322		1935+58.3		193558.3	8 IN	X56	XR	48.367382	103.382879	2254.50	2249.70	4.80	FBE	42.8	42.8	218001	218001		
3/4/2014	4095	218001	42.8	SM3668	0.322		1936+01.1		193601.1	8 IN	X56	XR	48.367282	103.382788	2252.90	2248.80	4.10	FBE	42.7	42.7	218496	218001		
3/4/2014	4096	218496	42.7	SM3669	0.322		1936+43.8		193643.8	8 IN	X56	XR	48.367182	103.382696	2251.50	2247.20	4.30	FBE	34.2	42.8	118247	218001		
3/4/2014	4097	118247	34.2	SM3670	0.322		1936+78.0		193678.0	8 IN	X56	XR	48.367102	103.382624	2250.90	2246.60	4.30	FBE	42.8	42.7	118256	218496		
3/4/2014	4098	118256	42.8	SM3671	0.322		1937+20.8		193720.8	8 IN	X56	XR	48.367001	103.382535	2250.30	2246.10	4.20	FBE	42.7	34.2	118217	118247		
3/4/2014	4099	118217	42.7	SM3672	0.322		1937+63.5		193763.5	8 IN	X56	XR	48.366900	103.382446	2249.40	2245.20	4.20	FBE	41.8	42.8	118217	118256		
3/4/2014	4100	118217	41.8	SM3673	0.322		1938+05.3		193805.3	8 IN	X56	XR	48.366801	103.382361	2248.40	2244.00	4.40	FBE	42.9	42.7	218001	118217		
3/4/2014	4101	218001	42.9	SM3674	0.322		1938+48.2		193848.2	8 IN	X56	XR	48.366699	103.382272	2248.20	2242.60	5.60	FBE	42.5	41.8	218001	118217		
3/4/2014	4102	218001	42.5	SM3675	0.322		1938+90.7		193890.7	8 IN	X56	XR	48.366598	103.382184	2248.10	2242.40	5.70	FBE	42.9	42.9	218001	218001		
3/4/2014	4103	218001	42.9	SM3676	0.322		1939+33.5		193933.5	8 IN	X56	XR	48.366497	103.382094	2248.00	2243.40	4.60	FBE	42.7	42.5	117741	218001		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 235	SHEET No. 135 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4104	117741	42.7	SM3677	0.322		1939+76.2		193976.2	8 IN	X56	XR	48.366397	103.382004	2247.90	2243.60	4.30	FBE	42.7	42.9	117741	218001		
3/4/2014	4105	117741	42.7	SM3678	0.322		1940+19.0		194019.0	8 IN	X56	XR	48.366296	103.381914	2248.10	2243.80	4.30	FBE	42.6	42.7	218001	117741		
3/4/2014	4106	218001	42.6	SM3679	0.322		1940+61.6		194061.6	8 IN	X56	XR	48.366196	103.381824	2248.30	2243.90	4.40	FBE	40.3	42.7	118247	117741		
3/4/2014	4107	118247	40.3	SM3680	0.322		1941+01.9		194101.9	8 IN	X56	XR	48.366101	103.381740	2247.90	2243.60	4.30	FBE	42.7	42.6	218001	218001		
3/4/2014	4108	218001	42.7	SM3681	0.322		1941+44.6		194144.6	8 IN	X56	XR	48.366000	103.381650	2248.20	2243.80	4.40	FBE	42.8	40.3	218496	118247		
3/4/2014	4109	218496	42.8	SM3682	0.322		1941+87.4		194187.4	8 IN	X56	XR	48.365900	103.381559	2248.10	2243.70	4.40	FBE	40.0	42.7	116687	218001		
3/4/2014	4110	116687	40.0	SM3683	0.322		1942+27.4		194227.4	8 IN	X56	XR	48.365806	103.381473	2248.00	2243.40	4.60	FBE	40.1	42.8	116687	218496		
3/4/2014	4111	116687	40.1	SM3684	0.322		1942+67.5		194267.5	8 IN	X56	XR	48.365712	103.381388	2247.80	2243.40	4.40	FBE	39.2	40.0	218496	116687		
3/4/2014	4112	218496	39.2	SM3685	0.322		1943+06.7		194306.7	8 IN	X56	XR	48.365620	103.381305	2247.40	2243.00	4.40	FBE	39.2	40.1	218496	116687		
3/4/2014	4113	218496	39.2	SM3686	0.322		1943+45.9		194345.9	8 IN	X56	XR	48.365527	103.381223	2246.80	2241.90	4.90	FBE	39.1	39.2	218496	218496		
3/4/2014	4114	218496	39.1	SM3687	0.322		1943+85.0		194385.0	8 IN	X56	XR	48.365435	103.381141	2245.60	2240.90	4.70	FBE	41.7	39.2	218496	218496		
3/4/2014	4115	218496	41.7	SM3688	0.322		1944+26.7		194426.7	8 IN	X56	XR	48.365337	103.381054	2243.70	2239.00	4.70	FBE	42.8	39.1	218496	218496		
3/4/2014	4116	218496	42.8	SM3689	0.322		1944+69.5		194469.5	8 IN	X56	XR	48.365236	103.380966	2241.70	2237.10	4.60	FBE	42.7	41.7	118247	218496		
3/4/2014	4117	118247	42.7	SM3690	0.322		1945+12.2		194512.2	8 IN	X56	XR	48.365134	103.380878	2238.90	2234.50	4.40	FBE	40.5	42.8	116687	218496		
3/4/2014	4118	116687	40.5	SM3691	0.322		1945+52.7		194552.7	8 IN	X56	XR	48.365038	103.380795	2237.20	2232.00	5.20	FBE	37.4	42.7	218496	118247		
3/4/2014	4119	218496	37.4	SM3692	0.322		1945+90.1		194590.1	8 IN	X56	XR	48.364949	103.380718	2235.50	2230.40	5.10	FBE	38.3	40.5	116687	116687		
3/4/2014	4120	116687	38.3	SM3693	0.322		1946+28.4		194628.4	8 IN	X56	XR	48.364858	103.380640	2234.70	2229.20	5.50	FBE	36.3	37.4	116685	218496		
3/4/2014	4121	116685	36.3	SM3694	0.322		1946+64.7		194664.7	8 IN	X56	XR	48.364773	103.380564	2233.90	2228.40	5.50	FBE	42.7	38.3	118247	116687		
3/4/2014	4122	118247	42.7	SM3695	0.322		1947+07.4		194707.4	8 IN	X56	XR	48.364672	103.380475	2232.70	2227.50	5.20	FBE	42.8	36.3	118247	116685		
3/4/2014	4123	118247	42.8	SM3696	0.322		1947+50.1		194750.1	8 IN	X56	XR	48.364571	103.380385	2232.10	2226.60	5.50	FBE	42.9	42.7	118247	118247		
3/4/2014	4124	118247	42.9	SM3697	0.322		1947+93.0		194793.0	8 IN	X56	XR	48.364470	103.380295	2231.00	2225.50	5.50	FBE	42.7	42.8	118247	118247		
3/4/2014	4125	118247	42.7	SM3698	0.322		1948+35.7		194835.7	8 IN	X56	XR	48.364370	103.380205	2230.00	2224.70	5.30	FBE	39.9	42.9	116687	118247		
3/4/2014	4126	116687	39.9	SM3699	0.322		1948+75.6		194875.6	8 IN	X56	XR	48.364276	103.380121	2229.60	2224.10	5.50	FBE	40.2	42.7	116687	118247		
3/4/2014	4127	116687	40.2	SM3700	0.322		1949+15.8		194915.8	8 IN	X56	XR	48.364182	103.380036	2228.60	2223.40	5.20	FBE	40.4	39.9	116687	116687		
3/4/2014	4128	116687	40.4	SM3701	0.322		1949+56.2		194956.2	8 IN	X56	XR	48.364087	103.379949	2227.70	2222.70	5.00	FBE	40.6	40.2	216975	116687		
3/4/2014	4129	216975	40.6	SM3702	0.322		1949+96.8		194996.8	8 IN	X56	XR	48.363992	103.379863	2226.90	2222.20	4.70	FBE	40.4	40.4	216975	116687		
3/4/2014	4130	216975	40.4	SM3703	0.322		1950+37.2		195037.2	8 IN	X56	XR	48.363897	103.379777	2226.20	2221.30	4.90	FBE	40.3	40.6	116687	216975		
3/4/2014	4131	116687	40.3	SM3704	0.322		1950+77.6		195077.6	8 IN	X56	XR	48.363802	103.379693	2224.70	2220.10	4.60	FBE	39.7	40.4	216975	216975		
3/4/2014	4132	216975	39.7	SM3705	0.322		1951+17.3		195117.3	8 IN	X56	XR	48.363708	103.379610	2224.00	2219.20	4.80	FBE	42.9	40.3	218496	116687		
3/4/2014	4133	218496	42.9	SM3706	0.322		1951+60.1		195160.1	8 IN	X56	XR	48.363607	103.379521	2223.20	2218.10	5.10	FBE	42.6	39.7	218496	216975		
3/4/2014	4134	218496	42.6	SM3707	0.322		1952+02.7		195202.7	8 IN	X56	XR	48.363506	103.379432	2222.40	2217.20	5.20	FBE	40.3	42.9	116687	218496		
3/4/2014	4135	116687	40.3	SM3708	0.322		1952+43.0		195243.0	8 IN	X56	XR	48.363411	103.379347	2221.40	2216.20	5.20	FBE	44.7	42.6	218496	218496		
3/4/2014	4136	218496	44.7	SM3709	0.322		1952+87.7		195287.7	8 IN	X56	XR	48.363306	103.379254	2220.70	2215.50	5.20	FBE	32.6	40.3	117742	116687		
3/4/2014	4137	117742	32.6	SM3710	0.322		1953+20.3		195320.3	8 IN	X56	XR	48.363228	103.379187	2220.40	2215.00	5.40	FBE	43.1	44.7	218001	218496		
3/4/2014	4138	218001	43.1	SM3711	0.322		1953+63.3		195363.3	8 IN	X56	XR	48.363127	103.379097	2219.40	2214.10	5.30	FBE	42.7	32.6	218001	117742		
3/4/2014	4139	218001	42.7	SM3712	0.322		1954+06.0		195406.0	8 IN	X56	XR	48.363026	103.379008	2218.70	2213.50	5.20	FBE	42.7	43.1	118247	218001		
3/4/2014	4140	118247	42.7	SM3713	0.322		1954+48.8		195448.8	8 IN	X56	XR	48.362925	103.378919	2218.20	2213.10	5.10	FBE	42.7	42.7	118247	218001		
3/4/2014	4141	118247	42.7	SM3714	0.322		1954+91.5		195491.5	8 IN	X56	XR	48.362824	103.378830	2217.60	2212.70	4.90	FBE	42.7	42.7	118247	118247		
3/4/2014	4142	118247	42.7	SM3715	0.322		1955+34.2		195534.2	8 IN	X56	XR	48.362724	103.378739	2217.20	2212.40	4.80	FBE	42.7	42.7	117741	118247		
3/4/2014	4143	117741	42.7	SM3716	0.322		1955+76.9		195576.9	8 IN	X56	XR	48.362623	103.378648	2217.00	2212.50	4.50	FBE	38.6	42.7	117742	118247		
3/4/2014	4144	117742	38.6	SM3717	0.322		1956+15.5		195615.5	8 IN	X56	XR	48.362533	103.378565	2217.00	2212.20	4.80	FBE	42.7	42.7	117741	117741		
3/4/2014	4145	117741	42.7	SM3718	0.322		1956+58.2		195658.2	8 IN	X56	XR	48.362433	103.378475	2216.90	2212.40	4.50	FBE	42.7	38.6	117741	117742		
3/4/2014	4146	117741	42.7	SM3719	0.322		1957+00.9		195700.9	8 IN	X56	XR	48.362333	103.378384	2216.40	2211.80	4.60	FBE	38.9	42.7	218001	117741		
3/4/2014	4147	218001	38.9	SM3720	0.322		1957+39.7		195739.7	8 IN	X56	XR	48.362241	103.378302	2215.90	2210.90	5.00	FBE	43.1	42.7	218496	117741		
3/4/2014	4148	218496	43.1	SM3721	0.322		1957+82.9		195782.9	8 IN	X56	XR	48.362140	103.378210	2214.60	2209.70	4.90	FBE	42.5	38.9	218496	218001		
3/4/2014	4149	218496	42.5	SM3722	0.322		1958+25.4		195825.4	8 IN	X56	XR	48.362040	103.378121	2213.10	2207.90	5.20	FBE	37.3	43.1	218496	218496		
3/4/2014	4150	218496	37.3	SM3723	0.322		1958+62.7		195862.7	8 IN	X56	XR	48.361951	103.378045	2211.60	2206.50	5.10	FBE	39.1	42.5	218496	218496		
3/4/2014	4151	218496	39.1	SM3724	0.322		1959+01.8		195901.8	8 IN	X56	XR	48.361859	103.377964	2210.50	2205.20	5.30	FBE	42.7	37.3	218001	218496		
3/4/2014	4152	218001	42.7	SM3725	0.322		1959+44.5		195944.5	8 IN	X56	XR	48.361757	103.377876	2210.20	2204.60	5.60	FBE	42.7	39.1	118247	218496		
3/4/2014	4154	118247	42.7	SM3726	0.322		1959+87.2		195987.2	8 IN	X56	XR	48.361656	103.377788	2209.70	2204.60	5.10	FBE	42.6	42.7	118247	218001		
3/4/2014	4155	118247	42.6	SMT450	0.322		1960+29.9		196029.9	8 IN	X56	XR	48.361555	103.377700	2209.40	2204.30	5.10	FBE	42.7	42.7	118247	118247		
3/4/2014	4153	118247	42.7	SM3727	0.322		1960+72.6		196072.6	8 IN	X56	XR	48.361455	103.377609	2208.90	2203.80	5.10	FBE	39.7	42.6	218001	118247		
3/4/2014	4156	218001	39.7	SMT453R	0.322		1961+12.3		196112.3	8 IN	X56	XR	48.361362	103.377524	2208.90	2203.00	5.90	FBE	13.8	42.7	D48763	118247		
3/4/2014	4157BR	D48763	13.8	SMB371		CALCULATED BORE	1961+26.1		196126.1		X56	XR	48.361330	103.377496	2208.90	2200.63	8.27	ARO	41.1	39.7	D48763	218001		NOTE 1
3/4/2014	4158BR	D48763	41.1	SMB372		CALCULATED BORE	1961+67.2		196167.2		X56	XR	48.361234	103.377411	2206.32	2194.54	11.78	ARO	40.6	13.8	D48763	D48763		NOTE 1
3/4/2014	4159BR	D48763	40.6	SMB373		CALCULATED BORE	1962+07.8		196207.8		X56	XR	48.361138	103.377328	2205.48	2189.92	15.56	ARO	40.2	41.1	D48763	D48763		NOTE 1
3/4/2014	4160BR	D48763	40.2	SMB374		CALCULATED BORE	1962+48.0		196248.0		X56	XR	48.361043	103.377245	2204.56	2186.73	17.83	ARO	41.2	40.6	D48765	D48763		NOTE 1
3/4/2014	4161BR	D48765	41.2	SMB375		CALCULATED BORE	1962+89.2		196289.2		X56	XR	48.360946	103.377159	2203.12	2184.89	18.23	ARO	41.2	40.2	D48765	D48763		NOTE 1
3/4/2014	4162BR	D48765	41.2	SMB376		CALCULATED BORE	1963+30.4		196330.4		X56	XR	48.360848	103.377074	2203.13	2184.50	18.63	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	4163BR	D48763	41.2	SMB377		CALCULATED BORE	1963+71.6		196371.6		X56	XR	48.360751	103.376988	2203.80	2185.56	18.24	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4164BR	D48765	41.2	SMB378		CALCULATED BORE	1964+12.8		196412.8		X56	XR	48.360653	103.376903	2204.23	2188.06	16.17	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	4165BR	D48765	41.2	SMB379		CALCULATED BORE	1964+54.0		196454.0		X56	XR	48.360556	103.376818	2204.73	2192.01	12.72	ARO	40.5	41.2	D48763	D48765		NOTE 1
3/4/2014	4166BR	D48763	40.5	SMT460	0.322		1964+94.5		196494.5	8 IN	X56	XR	48.360461	103.376735	2204.80	2197.30	7.50	ARO	20.6	41.2	218496	D48765		
3/4/2014	4196	218496	20.6	SMT458	0.322		1965+15.1		196515.1	8 IN	X56	XR	48.360413	103.376691	2205.10	2198.50	6.60	FBE	42.7	40.5	218496	D48763		
3/4/2014	4167	218496	42.7	SMT457	0.322		1965+57.8		196557.8	8 IN	X56	XR	48.360313	103.376600	2204.90	2200.10	4.80	FBE	42.7	20.6	118247	218496		
3/4/2014	4168	118247	42.7	SM3728	0.322		1966+00.5		196600.5	8 IN	X56	XR	48.360212	103.376510	2204.40	2200.10	4.30	FBE	42.7	42.7	218496	218496		
3/4/2014	4169	218496	42.7	SM3729	0.322		1966+43.2		196643.2	8 IN	X56	XR	48.360111	103.376422	2204.10	2199.70	4.40	FBE	42.7	42.7	117745	118247		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 236	SHEET No. 136 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4170	117745	42.7	SM3730	0.322		1966+85.9		196685.9	8 IN	X56	XR	48.360010	103.376334	2204.20	2199.80	4.40	FBE	42.8	42.7	218496	218496		
3/4/2014	4171	218496	42.8	SM3731	0.322		1967+28.7		196728.7	8 IN	X56	XR	48.359909	103.376244	2204.20	2199.30	4.90	FBE	39.0	42.7	117742	117745		
3/4/2014	4172	117742	39.0	SM3732	0.322		1967+67.8		196767.8	8 IN	X56	XR	48.359817	103.376162	2204.80	2199.90	4.90	FBE	38.8	42.8	117748	218496		
3/4/2014	4173	117748	38.8	SM3733	0.322		1968+06.6		196806.6	8 IN	X56	XR	48.359725	103.376082	2205.30	2200.70	4.60	FBE	42.6	39.0	218496	117742		
3/4/2014	4174	218496	42.6	SM3734	0.322		1968+49.2		196849.2	8 IN	X56	XR	48.359624	103.375993	2206.40	2200.80	5.60	FBE	40.8	38.8	216978	117748		
3/4/2014	4175	216978	40.8	SM3735	0.322		1968+90.0		196890.0	8 IN	X56	XR	48.359528	103.375908	2207.10	2201.60	5.50	FBE	42.9	42.6	218496	218496		
3/4/2014	4176	218496	42.9	SM3736	0.322		1969+32.9		196932.9	8 IN	X56	XR	48.359427	103.375818	2208.50	2202.80	5.70	FBE	42.7	40.8	218496	216978		
3/4/2014	4177	218496	42.7	SM3737	0.322		1969+75.6		196975.6	8 IN	X56	XR	48.359326	103.375729	2209.70	2203.90	5.80	FBE	42.6	42.9	218496	218496		
3/4/2014	4178	218496	42.6	SM3738	0.322		1970+18.3		197018.3	8 IN	X56	XR	48.359226	103.375639	2210.00	2204.70	5.30	FBE	38.7	42.7	117742	218496		
3/4/2014	4179	117742	38.7	SM3739	0.322		1970+57.0		197057.0	8 IN	X56	XR	48.359134	103.375558	2210.70	2205.30	5.40	FBE	40.0	42.6	116687	218496		
3/4/2014	4180	116687	40.0	SM3740	0.322		1970+97.0		197097.0	8 IN	X56	XR	48.359039	103.375476	2211.30	2205.90	5.40	FBE	40.8	38.7	116687	117742		
3/4/2014	4181	116687	40.8	SM3741	0.322		1971+37.8		197137.8	8 IN	X56	XR	48.358943	103.375390	2211.50	2205.90	5.60	FBE	42.5	40.0	117742	116687		
3/4/2014	4182	117742	42.5	SM3742	0.322		1971+80.3		197180.3	8 IN	X56	XR	48.358843	103.375301	2210.10	2205.10	5.00	FBE	41.5	40.8	218496	116687		
3/4/2014	4183	218496	41.5	SM3743	0.322		1972+21.8		197221.8	8 IN	X56	XR	48.358745	103.375214	2209.90	2204.50	5.40	FBE	42.0	42.5	218496	117742		
3/4/2014	4184	218496	42.0	SM3744	0.322		1972+63.8		197263.8	8 IN	X56	XR	48.358646	103.375126	2209.70	2204.50	5.20	FBE	42.5	41.5	117743	218496		
3/4/2014	4185	117743	42.5	SM3745	0.322		1973+06.3		197306.3	8 IN	X56	XR	48.358546	103.375037	2210.00	2204.60	5.40	FBE	43.7	42.0	218496	218496		
3/4/2014	4186	218496	43.7	SM3746	0.322		1973+50.0		197350.0	8 IN	X56	XR	48.358443	103.374945	2209.60	2204.60	5.00	FBE	42.7	42.5	218004	117743		
3/4/2014	4187	218004	42.7	SM3747	0.322		1973+92.7		197392.7	8 IN	X56	XR	48.358342	103.374855	2209.50	2204.30	5.20	FBE	40.3	43.7	116687	218496		
3/4/2014	4188	116687	40.3	SM3748	0.322		1974+33.0		197433.0	8 IN	X56	XR	48.358247	103.374772	2209.50	2204.10	5.40	FBE	39.3	42.7	116685	218004		
3/4/2014	4189	116685	39.3	SM3749	0.322		1974+72.3		197472.3	8 IN	X56	XR	48.358153	103.374690	2210.10	2204.70	5.40	FBE	38.3	40.3	116686	116687		
3/4/2014	4190	116686	38.3	SM3750	0.322		1975+10.6		197510.6	8 IN	X56	XR	48.358063	103.374611	2210.90	2205.40	5.50	FBE	39.3	39.3	216975	116685		
3/4/2014	4191	216975	39.3	SM3751	0.322		1975+49.9		197549.9	8 IN	X56	XR	48.357970	103.374529	2211.40	2205.90	5.50	FBE	37.5	38.3	218496	116686		
3/4/2014	4192	218496	37.5	SM3752	0.322		1975+87.4		197587.4	8 IN	X56	XR	48.357881	103.374451	2211.80	2206.30	5.50	FBE	40.6	39.3	116687	216975		
3/4/2014	4193	116687	40.6	SM3753	0.322		1976+27.9		197627.9	8 IN	X56	XR	48.357786	103.374364	2212.20	2207.10	5.10	FBE	38.2	37.5	116687	218496		
3/4/2014	4194	116687	38.2	SM3754	0.322		1976+66.1		197666.1	8 IN	X56	XR	48.357697	103.374282	2213.30	2208.50	4.80	FBE	41.5	40.6	218004	116687		
3/4/2014	4195	218004	41.5	SMT445	0.322		1977+07.7		197707.7	8 IN	X56	XR	48.357600	103.374192	2213.20	2208.60	4.60	FBE	19.2	38.2	118247	116687		
3/4/2014	3938A	118247	19.2	SMT446	0.322		1977+26.8	P.I. < 24°09'25" LT.	197726.8	8 IN	X56	XR	48.357556	103.374151	2213.30	2208.70	4.60	FBE	5.2	41.5	C30174	218004		
3/4/2014	F52	C30174	5.2	SMT447	0.322	FACTORY BEND	1977+32.0	P.I. < 4°51'51" LT.	197732.0	8 IN	X56	XR	48.357551	103.374132	2213.30	2208.70	4.60	FBE	48.8	19.2	218496	118247		
3/4/2014	4197	218496	48.8	SM3755	0.322		1977+80.8		197780.8	8 IN	X56	XR	48.357546	103.373931	2212.90	2207.50	5.40	FBE	42.7	5.2	218495	C30174		
3/4/2014	4198	218495	42.7	SM3756	0.322		1978+23.5		197823.5	8 IN	X56	XR	48.357541	103.373756	2212.20	2206.70	5.50	FBE	42.7	48.8	117745	218496		
3/4/2014	4199	117745	42.7	SM3757	0.322		1978+66.2		197866.2	8 IN	X56	XR	48.357539	103.373580	2211.80	2206.30	5.50	FBE	42.7	42.7	218004	218495		
3/4/2014	4200	218004	42.7	SM3758	0.322		1979+08.9		197908.9	8 IN	X56	XR	48.357538	103.373405	2211.40	2205.60	5.80	FBE	36.6	42.7	218004	117745		
3/4/2014	4201	218004	36.6	SM3759	0.322		1979+45.6		197945.6	8 IN	X56	XR	48.357538	103.373254	2210.80	2205.10	5.70	FBE	42.6	42.7	117745	218004		
3/4/2014	4202	117745	42.6	SM3760	0.322		1979+88.1		197988.1	8 IN	X56	XR	48.357538	103.373079	2210.30	2204.80	5.50	FBE	42.9	36.6	218496	218004		
3/4/2014	4203	218496	42.9	SM3761	0.322		1980+31.0		198031.0	8 IN	X56	XR	48.357539	103.372902	2209.90	2204.80	5.10	FBE	42.7	42.6	218496	117745		
3/4/2014	4204	218496	42.7	SM3762	0.322		1980+73.7		198073.7	8 IN	X56	XR	48.357540	103.372727	2209.70	2205.20	4.50	FBE	37.5	42.9	218496	218496		
3/4/2014	4205	218496	37.5	SM3763	0.322		1981+11.2		198111.2	8 IN	X56	XR	48.357540	103.372573	2208.40	2204.10	4.30	FBE	37.5	42.7	218496	218496		
3/4/2014	4206	218496	37.5	SMT448	0.322		1981+48.7		198148.7	8 IN	X56	XR	48.357540	103.372419	2207.30	2202.50	4.80	FBE	39.1	37.5	218496	218496		
3/4/2014	4207	218496	39.1	SM3764	0.322		1981+87.8		198187.8	8 IN	X56	XR	48.357539	103.372258	2206.60	2201.70	4.90	FBE	42.9	37.5	218496	218496		
3/4/2014	4208	218496	42.9	SMT449	0.322		1982+30.7		198230.7	8 IN	X56	XR	48.357539	103.372082	2205.40	2200.70	4.70	FBE	41.3	39.1	D48765	218496		
3/4/2014	4209BR	D48765	41.3	SMB388	0.322	NO LONGER A BORE	1982+72.0		198272.0	8 IN	X56	XR	48.357539	103.371912	2204.60	2200.00	4.60	ARO	41.1	42.9	D48765	218496		
3/4/2014	4210BR	D48765	41.1	SMB389	0.322	NO LONGER A BORE	1983+13.1		198313.1	8 IN	X56	XR	48.357537	103.371743	2205.00	2200.30	4.70	ARO	41.1	41.3	D48765	D48765		
3/4/2014	4211BR	D48765	41.1	SMB390	0.322	NO LONGER A BORE	1983+54.2		198354.2	8 IN	X56	XR	48.357535	103.371574	2206.20	2201.50	4.70	ARO	39.2	41.1	D48765	D48765		
3/4/2014	4212BR	D48765	39.2	SMT466	0.322		1983+93.4		198393.4	8 IN	X56	XR	48.357532	103.371413	2208.20	2203.20	5.00	ARO	2.2	41.1	D48765	D48765		
3/4/2014	4212BR	D48765	2.2	SMT466	0.322	NO LONGER A BORE	1983+95.6		198395.6	8 IN	X56	XR	48.357532	103.371404	2208.20	2203.50	4.70	ARO	3.9	39.2	118247	D48765		
3/4/2014	4223A	118247	3.9	SMT467	0.322		1983+99.5		198399.5	8 IN	X56	XR	48.357531	103.371388	2208.20	2203.50	4.70	FBE	39.5	2.2	218001	D48765		
3/4/2014	4214	218001	39.5	SM3765	0.322		1984+39.0	P.I. < 2°11'55" RT.	198439.0	8 IN	X56	XR	48.357532	103.371225	2210.10	2204.80	5.30	FBE	42.7	3.9	218004	118247		
3/4/2014	4215	218004	42.7	SM3766	0.322		1984+81.7		198481.7	8 IN	X56	XR	48.357528	103.371050	2211.60	2206.20	5.40	FBE	42.7	39.5	218004	218001		
3/4/2014	4216	218004	42.7	SM3767	0.322		1985+24.4		198524.4	8 IN	X56	XR	48.357526	103.370874	2212.50	2207.10	5.40	FBE	42.7	42.7	218004	218004		
3/4/2014	4217	218004	42.7	SM3768	0.322		1985+67.1		198567.1	8 IN	X56	XR	48.357525	103.370698	2212.80	2207.40	5.40	FBE	42.8	42.7	218004	218004		
3/4/2014	4218	218004	42.8	SM3769	0.322		1986+09.9		198609.9	8 IN	X56	XR	48.357524	103.370522	2213.30	2207.80	5.50	FBE	42.7	42.7	218496	218004		
3/4/2014	4219	218496	42.7	SM3770	0.322		1986+52.6		198652.6	8 IN	X56	XR	48.357524	103.370347	2213.60	2208.70	4.90	FBE	41.3	42.8	218496	218004		
3/4/2014	4220	218496	41.3	SM3771	0.322		1986+93.9		198693.9	8 IN	X56	XR	48.357523	103.370177	2214.50	2210.10	4.40	FBE	42.7	42.7	118247	218496		
3/4/2014	4221	118247	42.7	SMT443	0.322		1987+36.6		198736.6	8 IN	X56	XR	48.357523	103.370001	2214.40	2209.60	4.80	FBE	42.4	41.3	218496	218496		
3/4/2014	4222	218496	42.4	SM3772	0.322		1987+79.0	P.I. < 2°13'33" RT.	198779.0	8 IN	X56	XR	48.357526	103.369827	2213.70	2208.50	5.20	FBE	35.0	42.7	118247	118247		
3/4/2014	4223	118247	35.0	SMT444	0.322		1988+14.1		198814.1	8 IN	X56	XR	48.357525	103.369683	2213.80	2208.80	5.00	FBE	42.8	42.4	118247	218496		
3/4/2014	4224	118247	42.8	SM3773	0.322		1988+56.9		198856.9	8 IN	X56	XR	48.357526	103.369507	2214.00	2209.40	4.60	FBE	37.9	35.0	218496	118247		
3/4/2014	4225	218496	37.9	SM3774	0.322		1988+94.8		198894.8	8 IN	X56	XR	48.357527	103.369351	2213.90	2209.00	4.90	FBE	42.8	42.8	218004	118247		
3/4/2014	4226	218004	42.8	SM3775	0.322		1989+37.6		198937.6	8 IN	X56	XR	48.357526	103.369175	2214.40	2208.90	5.50	FBE	42.7	37.9	218004	218496		
3/4/2014	4227	218004	42.7	SM3776	0.322		1989+80.3		198980.3	8 IN	X56	XR	48.357525	103.368999	2214.40	2208.90	5.50	FBE	42.7	42.8	218004	218004		
3/4/2014	4228	218004	42.7	SM3777	0.322		1990+23.0		199023.0	8 IN	X56	XR	48.357524	103.368824	2214.00	2208.80	5.20	FBE	41.2	42.7	118247	218004		
3/4/2014	4229	118247	41.2	SM3778	0.322		1990+64.2		199064.2	8 IN	X56	XR	48.357522	103.368654	2213.70	2208.50	5.20	FBE	42.8	42.7	118247	218004		
3/4/2014	4230	118247	42.8	SM3779	0.322		1991+07.0		199107.0	8 IN	X56	XR	48.357521	103.368478	2213.50	2208.40	5.10	FBE	37.7	41.2	218496	118247		
3/4/2014	4231	218496	37.7	SM3780	0.322		1991+44.7		199144.7	8 IN	X56	XR	48.357520	103.368323	2213.90	2208.50	5.40	FBE	39.3	42.8	218496	118247		
3/4/2014	4232	218496	39.3	SM3781	0.322		1991+83.9		199183.9	8 IN	X56	XR	48.357519	103.368162	2213.00	2207.70	5.30	FBE	40.1	37.7	116687	218496		
3/4/2014	4233	116687	40.1	SM3782	0.322		1992+24.1		199224.1	8 IN	X56	XR	48.357517	103.367997	2213.00	2207.10	5.90	FBE	40.7	39.3	116687	218496		
3/4/2014	4234	116687	40.7	SM3783	0.322		1992+64.7		199264.7	8 IN	X56	XR	48.357515	103.367830	2212.30	2207.20	5.10	FBE	42.5	40.1	117743	116687		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 237	SHEET No. 137 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4235	117743	42.5	SM3784	0.322		1993+07.2		199307.2	8 IN	X56	XR	48.357514	103.367655	2212.40	2207.60	4.80	FBE	41.9	40.7	218496	116687		
3/4/2014	4236	218496	41.9	SM3785	0.322		1993+49.2		199349.2	8 IN	X56	XR	48.357516	103.367482	2212.80	2208.00	4.80	FBE	42.7	42.5	117742	117743		
3/4/2014	4237	117742	42.7	SMT464	0.322		1993+91.9		199391.9	8 IN	X56	XR	48.357515	103.367307	2213.50	2209.00	4.50	FBE	26.3	41.9	218496	218496		
3/4/2014	4238	218496	26.3	SM3786	0.322		1994+18.2		199418.2	8 IN	X56	XR	48.357514	103.367198	2213.30	2208.50	4.80	FBE	42.8	42.7	118247	117742		
3/4/2014	4239	118247	42.8	SMT 465	0.322		1994+61.0		199461.0	8 IN	X56	XR	48.357514	103.367022	2213.00	2207.90	5.10	FBE	41.2	26.3	D48765	218496		
3/4/2014	4250BR	D48765	41.2	SMB391		CALCULATED BORE	1995+02.2		199502.2		X56	XR	48.357513	103.366856	2212.65	2200.59	12.06	ARO	42.2	42.8	D48765	118247		NOTE 1
3/4/2014	4251BR	D48765	42.2	SMT469	0.322		1995+44.4		199544.4	8 IN	X56	XR	48.357512	103.366684	2212.30	2207.40	4.90	ARO	48.2	41.2	116687	D48765		
3/4/2014	4252	116687	48.2	SM3787	0.322		1995+92.6	P.I. < 2°20'46" LT.	199592.6	8 IN	X56	XR	48.357513	103.366486	2212.30	2207.60	4.70	FBE	42.8	42.2	218496	D48765		
3/4/2014	4253	218496	42.8	SM3789	0.322		1996+35.4	P.I. < 4°30'03" RT.	199635.4	8 IN	X56	XR	48.357520	103.366310	2211.60	2206.70	4.90	FBE	33.1	48.2	117742	116687		
3/4/2014	4254	117742	33.1	SMT470	0.322		1996+68.6		199668.6	8 IN	X56	XR	48.357517	103.366174	2210.40	2205.90	4.50	FBE	47.6	42.8	218496	218496		
3/4/2014	4255	218496	47.6	SM3788	0.322		1997+16.2		199716.2	8 IN	X56	XR	48.357514	103.365979	2207.90	2202.60	5.30	FBE	38.4	33.1	117742	117742		
3/4/2014	4256	117742	38.4	SM3790	0.322		1997+54.5	P.I. < 2°42'41" LT.	199754.5	8 IN	X56	XR	48.357509	103.365821	2206.80	2201.40	5.40	FBE	33.6	47.6	218001	218496		
3/4/2014	4257	218001	33.6	SMT471	0.322		1997+88.1	P.I. < 2°35'43" RT.	199788.1	8 IN	X56	XR	48.357509	103.365683	2205.10	2201.00	4.10	FBE	7.5	38.4	218496	117742		
3/4/2014	4196A	218496	7.5	SMT472	0.322		1997+95.6	P.I. < 16°56'44" RT.	199795.6	8 IN	X56	XR	48.357508	103.365652	2205.10	2200.90	4.20	FBE	9.9	33.6	C30174	218001		
3/4/2014	F53	C30174	9.9	SMT473	0.322	FACTORY BEND	1998+05.5	P.I. < 10°13'27" RT.	199805.5	8 IN	X56	XR	48.357490	103.365630	2205.10	2200.70	4.40	FBE	19.6	7.5	218496	218496		
3/4/2014	4258	218496	19.6	SMT474	0.322		1998+25.1	P.I. < 2°58'56" LT.	199825.1	8 IN	X56	XR	48.357437	103.365632	2205.30	2200.90	4.40	FBE	38.6	9.9	117743	C30174		
3/4/2014	4259	117743	38.6	SM3792	0.322		1998+63.7		199863.7	8 IN	X56	XR	48.357331	103.365626	2205.70	2201.00	4.70	FBE	42.7	19.6	117745	218496		
3/4/2014	4260	117745	42.7	SM3793	0.322		1999+06.4		199906.4	8 IN	X56	XR	48.357214	103.365622	2206.00	2201.70	4.30	FBE	38.5	38.6	117742	117743		
3/4/2014	4261	117742	38.5	SM3794	0.322		1999+44.9		199944.9	8 IN	X56	XR	48.357108	103.365619	2206.80	2202.30	4.50	FBE	42.7	42.7	117743	117745		
3/4/2014	4262	117743	42.7	SMT451	0.322		1999+87.6		199987.6	8 IN	X56	XR	48.356991	103.365617	2209.50	2203.10	6.40	FBE	42.8	38.5	118247	117742		
3/4/2014	4288	118247	42.8	SM3794	0.322		2000+30.4		200030.4	8 IN	X56	XR	48.356874	103.365615	2209.20	2204.50	4.70	FBE	40.4	42.7	218001	117743		
3/4/2014	4289	218001	40.4	SM3797	0.322		2000+70.8		200070.8	8 IN	X56	XR	48.356763	103.365616	2209.50	2204.90	4.60	FBE	39.8	42.8	117743	118247		
3/4/2014	4290	117743	39.8	SMT452	0.322		2001+10.7		200110.7	8 IN	X56	XR	48.356654	103.365617	2210.10	2205.20	4.90	FBE	38.6	40.4	218495	218001		
3/4/2014	4291	218495	38.6	SM3795	0.322		2001+49.3		200149.3	8 IN	X56	XR	48.356548	103.365619	2210.00	2205.30	4.70	FBE	42.7	39.8	218496	117743		
3/4/2014	4292	218496	42.7	SM3796	0.322		2001+92.0		200192.0	8 IN	X56	XR	48.356431	103.365621	2210.00	2205.40	4.60	FBE	41.6	38.6	218496	218495		
3/4/2014	4293	218496	41.6	SM3798	0.322		2002+33.6		200233.6	8 IN	X56	XR	48.356317	103.365623	2210.30	2205.30	5.00	FBE	41.3	42.7	218495	218496		
3/4/2014	4294	218495	41.3	SM3799	0.322		2002+75.0		200275.0	8 IN	X56	XR	48.356204	103.365624	2209.50	2204.70	4.80	FBE	38.6	41.6	117742	218496		
3/4/2014	4295	117742	38.6	SM3800	0.322		2003+13.5		200313.5	8 IN	X56	XR	48.356098	103.365626	2209.30	2204.50	4.80	FBE	42.7	41.3	218496	218495		
3/4/2014	4296	218496	42.7	SM3801	0.322		2003+56.2		200356.2	8 IN	X56	XR	48.355981	103.365627	2209.40	2204.50	4.90	FBE	42.9	38.6	118247	117742		
3/4/2014	4297	118247	42.9	SM3802	0.322		2003+99.1		200399.1	8 IN	X56	XR	48.355863	103.365627	2209.50	2204.60	4.90	FBE	42.7	42.7	NO HEAT VISIBLE	218496		
3/4/2014	4298	NO HEAT VISIBLE	42.7	SM3803	0.322		2004+41.8		200441.8	8 IN	X56	XR	48.355746	103.365629	2209.40	2204.50	4.90	FBE	42.7	42.9	218496	118247		
3/4/2014	4299	218496	42.7	SM3804	0.322		2004+84.5		200484.5	8 IN	X56	XR	48.355629	103.365632	2208.80	2203.90	4.90	FBE	42.7	42.7	218004	NO HEAT VISIBLE		
3/4/2014	4300	218004	42.7	SM3805	0.322		2005+27.2		200527.2	8 IN	X56	XR	48.355512	103.365633	2207.30	2202.70	4.60	FBE	42.8	42.7	218004	218496		
3/4/2014	4301	218004	42.8	SM3806	0.322		2005+70.0		200570.0	8 IN	X56	XR	48.355395	103.365634	2206.10	2201.50	4.60	FBE	42.6	42.7	218001	218004		
3/4/2014	4302	218001	42.6	SM3807	0.322		2006+12.6		200612.6	8 IN	X56	XR	48.355278	103.365636	2206.70	2200.40	6.30	FBE	42.6	42.8	117745	218004		
3/4/2014	4303	117745	42.6	SM3808	0.322		2006+55.3		200655.3	8 IN	X56	XR	48.355162	103.365637	2203.70	2198.80	4.90	FBE	44.2	42.6	216976	218001		
3/4/2014	4304	216976	44.2	SM3809	0.322		2006+99.5		200699.5	8 IN	X56	XR	48.355040	103.365638	2203.20	2197.80	5.40	FBE	42.7	42.6	218496	117745		
3/4/2014	4305	218496	42.7	SM3810	0.322		2007+42.2		200742.2	8 IN	X56	XR	48.354923	103.365640	2202.40	2197.00	5.40	FBE	40.2	44.2	116687	216976		
3/4/2014	4306	116687	40.2	SM3811	0.322		2007+82.4		200782.4	8 IN	X56	XR	48.354813	103.365641	2202.50	2197.10	5.40	FBE	42.8	42.7	218496	218496		
3/4/2014	4307	218496	42.8	SM3812	0.322		2008+25.2		200825.2	8 IN	X56	XR	48.354696	103.365642	2204.60	2198.80	5.80	FBE	41.5	40.2	218496	116687		
3/4/2014	4308	218496	41.5	SM3813	0.322		2008+66.7		200866.7	8 IN	X56	XR	48.354582	103.365643	2207.00	2200.70	6.30	FBE	41.4	42.8	218496	218496		
3/4/2014	4309	218496	41.4	SM3814	0.322		2009+08.1		200908.1	8 IN	X56	XR	48.354469	103.365645	2207.00	2201.40	5.60	FBE	30.4	41.5	218004	218496		
3/4/2014	4310	218004	30.4	SM3815	0.322		2009+38.5		200938.5	8 IN	X56	XR	48.354385	103.365645	2207.00	2201.70	5.30	FBE	34.1	41.4	117745	218496		
3/4/2014	4311	117745	34.1	SM3816	0.322		2009+72.6	P.I. < 5°06'41" RT.	200972.6	8 IN	X56	XR	48.354292	103.365645	2207.00	2201.70	5.30	FBE	30.5	30.4	116685	218004		
3/4/2014	4312	116685	30.5	SMT475	0.322		2010+03.2	P.I. < 4°43'36" LT.	201003.2	8 IN	X56	XR	48.354208	103.365656	2207.00	2201.80	5.20	FBE	23.1	34.1	D48765	117745		
3/4/2014	4264BR	D48765	23.1	SMB413		CALCULATED BORE	2010+26.3		201026.3		X56	XR	48.354146	103.365657	2207.00	2197.84	9.16	ARO	41.2	30.5	D48765	116685		NOTE 1
3/4/2014	4265BR	D48765	41.2	SMB412		CALCULATED BORE	2010+67.5		201067.5		X56	XR	48.354035	103.365658	2206.83	2191.26	15.57	ARO	41.2	23.1	D48765	D48765		NOTE 1
3/4/2014	4266BR	D48765	41.2	SMB411		CALCULATED BORE	2011+08.7		201108.7		X56	XR	48.353923	103.365659	2206.80	2185.28	21.52	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4267BR	D48765	41.2	SMB410		CALCULATED BORE	2011+49.9		201149.9		X56	XR	48.353811	103.365660	2206.79	2179.91	26.88	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4268BR	D48765	41.2	SMB409		CALCULATED BORE	2011+91.1		201191.1		X56	XR	48.353699	103.365661	2206.76	2175.15	31.61	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	4269BR	D48763	41.2	SMB408		CALCULATED BORE	2012+32.3		201232.3		X56	XR	48.353586	103.365662	2206.73	2171.01	35.72	ARO	40.7	41.2	D48763	D48765		NOTE 1
3/4/2014	4270BR	D48763	40.7	SMB407		CALCULATED BORE	2012+73.0		201273.0		X56	XR	48.353475	103.365664	2206.70	2167.51	39.19	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	4271BR	D48765	41.2	SMB406		CALCULATED BORE	2013+14.2		201314.2		X56	XR	48.353363	103.365665	2206.69	2164.58	42.11	ARO	41.2	40.7	D48765	D48763		NOTE 1
3/4/2014	4272BR	D48765	41.2	SMB405		CALCULATED BORE	2013+55.4		201355.4		X56	XR	48.353250	103.365666	2206.34	2162.27	44.07	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4273BR	D48765	41.2	SMB415		CALCULATED BORE	2013+96.6		201396.6		X56	XR	48.353137	103.365667	2206.11	2160.57	45.54	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4274BR	D48765	41.2	SMB404		CALCULATED BORE	2014+37.8		201437.8		X56	XR	48.353024	103.365668	2205.89	2159.48	46.41	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4275BR	D48765	41.2	SMB403		CALCULATED BORE	2014+79.0		201479.0		X56	XR	48.352911	103.365670	2205.67	2159.01	46.66	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4276BR	D48765	41.2	SMB402		CALCULATED BORE	2015+20.2		201520.2		X56	XR	48.352798	103.365671	2205.44	2159.15	46.29	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4277BR	D48765	41.2	SMB401		CALCULATED BORE	2015+61.4		201561.4		X56	XR	48.352685	103.365672	2205.22	2159.91	45.31	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	4278BR	D48763	41.2	SMB400		CALCULATED BORE	2016+02.6		201602.6		X56	XR	48.352572	103.365673	2205.15	2161.29	43.86	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4279BR	D48765	41.2	SMB399		CALCULATED BORE	2016+43.8		201643.8		X56	XR	48.352460	103.365674	2205.34	2163.27	42.07	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	4280BR	D48765	41.2	SMB398		CALCULATED BORE	2016+85.0		201685.0		X56	XR	48.352347	103.365676	2205.58	2165.88	39.70	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4281BR	D48765	41.2	SMB397		CALCULATED BORE	2017+26.2		201726.2		X56	XR	48.352234	103.365677	2205.82	2169.09	36.73	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4282BR	D48765	41.2	SMB396		CALCULATED BORE	2017+67.4		201767.4		X56	XR	48.352122	103.365678	2206.06	2172.92	33.14	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4283BR	D48765	41.2	SMB395		CALCULATED BORE	2018+08.6		201808.6		X56	XR	48.352010	103.365679	2206.30	2177.36	28.94	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4284BR	D48765	41.2	SMB394		CALCULATED BORE	2018+49.8		201849.8		X56	XR	48.351898	103.365680	2206.54	2182.41	24.13	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4285BR	D48765	41.2	SMB393		CALCULATED BORE	2018+91.0		201891.0		X56	XR	48.351786	103.365681	2206.83	2188.07	18.76	ARO	41.2	41.2	D48765	D48765		NOTE 1

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 238	SHEET No. 138 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4286BR	D48765	41.2	SMB392		CALCULATED BORE	2019+32.2		201932.2		X56	XR	48.351674	103.365683	2208.52	2194.34	14.18	ARO	41.1	41.2	D48763	D48765		NOTE 1
3/4/2014	4287BR	D48763	41.1	SMT48	0.322		2019+73.3		201973.3	8 IN	X56	XR	48.351563	103.365684	2207.40	2201.20	6.20	ARO	42.6	41.2	118255	D48765		
3/4/2014	4313	118255	42.6	SM3851	0.322		2020+15.9		202015.9	8 IN	X56	XR	48.351446	103.365689	2206.50	2202.10	4.40	FBE	33.4	41.1	218496	D48763		
3/4/2014	4314	218496	33.4	SMT479	0.322		2020+49.3		202049.3	8 IN	X56	XR	48.351355	103.365690	2207.20	2203.60	6.00	FBE	42.7	42.6	117742	118255		
3/4/2014	4315	117742	42.7	SMT480	0.322		2020+92.1		202092.1	8 IN	X56	XR	48.351237	103.365687	2209.60	2204.20	5.40	FBE	9.2	33.4	SC1212-155	218496		
3/4/2014	3069A	SC1212-155	9.2	SM3852	0.322		2021+01.2		202101.2	8 IN	X56	XR	48.351212	103.365687	2209.60	2204.00	5.60	FBE	38.0	42.7	118247	117742		
3/4/2014	4316	118247	38.0	SM3853	0.322		2021+39.3		202139.3	8 IN	X56	XR	48.351108	103.365685	2209.60	2202.90	6.70	FBE	8.5	9.2	NC0748-165	SC1212-155		
3/4/2014	3010A	NC0748-165	8.5	SM3854	0.322		2021+47.8		202147.8	8 IN	X56	XR	48.351085	103.365685	2209.60	2202.80	6.80	FBE	42.8	38.0	218496	118247		
3/4/2014	4317	218496	42.8	SM3855	0.322		2021+90.5		202190.5	8 IN	X56	XR	48.350968	103.365689	2209.60	2203.70	5.90	FBE	12.8	8.5	NC0748-159	NC0748-165		
3/4/2014	2899C	NC0748-159	12.8	SM3856	0.322		2022+03.3		202203.3	8 IN	X56	XR	48.350933	103.365690	2209.60	2204.00	5.60	FBE	38.3	42.8	118247	218496		
3/4/2014	4318	118247	38.3	SM3857	0.322		2022+41.6		202241.6	8 IN	X56	XR	48.350828	103.365690	2209.30	2204.80	4.50	FBE	42.7	12.8	118355	NC0748-159		
3/4/2014	4319	118355	42.7	SM3859	0.322		2022+84.3		202284.3	8 IN	X56	XR	48.350711	103.365687	2209.60	2203.20	6.40	FBE	7.9	38.3	NC0749-162	118247		
3/4/2014	2994A	NC0749-162	7.9	SMT481	0.322		2022+92.3		202292.3	8 IN	X56	XR	48.350689	103.365686	2209.60	2202.70	6.90	FBE	42.1	42.7	SP56730	118355		
3/4/2014	4322BR	SP56730	42.1	SMB441		CALCULATED BORE	2023+34.4		202334.4		X56	XR	48.350574	103.365686	2209.00	2197.88	11.12	ARO	42.1	7.9	SP56730	NC0749-162		NOTE 1
3/4/2014	4323BR	SP56730	42.1	SMB438		CALCULATED BORE	2023+76.5		202376.5		X56	XR	48.350459	103.365687	2209.81	2194.75	15.06	ARO	42.1	42.1	SP56739	SP56730		NOTE 1
3/4/2014	4324BR	SP56739	42.1	SMB435		CALCULATED BORE	2024+18.6		202418.6		X56	XR	48.350344	103.365687	2210.26	2193.30	16.96	ARO	42.1	42.1	SP56742	SP56730		NOTE 1
3/4/2014	4325BR	SP56742	42.1	SMB432		CALCULATED BORE	2024+60.7		202460.7		X56	XR	48.350229	103.365687	2210.69	2193.55	17.14	ARO	42.1	42.1	SP56742	SP56739		NOTE 1
3/4/2014	4326BR	SP56742	42.1	SMB429		CALCULATED BORE	2025+02.8		202502.8		X56	XR	48.350113	103.365687	2211.16	2195.48	15.68	ARO	42.1	42.1	SP56734	SP56742		NOTE 1
3/4/2014	4327BR	SP56734	42.1	SMB426		CALCULATED BORE	2025+44.9		202544.9		X56	XR	48.349998	103.365688	2211.60	2199.10	12.50	ARO	42.1	42.1	SP56737	SP56742		NOTE 1
3/4/2014	4328BR	SP56737	42.1	SMT482	0.322		2025+87.0		202587.0	8 IN	X56	XR	48.349884	103.365688	2211.40	2204.40	7.00	ARO	42.1	42.1	218496	SP56734		
3/4/2014	4329	218496	42.1	SM3817	0.322		2026+29.1		202629.1	8 IN	X56	XR	48.349769	103.365689	2212.60	2207.40	5.20	FBE	42.8	42.1	118247	SP56737		
3/4/2014	4330	118247	42.8	SMT483	0.322		2026+71.9		202671.9	8 IN	X56	XR	48.349651	103.365691	2213.70	2209.70	4.00	FBE	38.4	42.1	218496	218496		
3/4/2014	4331	218496	38.4	SM3818	0.322		2027+10.3		202710.3	8 IN	X56	XR	48.349546	103.365694	2214.70	2210.10	4.60	FBE	42.9	42.8	218496	118247		
3/4/2014	4332	218496	42.9	SM3819	0.322		2027+53.3		202753.3	8 IN	X56	XR	48.349428	103.365697	2215.30	2210.80	4.50	FBE	42.5	38.4	118247	218496		
3/4/2014	4333	118247	42.5	SM3820	0.322		2027+95.7		202795.7	8 IN	X56	XR	48.349312	103.365698	2216.10	2211.70	4.40	FBE	38.5	42.9	218495	218496		
3/4/2014	4334	218495	38.5	SM3821	0.322		2028+34.2		202834.2	8 IN	X56	XR	48.349207	103.365699	2216.90	2212.30	4.60	FBE	40.4	42.5	216975	118247		
3/4/2014	4335	216975	40.4	SM3822	0.322		2028+74.6		202874.6	8 IN	X56	XR	48.349096	103.365701	2217.30	2212.60	4.70	FBE	42.7	38.5	218496	218495		
3/4/2014	4336	218496	42.7	SM3823	0.322		2029+17.3		202917.3	8 IN	X56	XR	48.348979	103.365703	2218.10	2213.00	5.10	FBE	37.7	40.4	218496	216975		
3/4/2014	4337	218496	37.7	SM3824	0.322		2029+55.0		202955.0	8 IN	X56	XR	48.348875	103.365705	2218.30	2213.30	5.00	FBE	42.7	42.7	218496	218496		
3/4/2014	4338	218496	42.7	SM3825	0.322		2029+97.7		202997.7	8 IN	X56	XR	48.348758	103.365705	2218.60	2213.70	4.90	FBE	38.5	37.7	117743	218496		
3/4/2014	4339	117743	38.5	SM3826	0.322		2030+36.2		203036.2	8 IN	X56	XR	48.348653	103.365706	2219.20	2213.90	5.30	FBE	35.2	42.7	117741	218496		
3/4/2014	4340	117741	35.2	SM3828	0.322		2030+71.4		203071.4	8 IN	X56	XR	48.348556	103.365706	2221.50	2214.60	6.90	FBE	33.5	38.5	117743	117743		
3/4/2014	4341	117743	33.5	SM3828	0.322		2031+04.9		203104.9	8 IN	X56	XR	48.348465	103.365706	2221.50	2215.00	6.50	FBE	32.9	35.2	116684	117741		
3/4/2014	4342	116684	32.9	SM3829	0.322		2031+37.8		203137.8	8 IN	X56	XR	48.348374	103.365708	2221.50	2214.90	6.60	FBE	33.1	33.5	218496	117743		
3/4/2014	4343	218496	33.1	SM3830	0.322		2031+70.9		203170.9	8 IN	X56	XR	48.348284	103.365709	2221.50	2215.20	6.30	FBE	42.7	32.9	218001	116684		
3/4/2014	4344	218001	42.7	SM3831	0.322		2032+13.6		203213.6	8 IN	X56	XR	48.348167	103.365709	2221.50	2216.00	5.50	FBE	42.8	33.1	218004	218496		
3/4/2014	4345	218004	42.8	SM3832	0.322		2032+56.4		203256.4	8 IN	X56	XR	48.348049	103.365706	2221.50	2216.00	5.50	FBE	42.7	42.7	218001	218001		
3/4/2014	4346	218001	42.7	SMT484	0.322		2032+99.0		203299.0	8 IN	X56	XR	48.347933	103.365705	2221.50	2214.60	6.90	FBE	40.1	42.8	SP56730	218004		
3/4/2014	4360BR	SP56730	40.1	SMB437		CALCULATED BORE	2033+39.1		203339.1		X56	XR	48.347824	103.365707	2221.49	2208.15	13.34	ARO	42.1	42.7	SP56730	218001		NOTE 1
3/4/2014	4361BR	SP56730	42.1	SMB434		CALCULATED BORE	2033+81.2		203381.2		X56	XR	48.347710	103.365708	2221.43	2201.98	19.45	ARO	42.1	40.1	SP56730	SP56730		NOTE 1
3/4/2014	4362BR	SP56730	42.1	SMB431		CALCULATED BORE	2034+23.3		203423.3		X56	XR	48.347596	103.365709	2221.38	2196.43	24.95	ARO	42.1	42.1	SP56739	SP56730		NOTE 1
3/4/2014	4363BR	SP56739	42.1	SMB428		CALCULATED BORE	2034+65.4		203465.4		X56	XR	48.347481	103.365711	2221.32	2191.51	29.81	ARO	42.1	42.1	SP56730	SP56730		NOTE 1
3/4/2014	4364BR	SP56730	42.1	SMB425		CALCULATED BORE	2035+07.5		203507.5		X56	XR	48.347366	103.365712	2221.27	2187.21	34.06	ARO	42.1	42.1	SP56734	SP56739		NOTE 1
3/4/2014	4365BR	SP56734	42.1	SMB423		CALCULATED BORE	2035+49.6		203549.6		X56	XR	48.347251	103.365713	2221.21	2183.54	37.67	ARO	42.1	42.1	SP56742	SP56730		NOTE 1
3/4/2014	4366BR	SP56742	42.1	SMB421		CALCULATED BORE	2035+91.7		203591.7		X56	XR	48.347136	103.365715	2221.16	2180.50	40.66	ARO	42.1	42.1	SP56739	SP56734		NOTE 1
3/4/2014	4367BR	SP56739	42.1	SMB419		CALCULATED BORE	2036+33.8		203633.8		X56	XR	48.347021	103.365716	2221.10	2178.09	43.01	ARO	42.1	42.1	SP56734	SP56742		NOTE 1
3/4/2014	4368BR	SP56734	42.1	SMB417		CALCULATED BORE	2036+75.9		203675.9		X56	XR	48.346906	103.365718	2221.05	2176.30	44.75	ARO	42.1	42.1	SP56737	SP56739		NOTE 1
3/4/2014	4369BR	SP56737	42.1	SMB415		CALCULATED BORE	2037+18.0		203718.0		X56	XR	48.346790	103.365719	2220.99	2175.14	45.85	ARO	42.1	42.1	SP56737	SP56734		NOTE 1
3/4/2014	4370BR	SP56737	42.1	SMT476R		CALCULATED BORE	2037+60.1		203760.1		X56	XR	48.346675	103.365720	2220.93	2174.61	46.32	ARO	41.2	42.1	D4765	SP56737		NOTE 1
3/4/2014	4347BR	D4765	41.2	SMB442		CALCULATED BORE	2038+01.3		203801.3		X56	XR	48.346562	103.365722	2220.93	2174.70	46.23	ARO	39.7	42.1	D48765	SP56737		NOTE 1
3/4/2014	4348BR	D48765	39.7	SMB439		CALCULATED BORE	2038+41.0		203841.0		X56	XR	48.346453	103.365723	2220.94	2175.36	45.58	ARO	41.2	41.2	D48765	D4765		NOTE 1
3/4/2014	4349BR	D48765	41.2	SMB436		CALCULATED BORE	2038+82.2		203882.2		X56	XR	48.346340	103.365724	2220.95	2176.64	44.31	ARO	41.2	39.7	D48765	D48765		NOTE 1
3/4/2014	4350BR	D48765	41.2	SMB433		CALCULATED BORE	2039+23.4		203923.4		X56	XR	48.346227	103.365726	2220.96	2178.51	42.45	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4351BR	D48765	41.2	SMB430		CALCULATED BORE	2039+64.6		203964.6		X56	XR	48.346115	103.365727	2220.96	2180.99	39.97	ARO	42.1	41.2	SP56737	D48765		NOTE 1
3/4/2014	4352BR	SP56737	42.1	SMB427		CALCULATED BORE	2040+06.7		204006.7		X56	XR	48.346000	103.365728	2221.30	2184.14	37.16	ARO	42.1	41.2	SP56734	D48765		NOTE 1
3/4/2014	4353BR	SP56734	42.1	SMB424		CALCULATED BORE	2040+48.8		204048.8		X56	XR	48.345885	103.365730	2221.28	2187.93	33.35	ARO	42.1	42.1	SP56732	SP56737		NOTE 1
3/4/2014	4354BR	SP56732	42.1	SMB422		CALCULATED BORE	2040+90.9		204090.9		X56	XR	48.345770	103.365731	2221.81	2192.33	29.48	ARO	42.1	42.1	SP56734	SP56734		NOTE 1
3/4/2014	4355BR	SP56734	42.1	SMB420		CALCULATED BORE	2041+33.0		204133.0		X56	XR	48.345655	103.365732	2222.05	2197.36	24.69	ARO	42.1	42.1	SP56739	SP56732		NOTE 1
3/4/2014	4356BR	SP56739	42.1	SMB418		CALCULATED BORE	2041+75.1		204175.1		X56	XR	48.345541	103.365734	2222.30	2203.02	19.28	ARO	42.1	42.1	SP56734	SP56734		NOTE 1
3/4/2014	4357BR	SP56734	42.1	SMB416		CALCULATED BORE	2042+17.2		204217.2		X56	XR	48.345427	103.365735	2221.22	2209.30	11.92	ARO	42.1	42.1	SP56739	SP56739		NOTE 1
3/4/2014	4358BR	SP56739	42.1	SMT485	0.322		2042+59.3		204259.3	8 IN	X56	XR	48.345313	103.365736	2222.80	2216.20	6.60	ARO	34.0	42.1	218004	SP56734		
3/4/2014	4371	218004	34.0	SM3833	0.322		2042+93.3		204293.3	8 IN	X56	XR	48.345220	103.365735	2223.40	2218.30	5.10	FBE	42.8	42.1	218004	SP56739		
3/4/2014	4372	218004	42.8	SMT477	0.322		2043+36.1		204336.1	8 IN	X56	XR	48.345103	103.365733	2223.90	2218.80	5.10	FBE	42.8	34.0	118496	218004		
3/4/2014	4373	118496	42.8	SM3834	0.322		2043+78.9		204378.9	8 IN	X56	XR	48.344985	103.365735	2224.60	2218.80	5.80	FBE	42.7	42.8	218004	218004		
3/4/2014	4374	218004	42.7	SM3835	0.322		2044+21.6		204421.6	8 IN	X56	XR	48.344868	103.365737	2225.50	2219.30	6.20	FBE	42.6	42.8	218004	118496		
3/4/2014	4375	218004	42.6	SM3836	0.322		2044+64.3		204464.3	8 IN	X56	XR	48.344751	103.365739	2225.50	2220.00	5.50	FBE	38.5	42.7	117742	218004		
3/4/2014	4376	117742	38.5	SM3837	0.322		2045+02.8		204502.8	8 IN	X56	XR	48.344646	103.365741	2226.10	2220.40	5.70	FBE	39.0	42.6	218001	218004		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 239	SHEET No. 139 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4377	218001	39.0	SM3838	0.322		2045+41.7		204541.7	8 IN	X56	XR	48.344539	103.365743	2226.70	2220.80	5.90	FBE	42.8	38.5	218496	117742		
3/4/2014	4378	218496	42.8	SM3839	0.322		2045+84.5		204584.5	8 IN	X56	XR	48.344422	103.365745	2227.00	2221.40	5.60	FBE	38.5	39.0	117743	218001		
3/4/2014	4379	117743	38.5	SM3840	0.322		2046+23.0		204623.0	8 IN	X56	XR	48.344316	103.365748	2227.20	2221.70	5.50	FBE	42.8	42.8	218496	218496		
3/4/2014	4380	218496	42.8	SM3841	0.322		2046+65.8		204665.8	8 IN	X56	XR	48.344199	103.365749	2227.70	2222.30	5.40	FBE	42.7	38.5	218496	117743		
3/4/2014	4381	218496	42.7	SM3842	0.322		2047+08.5		204708.5	8 IN	X56	XR	48.344082	103.365750	2227.50	2222.40	5.10	FBE	39.9	42.8	117743	218496		
3/4/2014	4382	117743	39.9	SM3843	0.322		2047+48.4		204748.4	8 IN	X56	XR	48.343973	103.365752	2227.70	2222.70	5.00	FBE	36.8	42.7	117743	218496		
3/4/2014	4383	117743	36.8	SM3844	0.322		2047+85.2		204785.2	8 IN	X56	XR	48.343872	103.365754	2228.50	2222.90	5.60	FBE	38.3	39.9	117743	117743		
3/4/2014	4384	117743	38.3	SM3845	0.322		2048+23.5		204823.5	8 IN	X56	XR	48.343767	103.365756	2228.60	2223.10	5.50	FBE	42.9	36.8	118255	117743		
3/4/2014	4385	118255	42.9	SM3846	0.322		2048+66.4		204866.4	8 IN	X56	XR	48.343649	103.365759	2228.40	2223.00	5.40	FBE	42.7	38.3	117742	117743		
3/4/2014	4389	117742	42.7	SM3847	0.322		2049+09.0		204909.0	8 IN	X56	XR	48.343532	103.365761	2228.30	2223.30	5.00	FBE	39.9	42.9	218495	118255		
3/4/2014	4390	218495	39.9	SM3848	0.322		2049+49.0		204949.0	8 IN	X56	XR	48.343423	103.365757	2228.10	2223.10	5.00	FBE	40.3	42.7	216975	117742		
3/4/2014	4391	216975	40.3	SM3849	0.322		2049+89.3		204989.3	8 IN	X56	XR	48.343312	103.365752	2227.70	2222.70	5.00	FBE	42.8	39.9	218004	218495		
3/4/2014	4386	218004	42.8	SM3850	0.322		2050+32.1		205032.1	8 IN	X56	XR	48.343195	103.365751	2227.70	2221.70	6.00	FBE	31.5	40.3	118247	216975		
3/4/2014	4387	118247	31.5	SMT495	0.322		2050+63.6		205063.6	8 IN	X56	XR	48.343109	103.365754	2227.70	2221.10	6.60	FBE	25.9	42.8	D48763	218004		
3/4/2014	3153BRA	D48763	25.9	SMB444		CALCULATED BORE	2050+89.5		205089.5		X56	XR	48.343038	103.365755	2227.70	2220.38	7.32	ARO	39.8	31.5	D48765	118247		NOTE 1
3/4/2014	3179BR	D48765	39.8	SMB445		CALCULATED BORE	2051+29.3		205129.3		X56	XR	48.342929	103.365756	2227.70	2219.46	8.24	ARO	40.0	25.9	D48765	D48763		NOTE 1
3/4/2014	3128BR	D48765	40.0	SMB446		CALCULATED BORE	2051+69.3		205169.3		X56	XR	48.342819	103.365757	2227.70	2218.78	8.92	ARO	41.2	39.8	D48763	D48765		NOTE 1
3/4/2014	5000BR	D48763	41.2	SMB447		CALCULATED BORE	2052+10.4		205210.4		X56	XR	48.342706	103.365758	2227.70	2218.33	9.37	ARO	41.2	40.0	D48765	D48765		NOTE 1
3/4/2014	4392BR	D48765	41.2	SMB448		CALCULATED BORE	2052+51.7		205251.7		X56	XR	48.342593	103.365759	2227.70	2218.14	9.56	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	4393BR	D48765	41.2	SMB449		CALCULATED BORE	2052+92.9		205292.9		X56	XR	48.342480	103.365760	2227.70	2218.20	9.50	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4394BR	D48765	41.2	SMB450		CALCULATED BORE	2053+34.1		205334.1		X56	XR	48.342368	103.365761	2227.70	2218.51	9.19	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	4395BR	D48763	41.2	SMB451		CALCULATED BORE	2053+75.3		205375.3		X56	XR	48.342255	103.365762	2227.70	2219.08	8.62	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	4396BR	D48763	41.2	SMB452		CALCULATED BORE	2054+16.5		205416.5		X56	XR	48.342142	103.365763	2232.90	2219.90	13.00	ARO	41.2	41.2	D48763	D48763		NOTE 1
3/4/2014	4397BR	D48763	41.2	SMB453		CALCULATED BORE	2054+57.7		205457.7		X56	XR	48.342029	103.365764	2231.43	2220.98	10.45	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	4398BR	D48765	41.2	SMB454		CALCULATED BORE	2054+98.9		205498.9		X56	XR	48.341916	103.365765	2231.43	2222.31	9.12	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	4399BR	D48765	41.2	SMB455		CALCULATED BORE	2055+40.1		205540.1		X56	XR	48.341803	103.365766	2233.13	2223.90	9.23	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	4400BR	D48763	41.2	SMB456		CALCULATED BORE	2055+81.3		205581.3		X56	XR	48.341690	103.365767	2234.40	2225.74	8.66	ARO	41.2	41.2	D48765	D48765		NOTE 1
3/4/2014	4401BR	D48765	41.2	SMB457		CALCULATED BORE	2056+22.5		205622.5		X56	XR	48.341577	103.365768	2235.48	2227.84	7.64	ARO	41.2	41.2	D48765	D48763		NOTE 1
3/4/2014	4402BR	D48765	41.2	SMB458		CALCULATED BORE	2056+63.7		205663.7		X56	XR	48.341465	103.365769	2236.88	2230.19	6.69	ARO	41.2	41.2	D48763	D48765		NOTE 1
3/4/2014	4403BR	D48763	41.2	SMT502	0.322		2057+04.9	P.I. < 2°43'37" RT.	205704.9	8 IN	X56	XR	48.341352	103.365770	2238.80	2232.80	6.00	ARO	22.1	41.2	117743	D48765		
3/4/2014	4404	117743	22.1	SMT503	0.322		2057+27.0	P.I. < 2°44'39" LT.	205727.0	8 IN	X56	XR	48.341291	103.365775	2238.20	2233.70	4.50	FBE	50.5	41.2	SC1213-51	D48763		
3/4/2014	2794	SC1213-51	50.5	SM3861	0.322		2057+77.5		205777.5	8 IN	X56	XR	48.341153	103.365776	2238.90	2234.30	4.60	FBE	42.8	22.1	117743	117743		
3/4/2014	4406	117743	42.8	SM3862	0.322		2058+20.3		205820.3	8 IN	X56	XR	48.341036	103.365775	2239.90	2235.00	4.90	FBE	42.7	50.5	118247	SC1213-51		
3/4/2014	4407	118247	42.7	SM3863	0.322		2058+63.0		205863.0	8 IN	X56	XR	48.340919	103.365774	2240.70	2236.50	4.20	FBE	42.8	42.8	118255	117743		
3/4/2014	4408	118255	42.8	SM3864	0.322		2059+05.8		205905.8	8 IN	X56	XR	48.340801	103.365774	2242.60	2237.50	5.10	FBE	42.6	42.7	118247	118255		
3/4/2014	4409	118255	42.6	SM3865	0.322		2059+48.4		205948.4	8 IN	X56	XR	48.340685	103.365776	2244.10	2238.90	5.20	FBE	37.7	42.8	218496	118255		
3/4/2014	4410	218496	37.7	SM3866	0.322		2059+86.2		205986.2	8 IN	X56	XR	48.340581	103.365777	2245.50	2240.30	5.20	FBE	42.6	42.6	117741	118255		
3/4/2014	4411	117741	42.6	SM3867	0.322		2060+28.8		206028.8	8 IN	X56	XR	48.340465	103.365779	2246.90	2242.00	4.90	FBE	42.9	37.7	218496	218496		
3/4/2014	4412	218496	42.9	SM3868	0.322		2060+71.7		206071.7	8 IN	X56	XR	48.340347	103.365779	2248.50	2243.70	4.80	FBE	42.6	42.6	218496	117741		
3/4/2014	4413	218496	42.6	SM3869	0.322		2061+14.3		206114.3	8 IN	X56	XR	48.340230	103.365780	2249.80	2245.00	4.80	FBE	37.5	42.9	218496	218496		
3/4/2014	4414	218496	37.5	SM3870	0.322		2061+51.8		206151.8	8 IN	X56	XR	48.340127	103.365780	2250.50	2245.70	4.80	FBE	42.8	42.6	218496	218496		
3/4/2014	4415	218496	42.8	SM3871	0.322		2061+94.6		206194.6	8 IN	X56	XR	48.340010	103.365781	2252.70	2246.70	6.00	FBE	39.7	37.5	216975	218496		
3/4/2014	4416	216975	39.7	SM3872	0.322		2062+34.3		206234.3	8 IN	X56	XR	48.339901	103.365782	2252.60	2247.10	5.50	FBE	40.5	42.8	216975	218496		
3/4/2014	4417	216975	40.5	SM3873	0.322		2062+74.8		206274.8	8 IN	X56	XR	48.339790	103.365784	2253.00	2247.60	5.40	FBE	38.5	39.7	216975	216975		
3/4/2014	4418	216975	38.5	SM3874	0.322		2063+13.3		206313.3	8 IN	X56	XR	48.339685	103.365784	2253.50	2248.20	5.30	FBE	38.1	40.5	116687	216975		
3/4/2014	4419	116687	38.1	SM3875	0.322		2063+51.4		206351.4	8 IN	X56	XR	48.339580	103.365785	2253.80	2248.60	5.20	FBE	42.2	38.5	218002	216975		
3/4/2014	4420	218002	42.2	SM3876	0.322		2063+93.5		206393.5	8 IN	X56	XR	48.339465	103.365786	2253.80	2248.80	5.00	FBE	42.8	38.1	118247	116687		
3/4/2014	4421	118247	42.8	SM3877	0.322		2064+36.4		206436.4	8 IN	X56	XR	48.339348	103.365787	2254.20	2248.10	6.10	FBE	42.6	42.2	218004	218002		
3/4/2014	4422	218004	42.6	SM3878	0.322		2064+79.0		206479.0	8 IN	X56	XR	48.339231	103.365789	2254.10	2247.20	6.90	FBE	42.7	42.8	218004	118247		
3/4/2014	4423	218004	42.7	SM3879	0.322		2065+21.7		206521.7	8 IN	X56	XR	48.339114	103.365792	2253.60	2247.30	6.30	FBE	42.8	42.6	218004	218004		
3/4/2014	4424	218004	42.8	SM3880	0.322		2065+64.5		206564.5	8 IN	X56	XR	48.338996	103.365794	2253.20	2247.90	5.30	FBE	42.7	42.7	218004	218004		
3/4/2014	4425	218004	42.7	SM3881	0.322		2066+07.2		206607.2	8 IN	X56	XR	48.338879	103.365795	2253.90	2247.90	6.00	FBE	40.5	42.8	116686	218004		
3/4/2014	4426	116686	40.5	SM3882	0.322		2066+47.7		206647.7	8 IN	X56	XR	48.338768	103.365797	2254.90	2248.20	6.70	FBE	42.9	42.7	218004	218004		
3/4/2014	4427	218004	42.9	SM3883	0.322		2066+90.7		206690.7	8 IN	X56	XR	48.338651	103.365797	2253.80	2248.50	5.30	FBE	42.8	40.5	218004	116686		
3/4/2014	4428	218004	42.8	SM3884	0.322		2067+33.5		206733.5	8 IN	X56	XR	48.338533	103.365799	2254.20	2248.80	5.40	FBE	42.6	42.9	218004	218004		
3/4/2014	4429	218004	42.6	SM3885	0.322		2067+76.1		206776.1	8 IN	X56	XR	48.338416	103.365799	2254.10	2248.60	5.50	FBE	39.2	42.8	218496	218004		
3/4/2014	4430	218496	39.2	SM3886	0.322		2068+15.3		206815.3	8 IN	X56	XR	48.338309	103.365800	2253.60	2248.20	5.40	FBE	42.7	42.6	218496	218004		
3/4/2014	4431	218496	42.7	SM3887	0.322		2068+58.0		206858.0	8 IN	X56	XR	48.338192	103.365802	2253.20	2247.90	5.30	FBE	42.7	39.2	118247	218496		
3/4/2014	4432	118247	42.7	SM3888	0.322		2069+00.8		206900.8	8 IN	X56	XR	48.338075	103.365804	2253.90	2248.60	5.30	FBE	42.7	42.7	118247	218496		
3/4/2014	4433	118247	42.7	SM3889	0.322		2069+43.5		206943.5	8 IN	X56	XR	48.337957	103.365805	2254.90	2249.50	5.40	FBE	40.5	42.7	116687	118247		
3/4/2014	4434	116687	40.5	SM3890	0.322		2069+84.0		206984.0	8 IN	X56	XR	48.337846	103.365806	2255.80	2251.00	4.80	FBE	36.1	42.7	117745	118247		
3/4/2014	4435	117745	36.1	SM3891	0.322		2070+20.1		207020.1	8 IN	X56	XR	48.337748	103.365807	2256.50	2251.30	5.20	FBE	42.6	40.5	118247	116687		
3/4/2014	4436	118247	42.6	SM3892	0.322		2070+62.7		207062.7	8 IN	X56	XR	48.337631	103.365808	2257.30	2251.90	5.40	FBE	43.0	36.1	218496	117745		
3/4/2014	4437	218496	43.0	SM3893	0.322		2071+05.7		207105.7	8 IN	X56	XR	48.337513	103.365809	2258.50	2252.90	5.60	FBE	42.6	42.6	218496	118247		
3/4/2014	4438	218496	42.6	SM3894	0.322		2071+48.3		207148.3	8 IN	X56	XR	48.337396	103.365811	2260.10	2254.40	5.70	FBE	42.7	43.0	218004	218496		
3/4/2014	4439	218004	42.7	SM3895	0.322		2071+91.0		207191.0	8 IN	X56	XR	48.337279	103.365811	2261.20	2255.80	5.40	FBE	42.7	42.6	218004	218496		
3/4/2014	4440	218004	42.7	SM3896	0.322		2072+33.7		207233.7	8 IN	X56	XR	48.337162	103.365811	2264.30	2257.40	6.90	FBE	40.2	42.7	216975	218004		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS Petroleum Field Services, LLC, 7535 Hilltop Circle, Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 240	SHEET No. 140 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4441	216975	40.2	SM3897	0.322		2072+73.9		207273.9	8 IN	X56	XR	48.337052	103.365812	2263.70	2258.20	5.50	FBE	42.8	42.7	118247	218004		
3/4/2014	4442	118247	42.8	SM3898	0.322		2073+16.7		207316.7	8 IN	X56	XR	48.336935	103.365813	2264.30	2258.80	5.50	FBE	42.2	40.2	118247	216975		
3/4/2014	4443	118247	42.2	SM3899	0.322		2073+58.8		207358.8	8 IN	X56	XR	48.336819	103.365814	2264.90	2259.40	5.50	FBE	39.0	42.8	117745	118247		
3/4/2014	4444	117745	39.0	SM3900	0.322		2073+97.8		207397.8	8 IN	X56	XR	48.336713	103.365815	2265.60	2260.30	5.30	FBE	37.6	42.2	218002	118247		
3/4/2014	4445	218002	37.6	SM3901	0.322		2074+35.5		207435.5	8 IN	X56	XR	48.336609	103.365816	2265.40	2260.00	5.40	FBE	41.8	39.0	218004	117745		
3/4/2014	4446	218004	41.8	SM3902	0.322		2074+77.2		207477.2	8 IN	X56	XR	48.336495	103.365817	2264.70	2259.40	5.30	FBE	37.9	37.6	218002	218002		
3/4/2014	4447	218002	37.9	SM3903	0.322		2075+15.2		207515.2	8 IN	X56	XR	48.336391	103.365818	2264.30	2258.60	5.70	FBE	42.7	41.8	218002	218004		
3/4/2014	4448	218002	42.7	SM3904	0.322		2075+57.9		207557.9	8 IN	X56	XR	48.336274	103.365819	2263.40	2257.90	5.50	FBE	32.7	37.9	218002	218002		
3/4/2014	4449	218002	32.7	SM3905	0.322		2075+90.5		207590.5	8 IN	X56	XR	48.336184	103.365820	2263.00	2257.50	5.50	FBE	39.5	42.7	21800	218002		
3/4/2014	4450	21800	39.5	SM3906	0.322		2076+30.0		207630.0	8 IN	X56	XR	48.336076	103.365821	2262.40	2257.10	5.30	FBE	39.3	32.7	118247	218002		
3/4/2014	4451	118247	39.3	SM3907	0.322		2076+69.4		207669.4	8 IN	X56	XR	48.335968	103.365822	2261.70	2256.60	5.10	FBE	34.6	39.5	117743	21800		
3/4/2014	4452	117743	34.6	SM3908	0.322		2077+03.9		207703.9	8 IN	X56	XR	48.335873	103.365824	2262.30	2256.30	6.00	FBE	35.6	39.3	216976	118247		
3/4/2014	4453	216976	35.6	SM3909	0.322		2077+39.5		207739.5	8 IN	X56	XR	48.335776	103.365825	2261.70	2256.30	5.40	FBE	50.3	34.6	NC0744-110	117743		
3/4/2014	4454	NC0744-110	50.3	SM3910	0.322		2077+89.8		207789.8	8 IN	X56	XR	48.335638	103.365826	2261.30	2255.90	5.40	FBE	50.1	35.6	NC0744-110	216976		
3/4/2014	4455	NC0744-110	50.1	SM3911	0.322		2078+40.0		207840.0	8 IN	X56	XR	48.335501	103.365826	2261.10	2255.80	5.30	FBE	50.5	50.3	NC0745-113	NC0744-110		
3/4/2014	4456	NC0745-113	50.5	SM3912	0.322		2078+90.4		207890.4	8 IN	X56	XR	48.335362	103.365827	2261.10	2255.80	5.30	FBE	49.8	50.1	SC1210-123	NC0744-110		
3/4/2014	4457	SC1210-123	49.8	SM3913	0.322		2079+40.2		207940.2	8 IN	X56	XR	48.335226	103.365829	2261.70	2256.30	5.40	FBE	50.3	50.5	NC0742-112	NC0745-113		
3/4/2014	4458	NC0742-112	50.3	SM3914	0.322		2079+90.5		207990.5	8 IN	X56	XR	48.335088	103.365830	2262.30	2256.90	5.40	FBE	50.1	49.8	TC1211-120	SC1210-123		
3/4/2014	4459	TC1211-120	50.1	SM3915	0.322		2080+40.6		208040.6	8 IN	X56	XR	48.334951	103.365831	2263.50	2257.90	5.60	FBE	50.2	50.3	TC1211-118	NC0742-112		
3/4/2014	4460	TC1211-118	50.2	SM3916	0.322		2080+90.8		208090.8	8 IN	X56	XR	48.334813	103.365832	2263.90	2258.80	5.10	FBE	42.2	50.1	22035508	TC1211-120		
3/4/2014	4461	22035508	42.2	SM3917	0.322		2081+33.0		208133.0	8 IN	X56	XR	48.334697	103.365832	2264.60	2259.50	5.10	FBE	42.0	50.2	2156790810	TC1211-118		
3/4/2014	4462	2156790810	42.0	SM3918	0.322		2081+75.0		208175.0	8 IN	X56	XR	48.334582	103.365833	2265.50	2260.50	5.00	FBE	42.2	42.2	2156790810	22035508		
3/4/2014	4463	2156790810	42.2	SM3919	0.322		2082+17.2		208217.2	8 IN	X56	XR	48.334467	103.365834	2266.70	2261.50	5.20	FBE	26.5	42.0	NB6550-6F	2156790810		
3/4/2014	3458B	NB6550-6F	26.5	SM3920	0.322		2082+43.7		208243.7	8 IN	X56	XR	48.334394	103.365834	2267.80	2262.30	5.50	FBE	42.1	42.2	SB60871	2156790810		
3/4/2014	4465	SB60871	42.1	SM4118	0.322		2082+85.8		208285.8	8 IN	X56	XR	48.334279	103.365836	2269.30	2263.80	5.50	FBE	10.2	26.5	NB6550-19F	NB6550-6F		
3/4/2014	3166A	NB6550-19F	10.2	SM4119	0.322		2082+96.0		208296.0	8 IN	X56	XR	48.334251	103.365836	2269.30	2264.30	5.00	FBE	42.0	42.1	SB60875	SB60871		
3/4/2014	4466	SB60875	42.0	SM3921R	0.322		2083+38.0		208338.0	8 IN	X56	XR	48.334136	103.365837	2271.50	2265.90	5.60	FBE	10.5	10.2	NC0747-154	NB6550-19F		
3/4/2014	3175A	NC0747-154	10.5	SM3922	0.322		2083+48.5		208348.5	8 IN	X56	XR	48.334107	103.365837	2271.50	2266.30	5.20	FBE	42.2	42.0	SB60875	SB60875		
3/4/2014	4467	SB60875	42.2	SM3923	0.322		2083+90.7		208390.7	8 IN	X56	XR	48.333991	103.365839	2273.50	2267.80	5.70	FBE	10.2	10.5	NC0748-136	NC0747-154		
3/4/2014	3183A	NC0748-136	10.2	SM3924	0.322		2084+01.0		208401.0	8 IN	X56	XR	48.333963	103.365839	2273.50	2268.10	5.40	FBE	42.1	42.2	SB60875	SB60875		
3/4/2014	4468	SB60875	42.1	SM3925	0.322		2084+43.0		208443.0	8 IN	X56	XR	48.333848	103.365841	2275.00	2269.60	5.40	FBE	23.6	10.2	NB6550-17F	NC0748-136		
3/4/2014	3339A	NB6550-17F	23.6	SM3926	0.322		2084+66.6		208466.6	8 IN	X56	XR	48.333783	103.365842	2275.90	2270.50	5.40	FBE	42.1	42.1	SB60875	SB60875		
3/4/2014	4469	SB60875	42.1	SM3927	0.322		2085+08.7		208508.7	8 IN	X56	XR	48.333668	103.365843	2277.80	2272.20	5.60	FBE	15.6	23.6	NB6549-20F	NB6550-17F		
3/4/2014	3390B	NB6549-20F	15.6	SM3928	0.322		2085+24.3		208524.3	8 IN	X56	XR	48.333625	103.365843	2278.00	2272.70	5.30	FBE	24.8	42.1	NB6551-3F	SB60875		
3/4/2014	3509A	NB6551-3F	24.8	SM3929	0.322		2085+49.1		208549.1	8 IN	X56	XR	48.333557	103.365845	2278.70	2273.40	5.30	FBE	17.9	15.6	NB6549-7F	NB6549-20F		
3/4/2014	3285A	NB6549-7F	17.9	SM3930	0.322		2085+67.0		208567.0	8 IN	X56	XR	48.333508	103.365845	2279.10	2273.80	5.30	FBE	42.1	24.8	SB60875	NB6551-3F		
3/4/2014	4470	SB60875	42.1	SM3931	0.322		2086+09.1		208609.1	8 IN	X56	XR	48.333393	103.365847	2280.00	2274.80	5.20	FBE	42.2	17.9	SB60875	NB6549-7F		
3/4/2014	4471	SB60875	42.2	SM3932	0.322		2086+51.3		208651.3	8 IN	X56	XR	48.333277	103.365847	2280.90	2275.50	5.40	FBE	42.1	42.1	SB60875	SB60875		
3/4/2014	4472	SB60875	42.1	SM3933	0.322		2086+93.4		208693.4	8 IN	X56	XR	48.333162	103.365849	2282.40	2276.70	5.70	FBE	42.1	42.2	SB60875	SB60875		
3/4/2014	4473	SB60875	42.1	SM3934	0.322		2087+35.5		208735.5	8 IN	X56	XR	48.333047	103.365850	2283.00	2277.90	5.10	FBE	42.1	42.1	SB60863	SB60875		
3/4/2014	4474	SB60863	42.1	SM3935	0.322		2087+77.5		208777.5	8 IN	X56	XR	48.332932	103.365852	2284.20	2279.00	5.20	FBE	42.1	42.1	SB60863	SB60875		
3/4/2014	4475	SB60863	42.1	SM3936	0.322		2088+19.6		208819.6	8 IN	X56	XR	48.332816	103.365852	2285.60	2280.10	5.50	FBE	42.1	42.1	SB60863	SB60863		
3/4/2014	4476	SB60863	42.1	SM3937	0.322		2088+61.7		208861.7	8 IN	X56	XR	48.332701	103.365853	2286.40	2280.90	5.50	FBE	42.1	42.1	SB60863	SB60863		
3/4/2014	4477	SB60863	42.1	SM3938	0.322		2089+03.8		208903.8	8 IN	X56	XR	48.332585	103.365853	2287.30	2281.90	5.40	FBE	42.1	42.1	SB60875	SB60863		
3/4/2014	4478	SB60875	42.1	SM3939	0.322		2089+45.9		208945.9	8 IN	X56	XR	48.332470	103.365854	2287.80	2282.30	5.50	FBE	42.0	42.1	SB60875	SB60863		
3/4/2014	4479	SB60875	42.0	SM3940	0.322		2089+88.0		208988.0	8 IN	X56	XR	48.332355	103.365856	2288.40	2282.80	5.60	FBE	42.1	42.1	SB60875	SB60875		
3/4/2014	4480	SB60875	42.1	SM3941	0.322		2090+30.0		209030.0	8 IN	X56	XR	48.332240	103.365857	2289.20	2283.90	5.30	FBE	42.2	42.0	SB60875	SB60875		
3/4/2014	4481	SB60875	42.2	SM3942	0.322		2090+72.2		209072.2	8 IN	X56	XR	48.332124	103.365858	2290.50	2284.90	5.60	FBE	42.1	42.1	SB60875	SB60875		
3/4/2014	4482	SB60875	42.1	SM3943	0.322		2091+14.3		209114.3	8 IN	X56	XR	48.332009	103.365858	2291.70	2286.00	5.70	FBE	42.1	42.2	SB60863	SB60875		
3/4/2014	4483	SB60863	42.1	SM3944	0.322		2091+56.3		209156.3	8 IN	X56	XR	48.331893	103.365858	2292.30	2287.00	5.30	FBE	42.1	42.1	SP56737	SB60875		
3/4/2014	4484	SP56737	42.1	SM3945	0.322		2091+98.4		209198.4	8 IN	X56	XR	48.331778	103.365859	2293.30	2288.10	5.20	FBE	42.1	42.1	SP56739	SB60863		
3/4/2014	4485	SP56739	42.1	SM3946	0.322		2092+40.6		209240.6	8 IN	X56	XR	48.331663	103.365860	2293.70	2288.20	5.50	FBE	42.0	42.1	SP56742	SP56737		
3/4/2014	4486	SP56742	42.0	SM3947	0.322		2092+82.6		209282.6	8 IN	X56	XR	48.331547	103.365861	2293.90	2288.10	5.80	FBE	42.1	42.1	SP56742	SP56739		
3/4/2014	4487	SP56742	42.1	SM3948	0.322		2093+24.7		209324.7	8 IN	X56	XR	48.331432	103.365862	2294.20	2288.50	5.70	FBE	42.1	42.0	SP56742	SP56742		
3/4/2014	4488	SP56742	42.1	SM3949	0.322		2093+66.8		209366.8	8 IN	X56	XR	48.331317	103.365863	2294.60	2288.80	5.80	FBE	42.1	42.1	SP56742	SP56742		
3/4/2014	4489	SP56742	42.1	SM3950	0.322		2094+08.8		209408.8	8 IN	X56	XR	48.331201	103.365864	2295.00	2289.60	5.40	FBE	42.1	42.1	SP56742	SP56742		
3/4/2014	4490	SP56742	42.1	SM3951	0.322		2094+50.9		209450.9	8 IN	X56	XR	48.331086	103.365865	2295.20	2290.20	5.00	FBE	42.2	42.1	SP56742	SP56742		
3/4/2014	4491	SP56742	42.2	SM3952	0.322		2094+93.1		209493.1	8 IN	X56	XR	48.330970	103.365866	2296.30	2290.80	5.50	FBE	42.1	42.1	SP56737	SP56742		
3/4/2014	4492	SP56737	42.1	SM3953	0.322		2095+35.2		209535.2	8 IN	X56	XR	48.330855	103.365867	2297.70	2292.00	5.70	FBE	42.1	42.2	SP56737	SP56742		
3/4/2014	4493	SP56737	42.1	SM3954	0.322		2095+77.3		209577.3	8 IN	X56	XR	48.330740	103.365868	2299.40	2293.60	5.80	FBE	42.1	42.1	SP56734	SP56737		
3/4/2014	4494	SP56734	42.1	SM3955	0.322		2096+19.4		209619.4	8 IN	X56	XR	48.330624	103.365869	2301.20	2295.60	5.60	FBE	42.1	42.1	SP56734	SP56737		
3/4/2014	4495	SP56734	42.1	SM3956	0.322		2096+61.5		209661.5	8 IN	X56	XR	48.330509	103.365869	2303.10	2297.30	5.80	FBE	42.1	42.1	SP53760	SP56734		
3/4/2014	4496	SP53760	42.1	SM3957	0.322		2097+03.5		209703.5	8 IN	X56	XR	48.330394	103.365870	2303.70	2298.20	5.50	FBE	42.1	42.1	SP56737	SP56734		
3/4/2014	4497	SP56737	42.1	SM3958	0.322		2097+45.7		209745.7	8 IN	X56	XR	48.330278	103.365871	2303.40	2298.10	5.30	FBE	42.1	42.1	SP56734	SP53760		
3/4/2014	4498	SP56734	42.1	SM3959	0.322		2097+87.7		209787.7	8 IN	X56	XR	48.330163	103.365873	2304.10	2297.50	6.60	FBE	42.2	42.1	SP56732	SP56737		
3/4/2014	4499	SP56732	42.2	SM3960	0.322		2098+29.9		209829.9	8 IN	X56	XR	48.330048	103.365875	2304.40	2297.50	6.90	FBE	42.1	42.1	SP56734	SP56734		
3/4/2014	4500	SP56734	42.1	SM3961	0.322		2098+72.0		209872.0	8 IN	X56	XR	48.329932	103.365877	2303.40	2297.80	5.60	FBE	42.1	42.2	SP56734	SP56732		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 241	SHEET No. 141 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4501	SP56734	42.1	SM3962	0.322		2099+14.1		209914.1	8 IN	X56	XR	48.329817	103.365878	2303.40	2298.30	5.10	FBE	42.1	42.1	SP56732	SP56734		
3/4/2014	4502	SP56732	42.1	SM3963	0.322		2099+56.2		209956.2	8 IN	X56	XR	48.329701	103.365879	2303.10	2298.50	4.60	FBE	42.1	42.1	SB60867	SP56734		
3/4/2014	4503	SB60867	42.1	SM3964	0.322		2099+98.3		209998.3	8 IN	X56	XR	48.329586	103.365881	2303.10	2298.50	4.60	FBE	42.1	42.1	SB60867	SP56732		
3/4/2014	4504	SB60867	42.1	SM3965	0.322		2100+40.4		210040.4	8 IN	X56	XR	48.329471	103.365885	2303.40	2298.60	4.80	FBE	42.1	42.1	SB60859	SB60867		
3/4/2014	4505	SB60859	42.1	SM3966	0.322		2100+82.5		210082.5	8 IN	X56	XR	48.329355	103.365887	2303.80	2299.50	4.30	FBE	42.0	42.1	SB60859	SB60867		
3/4/2014	4506	SB60859	42.0	SM3967	0.322		2101+24.5		210124.5	8 IN	X56	XR	48.329240	103.365887	2304.40	2299.50	4.90	FBE	42.2	42.1	SB60867	SB60859		
3/4/2014	4507	SB60867	42.2	SM3968	0.322		2101+66.7		210166.7	8 IN	X56	XR	48.329124	103.365888	2306.30	2300.70	5.60	FBE	42.0	42.0	SB60867	SB60859		
3/4/2014	4508	SB60867	42.0	SM3969	0.322		2102+08.7		210208.7	8 IN	X56	XR	48.329009	103.365888	2308.40	2302.80	5.60	FBE	42.1	42.2	SB60867	SB60867		
3/4/2014	4509	SB60867	42.1	SM3970	0.322		2102+50.8		210250.8	8 IN	X56	XR	48.328894	103.365886	2311.20	2305.50	5.70	FBE	42.1	42.0	SB60867	SB60867		
3/4/2014	4510	SB60867	42.1	SM3971	0.322		2102+92.9		210292.9	8 IN	X56	XR	48.328779	103.365887	2313.90	2307.40	6.50	FBE	42.2	42.1	SB60859	SB60867		
3/4/2014	4511	SB60859	42.2	SM3972	0.322		2103+35.1		210335.1	8 IN	X56	XR	48.328663	103.365887	2315.00	2308.10	6.90	FBE	42.1	42.1	SB60875	SB60867		
3/4/2014	4512	SB60875	42.1	SM3973	0.322		2103+77.2		210377.2	8 IN	X56	XR	48.328548	103.365889	2313.10	2307.80	5.30	FBE	42.0	42.2	SB60875	SB60859		
3/4/2014	4513	SB60875	42.0	SM3974	0.322		2104+19.2		210419.2	8 IN	X56	XR	48.328433	103.365891	2312.20	2307.40	4.80	FBE	42.1	42.1	SB60863	SB60875		
3/4/2014	4514	SB60863	42.1	SM3975	0.322		2104+61.3		210461.3	8 IN	X56	XR	48.328317	103.365893	2312.40	2307.30	5.10	FBE	42.0	42.0	SB60863	SB60875		
3/4/2014	4515	SB60863	42.0	SMT461	0.322		2105+03.3		210503.3	8 IN	X56	XR	48.328202	103.365894	2313.00	2308.20	4.80	FBE	42.1	42.1	SB60867	SB60863		
3/4/2014	4516	SB60867	42.1	SMT462	0.322		2105+45.4		210545.4	8 IN	X56	XR	48.328087	103.365894	2314.00	2309.50	4.50	FBE	17.5	42.0	SB60871	SB60863		
3/4/2014	4575	SB60871	17.5	SMT463	0.322		2105+62.9		210562.9	8 IN	X56	XR	48.328039	103.365895	2313.60	2309.40	4.20	FBE	42.0	42.1	SB60867	SB60867		
3/4/2014	4517	SB60867	42.0	SM3976	0.322		2106+04.9		210604.9	8 IN	X56	XR	48.327924	103.365896	2313.90	2308.80	5.10	FBE	42.1	17.5	SB60863	SB60871		
3/4/2014	4518	SB60863	42.1	SM3977	0.322		2106+47.0		210647.0	8 IN	X56	XR	48.327808	103.365896	2315.00	2310.00	5.00	FBE	42.1	42.0	SB60867	SB60867		
3/4/2014	4519	SB60867	42.1	SM3978	0.322		2106+89.1		210689.1	8 IN	X56	XR	48.327693	103.365898	2316.00	2310.80	5.20	FBE	42.0	42.1	SB60867	SB60863		
3/4/2014	4520	SB60867	42.0	SM3979	0.322		2107+31.1		210731.1	8 IN	X56	XR	48.327578	103.365898	2316.90	2312.10	4.80	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4521	SB60867	42.1	SM3980	0.322		2107+73.2		210773.2	8 IN	X56	XR	48.327463	103.365900	2319.50	2313.20	6.30	FBE	42.1	42.0	SB60871	SB60867		
3/4/2014	4522	SB60871	42.1	SM3981	0.322		2108+15.3		210815.3	8 IN	X56	XR	48.327347	103.365902	2319.90	2314.50	5.40	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4523	SB60867	42.1	SM3982	0.322		2108+57.4		210857.4	8 IN	X56	XR	48.327232	103.365903	2320.80	2315.50	5.30	FBE	42.2	42.1	SB60867	SB60871		
3/4/2014	4524	SB60867	42.2	SM3983	0.322		2108+99.6		210899.6	8 IN	X56	XR	48.327116	103.365903	2321.20	2315.80	5.40	FBE	42.0	42.1	SB60867	SB60867		
3/4/2014	4525	SB60867	42.0	SM3984	0.322		2109+41.7		210941.7	8 IN	X56	XR	48.327001	103.365904	2320.10	2315.10	5.00	FBE	42.0	42.2	SP56734	SB60867		
3/4/2014	4526	SP56734	42.0	SM3985	0.322		2109+83.6		210983.6	8 IN	X56	XR	48.326886	103.365905	2319.40	2314.30	5.10	FBE	42.2	42.0	SB60867	SB60867		
3/4/2014	4527	SB60867	42.2	SM3986	0.322		2110+25.8		211025.8	8 IN	X56	XR	48.326770	103.365905	2319.40	2314.20	5.20	FBE	42.1	42.0	SB60867	SP56734		
3/4/2014	4528	SB60867	42.1	SM3987	0.322		2110+67.9		211067.9	8 IN	X56	XR	48.326655	103.365906	2319.50	2314.20	5.30	FBE	42.0	42.2	SB60867	SB60867		
3/4/2014	4529	SB60867	42.0	SM3988	0.322		2111+10.0		211110.0	8 IN	X56	XR	48.326540	103.365908	2319.20	2313.80	5.40	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4530	SB60867	42.1	SM3989	0.322		2111+52.1		211152.1	8 IN	X56	XR	48.326424	103.365910	2318.10	2312.80	5.30	FBE	42.2	42.0	SB60871	SB60867		
3/4/2014	4531	SB60871	42.2	SM3990	0.322		2111+94.2		211194.2	8 IN	X56	XR	48.326309	103.365912	2316.80	2311.70	5.10	FBE	42.0	42.1	SB60867	SB60867		
3/4/2014	4532	SB60867	42.0	SM3991	0.322		2112+36.2		211236.2	8 IN	X56	XR	48.326194	103.365914	2316.40	2311.20	5.20	FBE	42.1	42.2	SB60859	SB60871		
3/4/2014	4533	SB60859	42.1	SM3992	0.322		2112+78.3		211278.3	8 IN	X56	XR	48.326078	103.365917	2317.10	2311.60	5.50	FBE	42.1	42.0	SB60859	SB60867		
3/4/2014	4534	SB60859	42.1	SM3993	0.322		2113+20.4		211320.4	8 IN	X56	XR	48.325963	103.365918	2317.50	2312.50	5.00	FBE	42.2	42.1	SB60859	SB60859		
3/4/2014	4535	SB60859	42.2	SM3994	0.322		2113+62.6		211362.6	8 IN	X56	XR	48.325847	103.365918	2317.20	2312.00	5.20	FBE	42.0	42.1	SB60859	SB60859		
3/4/2014	4536	SB60859	42.0	SM3995	0.322		2114+04.6		211404.6	8 IN	X56	XR	48.325732	103.365919	2316.50	2311.20	5.30	FBE	42.1	42.2	SB60867	SB60859		
3/4/2014	4537	SB60867	42.1	SM3996	0.322		2114+46.7		211446.7	8 IN	X56	XR	48.325617	103.365921	2315.40	2310.10	5.30	FBE	42.1	42.0	SB60867	SB60859		
3/4/2014	4538	SB60867	42.1	SM3997	0.322		2114+88.9		211488.9	8 IN	X56	XR	48.325501	103.365921	2313.30	2307.90	5.40	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4539	SB60867	42.1	SM3998	0.322		2115+30.9		211530.9	8 IN	X56	XR	48.325386	103.365921	2311.00	2306.20	4.80	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4540	SB60867	42.1	SM3999	0.322		2115+73.0		211573.0	8 IN	X56	XR	48.325271	103.365922	2308.90	2304.20	4.70	FBE	42.1	42.1	SB60863	SB60867		
3/4/2014	4541	SB60863	42.1	SM4000	0.322		2116+15.1		211615.1	8 IN	X56	XR	48.325156	103.365924	2307.30	2302.20	5.10	FBE	42.0	42.1	SB60863	SB60867		
3/4/2014	4542	SB60863	42.0	SM4001	0.322		2116+57.1		211657.1	8 IN	X56	XR	48.325041	103.365925	2306.60	2301.30	5.30	FBE	42.1	42.1	SP56742	SB60863		
3/4/2014	4543	SP56742	42.1	SM4002	0.322		2116+99.2		211699.2	8 IN	X56	XR	48.324925	103.365927	2306.00	2300.80	5.20	FBE	42.2	42.0	SP56742	SB60863		
3/4/2014	4544	SP56742	42.2	SM4003	0.322		2117+41.4		211741.4	8 IN	X56	XR	48.324809	103.365927	2306.30	2300.40	5.90	FBE	42.1	42.1	SP56732	SP56742		
3/4/2014	4545	SP56732	42.1	SM4004	0.322		2117+83.5		211783.5	8 IN	X56	XR	48.324694	103.365928	2305.40	2300.20	5.20	FBE	42.1	42.2	SP56734	SP56742		
3/4/2014	4546	SP56734	42.1	SM4005	0.322		2118+25.6		211825.6	8 IN	X56	XR	48.324579	103.365929	2304.70	2299.90	4.80	FBE	42.1	42.1	SB60867	SP56732		
3/4/2014	4547	SB60867	42.1	SM4006	0.322		2118+67.7		211867.7	8 IN	X56	XR	48.324463	103.365932	2304.40	2299.30	5.10	FBE	42.0	42.1	SP56734	SP56734		
3/4/2014	4548	SP56734	42.0	SM4007	0.322		2119+09.7		211909.7	8 IN	X56	XR	48.324348	103.365933	2304.00	2299.40	4.60	FBE	42.2	42.1	SB60867	SB60867		
3/4/2014	4549	SB60867	42.2	SM4008	0.322		2119+51.9		211951.9	8 IN	X56	XR	48.324232	103.365934	2304.30	2299.50	4.80	FBE	42.0	42.0	SP56739	SP56734		
3/4/2014	4464	SP56739	42.0	SM4009	0.322		2119+93.9		211993.9	8 IN	X56	XR	48.324117	103.365935	2305.30	2299.70	5.60	FBE	42.1	42.2	SP56732	SB60867		
3/4/2014	4550	SP56732	42.1	SM4010	0.322		2120+36.0		212036.0	8 IN	X56	XR	48.324002	103.365936	2306.30	2300.90	5.40	FBE	42.2	42.0	SP56742	SP56739		
3/4/2014	4551	SP56742	42.2	SM4011	0.322		2120+78.2		212078.2	8 IN	X56	XR	48.323887	103.365936	2308.10	2302.80	5.30	FBE	42.0	42.1	SP56737	SP56732		
3/4/2014	4552	SP56737	42.0	SM4012	0.322		2121+20.2		212120.2	8 IN	X56	XR	48.323772	103.365937	2311.30	2305.50	5.80	FBE	42.1	42.2	SP56732	SP56742		
3/4/2014	4553	SP56732	42.1	SM4013	0.322		2121+62.3		212162.3	8 IN	X56	XR	48.323657	103.365936	2313.80	2308.80	5.00	FBE	42.2	42.0	SP56742	SP56737		
3/4/2014	4554	SP56742	42.2	SM4014	0.322		2122+04.5		212204.5	8 IN	X56	XR	48.323541	103.365936	2317.20	2312.00	5.20	FBE	42.1	42.1	SP56742	SP56732		
3/4/2014	4555	SP56742	42.1	SM4015	0.322		2122+46.6		212246.6	8 IN	X56	XR	48.323426	103.365938	2319.40	2314.20	5.20	FBE	40.7	42.2	SP56742	SP56742		
3/4/2014	4556	SP56742	40.7	SM4016	0.322		2122+87.3		212287.3	8 IN	X56	XR	48.323314	103.365940	2320.00	2314.70	5.30	FBE	42.1	42.1	SP56742	SP56742		
3/4/2014	4557	SP56742	42.1	SM4017	0.322		2123+29.4		212329.4	8 IN	X56	XR	48.323199	103.365942	2317.10	2311.70	5.40	FBE	42.1	40.7	SP56732	SP56742		
3/4/2014	4558	SP56732	42.1	SM4018	0.322		2123+71.5		212371.5	8 IN	X56	XR	48.323085	103.365944	2313.40	2308.10	5.30	FBE	42.1	42.1	SB60859	SP56742		
3/4/2014	4559	SB60859	42.1	SM4019	0.322		2124+13.6		212413.6	8 IN	X56	XR	48.322969	103.365945	2311.30	2306.20	5.10	FBE	42.1	42.1	SB60859	SP56732		
3/4/2014	4560	SB60859	42.1	SM4020	0.322		2124+55.6		212455.6	8 IN	X56	XR	48.322854	103.365946	2309.50	2304.20	5.30	FBE	42.1	42.1	SB60875	SB60859		
3/4/2014	4561	SB60875	42.1	SM4021	0.322		2124+97.7		212497.7	8 IN	X56	XR	48.322739	103.365947	2306.70	2301.20	5.50	FBE	42.0	42.1	SB60871	SB60859		
3/4/2014	4562	SB60871	42.0	SM4022	0.322		2125+39.8		212539.8	8 IN	X56	XR	48.322624	103.365948	2303.60	2298.00	5.60	FBE	42.1	42.1	SB60875	SB60875		
3/4/2014	4563	SB60875	42.1	SM4023	0.322		2125+81.9		212581.9	8 IN	X56	XR	48.322509	103.365950	2300.20	2294.80	5.40	FBE	42.1	42.0	SB60875	SB60871		
3/4/2014	4564	SB60875	42.1	SM4024	0.322		2126+24.0		212624.0	8 IN	X56	XR	48.322394	103.365950	2297.70	2292.50	5.20	FBE	42.1	42.1	SB60859	SB60875		
3/4/2014	4565	SB60859	42.1	SM4025	0.322		2126+66.1		212666.1	8 IN	X56	XR	48.322278	103.365950	2296.90	2291.90	5.00	FBE	42.0	42.1	SB60875	SB60875		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
	COLUMN TOTAL	
	PROJECT TOTAL	

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 242	SHEET No. 142 OF 149

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As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4566	SB60875	42.0	SM4026	0.322		2127+08.1		212708.1	8 IN	X56	XR	48.322163	103.365951	2297.30	2292.30	5.00	FBE	42.1	42.1	SB60859	SB60859		
3/4/2014	4567	SB60859	42.1	SM4027	0.322		2127+50.2		212750.2	8 IN	X56	XR	48.322048	103.365952	2301.60	2294.80	6.80	FBE	42.1	42.0	SB60859	SB60875		
3/4/2014	4568	SB60859	42.1	SM4028	0.322		2127+92.3		212792.3	8 IN	X56	XR	48.321933	103.365953	2304.00	2298.60	5.40	FBE	42.1	42.1	SB60859	SB60859		
3/4/2014	4569	SB60859	42.1	SM4029	0.322		2128+34.4		212834.4	8 IN	X56	XR	48.321818	103.365955	2307.60	2302.80	4.80	FBE	42.1	42.1	SB60871	SB60859		
3/4/2014	4570	SB60871	42.1	SM4030	0.322		2128+76.5		212876.5	8 IN	X56	XR	48.321703	103.365957	2310.80	2305.50	5.30	FBE	42.2	42.1	SB60871	SB60859		
3/4/2014	4571	SB60871	42.2	SM4031	0.322		2129+18.6		212918.6	8 IN	X56	XR	48.321588	103.365958	2312.00	2307.00	5.00	FBE	42.1	42.1	SB60875	SB60871		
3/4/2014	4572	SB60875	42.1	SM4032	0.322		2129+60.8		212960.8	8 IN	X56	XR	48.321472	103.365960	2309.90	2304.50	5.40	FBE	42.1	42.2	SB60859	SB60871		
3/4/2014	4573	SB60859	42.1	SM4033	0.322		2130+02.9		213002.9	8 IN	X56	XR	48.321357	103.365961	2305.70	2301.30	4.40	FBE	42.3	42.1	SB60867	SB60875		
3/4/2014	4574	SB60867	42.3	SMT486	0.322		2130+45.2		213045.2	8 IN	X56	XR	48.321242	103.365963	2304.82	2298.00	6.82	FBE	37.1	42.1	116687	SB60859		
3/4/2014	4405	116687	37.1	SMT487	0.322		2130+82.3	P.I. < 14°50'31" LT.	213082.3	8 IN	X56	XR	48.321140	103.365968	2298.97	2294.80	4.17	FBE	8.9	42.3	C86573	SB60867		
3/4/2014	F54	C86573	8.9	SMT48	0.322	FACTORY BEND	2130+91.2	P.I. < 17°46'00" LT.	213091.2	8 IN	X56	XR	48.321125	103.365946	2298.90	2294.40	4.50	FBE	6.9	37.1	117743	116687		
3/4/2014	4404A	117743	6.9	SMT489	0.322		2130+98.1		213098.1	8 IN	X56	XR	48.321125	103.365918	2298.98	2294.70	4.28	FBE	42.0	8.9	SB60871	C86573		
3/4/2014	4576	SB60871	42.0	SM4034	0.322		2131+40.1		213140.1	8 IN	X56	XR	48.321124	103.365745	2301.50	2296.60	4.90	FBE	42.2	6.9	SB60871	117743		
3/4/2014	4577	SB60871	42.2	SM4035	0.322		2131+82.3		213182.3	8 IN	X56	XR	48.321124	103.365573	2304.30	2299.40	4.90	FBE	42.1	42.0	SB60871	SB60871		
3/4/2014	4578	SB60871	42.1	SM4036	0.322		2132+24.4		213224.4	8 IN	X56	XR	48.321124	103.365400	2308.00	2303.10	4.90	FBE	42.0	42.2	SB60859	SB60871		
3/4/2014	4579	SB60859	42.0	SM4037	0.322		2132+66.3		213266.3	8 IN	X56	XR	48.321124	103.365228	2312.10	2306.90	5.20	FBE	42.3	42.1	SB60859	SB60871		
3/4/2014	4580	SB60859	42.3	SM4038	0.322		2133+08.6		213308.6	8 IN	X56	XR	48.321123	103.365055	2315.30	2309.70	5.60	FBE	42.1	42.0	SB60859	SB60859		
3/4/2014	4581	SB60859	42.1	SM4039	0.322		2133+50.7		213350.7	8 IN	X56	XR	48.321122	103.364882	2315.30	2310.00	5.30	FBE	42.1	42.3	SP56737	SB60859		
3/4/2014	4582	SP56737	42.1	SM4040	0.322		2133+92.8		213392.8	8 IN	X56	XR	48.321121	103.364709	2314.30	2308.80	5.50	FBE	42.1	42.1	SB60871	SB60859		
3/4/2014	4583	SB60871	42.1	SM4041	0.322		2134+34.9		213434.9	8 IN	X56	XR	48.321120	103.364536	2313.20	2307.80	5.40	FBE	42.1	42.1	SB60871	SP56737		
3/4/2014	4584	SB60871	42.1	SM4042	0.322		2134+77.0		213477.0	8 IN	X56	XR	48.321120	103.364363	2312.70	2306.70	6.00	FBE	42.2	42.1	SB60871	SB60871		
3/4/2014	4585	SB60871	42.2	SM4043	0.322		2135+19.2		213519.2	8 IN	X56	XR	48.321119	103.364190	2310.80	2305.50	5.30	FBE	42.0	42.1	SP56739	SB60871		
3/4/2014	4586	SP56739	42.0	SM4044	0.322		2135+61.1		213561.1	8 IN	X56	XR	48.321118	103.364017	2310.30	2304.70	5.60	FBE	42.1	42.2	SP56742	SB60871		
3/4/2014	4587	SP56742	42.1	SM4045	0.322		2136+03.3		213603.3	8 IN	X56	XR	48.321117	103.363844	2310.00	2304.80	5.20	FBE	42.1	42.0	SB60871	SP56739		
3/4/2014	4588	SB60871	42.1	SM4046	0.322		2136+45.3		213645.3	8 IN	X56	XR	48.321116	103.363671	2310.60	2305.20	5.40	FBE	42.1	42.1	SB60859	SP56742		
3/4/2014	4589	SB60859	42.1	SM4047	0.322		2136+87.4		213687.4	8 IN	X56	XR	48.321115	103.363499	2311.10	2305.50	5.60	FBE	42.1	42.1	SB60863	SB60871		
3/4/2014	4590	SB60863	42.1	SM4048	0.322		2137+29.5		213729.5	8 IN	X56	XR	48.321115	103.363325	2311.70	2305.90	5.80	FBE	42.1	42.1	SB60863	SB60859		
3/4/2014	4591	SB60863	42.1	SM4049	0.322		2137+71.6		213771.6	8 IN	X56	XR	48.321117	103.363152	2312.70	2306.80	5.90	FBE	42.1	42.1	SB60863	SB60863		
3/4/2014	4592	SB60863	42.1	SM4050	0.322		2138+13.7		213813.7	8 IN	X56	XR	48.321118	103.362979	2313.30	2307.80	5.50	FBE	42.1	42.1	SB60867	SB60863		
3/4/2014	4593	SB60867	42.1	SM4051	0.322		2138+55.8		213855.8	8 IN	X56	XR	48.321116	103.362807	2312.40	2307.60	4.80	FBE	42.2	42.1	SB60863	SB60863		
3/4/2014	4594	SB60863	42.2	SM4052	0.322		2138+98.0		213898.0	8 IN	X56	XR	48.321114	103.362634	2310.00	2304.80	5.20	FBE	42.0	42.1	SB60863	SB60867		
3/4/2014	4595	SB60863	42.0	SM4053	0.322		2139+40.0		213940.0	8 IN	X56	XR	48.321112	103.362461	2307.40	2302.10	5.30	FBE	42.1	42.2	SB60863	SB60863		
3/4/2014	4596	SB60863	42.1	SM4054	0.322		2139+82.1		213982.1	8 IN	X56	XR	48.321112	103.362288	2308.20	2301.40	6.80	FBE	42.1	42.0	SB60875	SB60863		
3/4/2014	4597	SB60875	42.1	SM4055	0.322		2140+24.2		214024.2	8 IN	X56	XR	48.321111	103.362115	2307.70	2301.40	6.30	FBE	42.0	42.1	SB60859	SB60863		
3/4/2014	4598	SB60859	42.0	SM4056	0.322		2140+66.3		214066.3	8 IN	X56	XR	48.321111	103.361942	2307.70	2301.60	6.10	FBE	42.0	42.1	SB60875	SB60875		
3/4/2014	4600	SB60875	42.0	SM4057	0.322		2141+08.3		214108.3	8 IN	X56	XR	48.321111	103.361770	2307.80	2302.10	5.70	FBE	42.2	42.0	SB60859	SB60875		
3/4/2014	4601	SB60859	42.2	SM4058	0.322		2141+50.4		214150.4	8 IN	X56	XR	48.321111	103.361596	2308.70	2303.20	5.50	FBE	42.1	42.0	SB60875	SB60875		
3/4/2014	4602	SB60875	42.1	SM4059	0.322		2141+92.5		214192.5	8 IN	X56	XR	48.321109	103.361424	2310.40	2304.00	6.40	FBE	42.1	42.2	SB60863	SB60859		
3/4/2014	4603	SB60863	42.1	SM4060	0.322		2142+34.6		214234.6	8 IN	X56	XR	48.321108	103.361250	2311.10	2304.10	7.00	FBE	42.1	42.1	SB60875	SB60863		
3/4/2014	4604	SB60875	42.1	SM4061	0.322		2142+76.7		214276.7	8 IN	X56	XR	48.321108	103.361077	2308.20	2303.20	5.00	FBE	42.1	42.1	SB60875	SB60863		
3/4/2014	4605	SB60875	42.1	SM4062	0.322		2143+18.8		214318.8	8 IN	X56	XR	48.321109	103.360904	2307.70	2302.50	5.20	FBE	42.1	42.1	SB60875	SB60875		
3/4/2014	4606	SB60875	42.1	SM4063	0.322		2143+60.9		214360.9	8 IN	X56	XR	48.321109	103.360732	2307.70	2302.30	5.40	FBE	42.1	42.1	SB60867	SB60875		
3/4/2014	4607	SB60867	42.1	SM4064	0.322		2144+03.0		214403.0	8 IN	X56	XR	48.321108	103.360558	2307.80	2302.60	5.20	FBE	42.1	42.1	SB60875	SB60875		
3/4/2014	4608	SB60875	42.1	SM4065	0.322		2144+45.1		214445.1	8 IN	X56	XR	48.321106	103.360386	2308.70	2303.00	5.70	FBE	42.0	42.1	SB60875	SB60867		
3/4/2014	4609	SB60875	42.0	SM4066	0.322		2144+87.1		214487.1	8 IN	X56	XR	48.321104	103.360213	2310.40	2303.80	6.60	FBE	42.1	42.1	SB60863	SB60875		
3/4/2014	4610	SB60863	42.1	SM4067	0.322		2145+29.2		214529.2	8 IN	X56	XR	48.321102	103.360040	2311.10	2305.90	5.20	FBE	42.1	42.0	SB60863	SB60875		
3/4/2014	4611	SB60863	42.1	SM4068	0.322		2145+71.3		214571.3	8 IN	X56	XR	48.321101	103.359868	2314.70	2309.10	5.60	FBE	42.1	42.1	SB60863	SB60863		
3/4/2014	4612	SB60863	42.1	SM4069	0.322		2146+13.4		214613.4	8 IN	X56	XR	48.321100	103.359695	2318.00	2312.20	5.80	FBE	42.2	42.1	SB60867	SB60863		
3/4/2014	4613	SB60867	42.2	SM4070	0.322		2146+55.5		214655.5	8 IN	X56	XR	48.321099	103.359522	2318.90	2313.60	5.30	FBE	42.1	42.1	SB60867	SB60863		
3/4/2014	4614	SB60867	42.1	SM4071	0.322		2146+97.6		214697.6	8 IN	X56	XR	48.321099	103.359349	2318.90	2313.60	5.30	FBE	42.2	42.2	SB60871	SB60867		
3/4/2014	4615	SB60871	42.2	SM4072	0.322		2147+39.8		214739.8	8 IN	X56	XR	48.321098	103.359176	2319.20	2313.80	5.40	FBE	42.0	42.1	SB60871	SB60867		
3/4/2014	4616	SB60871	42.0	SM4073	0.322		2147+81.8		214781.8	8 IN	X56	XR	48.321098	103.359003	2319.00	2313.70	5.30	FBE	42.1	42.2	SB60867	SB60871		
3/4/2014	4617	SB60867	42.1	SM4074	0.322		2148+23.9		214823.9	8 IN	X56	XR	48.321099	103.358830	2318.90	2313.70	5.20	FBE	42.2	42.0	SB60867	SB60871		
3/4/2014	4618	SB60867	42.2	SM4075	0.322		2148+66.1		214866.1	8 IN	X56	XR	48.321099	103.358657	2318.20	2312.80	5.40	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4619	SB60867	42.1	SM4076	0.322		2149+08.1		214908.1	8 IN	X56	XR	48.321098	103.358484	2315.70	2310.70	5.00	FBE	42.0	42.2	SB60863	SB60867		
3/4/2014	4620	SB60863	42.0	SM4077	0.322		2149+50.2		214950.2	8 IN	X56	XR	48.321097	103.358311	2314.10	2308.40	5.70	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4621	SB60867	42.1	SM4078	0.322		2149+92.3		214992.3	8 IN	X56	XR	48.321098	103.358139	2313.00	2308.00	5.00	FBE	42.1	42.0	SB60867	SB60863		
3/4/2014	4622	SB60867	42.1	SM4079	0.322		2150+34.4		215034.4	8 IN	X56	XR	48.321099	103.357966	2313.70	2308.70	5.00	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4623	SB60867	42.1	SM4080	0.322		2150+76.5		215076.5	8 IN	X56	XR	48.321098	103.357792	2316.10	2309.50	6.60	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4624	SB60867	42.1	SM4081	0.322		2151+18.6		215118.6	8 IN	X56	XR	48.321096	103.357619	2315.80	2309.60	6.20	FBE	42.1	42.1	SB60875	SB60867		
3/4/2014	4625	SB60875	42.1	SM4082	0.322		2151+60.7		215160.7	8 IN	X56	XR	48.321094	103.357446	2315.50	2309.50	6.00	FBE	42.1	42.1	SB60859	SB60867		
3/4/2014	4626	SB60859	42.1	SM4083	0.322		2152+02.8		215202.8	8 IN	X56	XR	48.321092	103.357273	2315.40	2309.60	5.80	FBE	42.1	42.1	SB60859	SB60875		
3/4/2014	4627	SB60859	42.1	SM4084	0.322		2152+44.9		215244.9	8 IN	X56	XR	48.321092	103.357100	2316.40	2310.10	6.30	FBE	42.0	42.1	SB60875	SB60859		
3/4/2014	4628	SB60875	42.0	SM4085	0.322		2152+86.9		215286.9	8 IN	X56	XR	48.321093	103.356928	2317.30	2311.40	5.90	FBE	41.9	42.1	SB60875	SB60859		
3/4/2014	4629	SB60875	41.9	SM4086	0.322		2153+28.9		215328.9	8 IN	X56	XR	48.321093	103.356755	2318.30	2311.90	6.40	FBE	40.4	42.0	SB60875	SB60875		
3/4/2014	4630	SB60875	40.4	SMT490	0.322		2153+69.3	P.I. < 5°21'37" RT.	215369.3	8 IN	X56	XR	48.321093	103.356589	2319.00	2312.20	6.80	FBE	6.8	41.9	C30177	SB60875		
3/4/2014	F55	C30177	6.8	SMT491	0.322	FACTORY BEND	2153+76.1	P.I. < 5°33'58" RT.	215376.1	8 IN	X56	XR	48.321086	103.356565	2319.00	2312.20	6.80	FBE	40.1	40.4	SB60867	SB60875		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 243	SHEET No. 143 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4631	SB60867	40.1	SM4087	0.322		2154+16.1		215416.1	8 IN	X56	XR	48.321005	103.356454	2315.80	2311.00	4.80	FBE	42.1	6.8	SB60875	C30177		
3/4/2014	4599	SB60875	42.1	SM4088	0.322		2154+58.3		215458.3	8 IN	X56	XR	48.320921	103.356336	2315.50	2309.90	5.60	FBE	42.1	40.1	SB60859	SB60867		
3/4/2014	4632	SB60859	42.1	SM4089	0.322		2155+00.4		215500.4	8 IN	X56	XR	48.320837	103.356216	2315.40	2309.90	5.50	FBE	42.1	42.1	SB60863	SB60875		
3/4/2014	4633	SB60863	42.1	SM4090	0.322		2155+42.4		215542.4	8 IN	X56	XR	48.320755	103.356095	2316.40	2310.90	5.50	FBE	42.1	42.1	SB60875	SB60859		
3/4/2014	4634	SB60875	42.1	SM4091	0.322		2155+84.5		215584.5	8 IN	X56	XR	48.320673	103.355974	2317.30	2311.80	5.50	FBE	42.1	42.1	SB60875	SB60863		
3/4/2014	4635	SB60875	42.1	SM4092	0.322		2156+26.6		215626.6	8 IN	X56	XR	48.320590	103.355853	2318.30	2312.80	5.50	FBE	42.1	42.1	SB60875	SB60875		
3/4/2014	4636	SB60875	42.1	SM4093	0.322		2156+68.7		215668.7	8 IN	X56	XR	48.320508	103.355732	2319.00	2313.50	5.50	FBE	42.0	42.1	SB60875	SB60875		
3/4/2014	4637	SB60875	42.0	SM4120	0.322		2157+10.7		215710.7	8 IN	X56	XR	48.320426	103.355610	2319.10	2313.60	5.50	FBE	42.0	42.1	SB60863	SB60875		
3/4/2014	4638	SB60863	42.0	SM4094	0.322		2157+52.8		215752.8	8 IN	X56	XR	48.320344	103.355489	2320.10	2314.50	5.60	FBE	42.0	42.0	SB60863	SB60875		
3/4/2014	4639	SB60863	42.0	SM4095	0.322		2157+94.8		215794.8	8 IN	X56	XR	48.320261	103.355369	2320.70	2315.20	5.50	FBE	42.1	42.0	SB60863	SB60863		
3/4/2014	4640	SB60863	42.1	SM4096	0.322		2158+36.8		215836.8	8 IN	X56	XR	48.320179	103.355248	2321.60	2316.00	5.60	FBE	42.2	42.0	SB60867	SB60863		
3/4/2014	4641	SB60867	42.2	SM4097	0.322		2158+79.0		215879.0	8 IN	X56	XR	48.320096	103.355128	2323.00	2317.30	5.70	FBE	42.1	42.1	SB60875	SB60863		
3/4/2014	4642	SB60875	42.1	SM4098	0.322		2159+21.0		215921.0	8 IN	X56	XR	48.320014	103.355007	2325.30	2319.90	5.40	FBE	37.4	42.2	SB60875	SB60867		
3/4/2014	4643	SB60875	37.4	SMT492	0.322		2159+58.5		215958.5	8 IN	X56	XR	48.319940	103.354900	2328.54	2323.60	4.94	FBE	6.9	42.1	118247	SB60875		
3/4/2014	3938A	118247	6.9	SMT493	0.322		2159+65.4	P.I. < 7°59'35" RT.	215965.4	8 IN	X56	XR	48.319927	103.354881	2328.54	2324.20	4.34	FBE	6.5	37.4	C30177	SB60875		
3/4/2014	F56	C30177	6.5	SMT494	0.322		2159+71.8	P.I. < 2°51'02" RT.	215971.8	8 IN	X56	XR	48.319911	103.354872	2329.06	2324.80	4.26	FBE	42.4	6.9	SB60875	118247		
3/4/2014	4644	SB60875	42.4	SM4099	0.322		2160+14.2		216014.2	8 IN	X56	XR	48.319795	103.354877	2332.50	2328.10	4.40	FBE	41.8	6.5	SB60875	C30177		
3/4/2014	4645	SB60875	41.8	SM4100	0.322		2160+56.0		216056.0	8 IN	X56	XR	48.319681	103.354883	2336.70	2331.60	5.10	FBE	42.2	42.4	SB60863	SB60875		
3/4/2014	4646	SB60863	42.2	SM4101	0.322		2160+98.2		216098.2	8 IN	X56	XR	48.319566	103.354887	2340.90	2335.40	5.50	FBE	42.1	41.8	SB60867	SB60875		
3/4/2014	4647	SB60867	42.1	SM4102	0.322		2161+40.2		216140.2	8 IN	X56	XR	48.319451	103.354890	2343.40	2338.00	5.40	FBE	42.1	42.2	SB60867	SB60863		
3/4/2014	4648	SB60867	42.1	SM4103	0.322		2161+82.4		216182.4	8 IN	X56	XR	48.319336	103.354892	2343.80	2338.20	5.60	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4649	SB60867	42.1	SM4104	0.322		2162+24.4		216224.4	8 IN	X56	XR	48.319220	103.354894	2342.00	2336.70	5.30	FBE	42.2	42.1	SB60875	SB60867		
3/4/2014	4650	SB60875	42.2	SM4105	0.322		2162+66.6		216266.6	8 IN	X56	XR	48.319105	103.354894	2343.40	2337.50	5.90	FBE	42.1	42.1	SB60875	SB60867		
3/4/2014	4651	SB60875	42.1	SM4106	0.322		2163+08.7		216308.7	8 IN	X56	XR	48.318989	103.354895	2345.30	2339.70	5.60	FBE	42.1	42.2	SB60867	SB60875		
3/4/2014	4652	SB60867	42.1	SM4107	0.322		2163+50.8		216350.8	8 IN	X56	XR	48.318874	103.354895	2346.90	2341.50	5.40	FBE	42.0	42.1	SB60875	SB60875		
3/4/2014	4653	SB60875	42.0	SM4108	0.322		2163+92.9		216392.9	8 IN	X56	XR	48.318759	103.354894	2348.70	2343.30	5.40	FBE	42.1	42.1	SB60875	SB60867		
3/4/2014	4654	SB60875	42.1	SM4109	0.322		2164+35.0		216435.0	8 IN	X56	XR	48.318644	103.354894	2350.60	2345.20	5.40	FBE	42.1	42.0	SB60871	SB60875		
3/4/2014	4655	SB60871	42.1	SM4110	0.322		2164+77.1		216477.1	8 IN	X56	XR	48.318529	103.354894	2353.00	2347.60	5.40	FBE	42.2	42.1	SB60859	SB60875		
3/4/2014	4656	SB60859	42.2	SM4111	0.322		2165+19.2		216519.2	8 IN	X56	XR	48.318413	103.354895	2354.50	2349.50	5.00	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4657	SB60871	42.1	SM4112	0.322		2165+61.3		216561.3	8 IN	X56	XR	48.318298	103.354895	2356.10	2350.90	5.20	FBE	42.1	42.2	SB60871	SB60859		
3/4/2014	4658	SB60871	42.1	SM4113	0.322		2166+03.4		216603.4	8 IN	X56	XR	48.318183	103.354896	2358.70	2353.10	5.60	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4659	SB60871	42.1	SM4114	0.322		2166+45.5		216645.5	8 IN	X56	XR	48.318067	103.354896	2360.00	2355.00	5.00	FBE	42.1	42.1	SB60863	SB60871		
3/4/2014	4660	SB60863	42.1	SM4115	0.322		2166+87.6		216687.6	8 IN	X56	XR	48.317952	103.354895	2361.30	2356.00	5.30	FBE	42.1	42.1	SB60863	SB60871		
3/4/2014	4661	SB60863	42.1	SM4116	0.322		2167+29.7		216729.7	8 IN	X56	XR	48.317837	103.354895	2361.60	2356.40	5.20	FBE	42.1	42.1	SB60871	SB60863		
3/4/2014	4662	SB60871	42.1	SM4117	0.322		2167+71.8		216771.8	8 IN	X56	XR	48.317721	103.354896	2361.80	2356.60	5.20	FBE	42.0	42.1	SB60871	SB60863		
3/4/2014	4663	SB60871	42.0	SM4121	0.322		2168+13.9		216813.9	8 IN	X56	XR	48.317606	103.354896	2361.80	2356.40	5.40	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4664	SB60871	42.1	SM4122	0.322		2168+56.0		216856.0	8 IN	X56	XR	48.317490	103.354896	2361.20	2355.80	5.40	FBE	42.1	42.0	SB60867	SB60871		
3/4/2014	4665	SB60867	42.1	SM4123	0.322		2168+98.1		216898.1	8 IN	X56	XR	48.317375	103.354894	2360.80	2355.50	5.30	FBE	42.2	42.1	SB60867	SB60871		
3/4/2014	4666	SB60867	42.2	SM4124	0.322		2169+40.3		216940.3	8 IN	X56	XR	48.317259	103.354893	2360.00	2355.30	4.70	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4667	SB60867	42.1	SM4125	0.322		2169+82.4		216982.4	8 IN	X56	XR	48.317144	103.354895	2359.30	2354.60	4.70	FBE	42.0	42.2	SB60867	SB60867		
3/4/2014	4668	SB60867	42.0	SM4126	0.322		2170+24.4		217024.4	8 IN	X56	XR	48.317029	103.354896	2358.20	2353.50	4.70	FBE	42.1	42.1	SB60871	SB60867		
3/4/2014	4669	SB60871	42.1	SM4127	0.322		2170+66.5		217066.5	8 IN	X56	XR	48.316913	103.354898	2357.10	2352.40	4.70	FBE	42.1	42.0	SB60871	SB60867		
3/4/2014	4670	SB60871	42.1	SM4128	0.322		2171+08.6		217108.6	8 IN	X56	XR	48.316798	103.354900	2356.20	2351.40	4.80	FBE	42.1	42.1	SB60859	SB60871		
3/4/2014	4671	SB60859	42.1	SM4129	0.322		2171+50.7		217150.7	8 IN	X56	XR	48.316683	103.354899	2355.50	2350.70	4.80	FBE	42.1	42.1	SB60867	SB60871		
3/4/2014	4672	SB60867	42.1	SM4130	0.322		2171+92.8		217192.8	8 IN	X56	XR	48.316567	103.354899	2355.40	2350.70	4.70	FBE	42.1	42.1	SB60875	SB60859		
3/4/2014	4673	SB60875	42.1	SM4131	0.322		2172+34.9		217234.9	8 IN	X56	XR	48.316452	103.354899	2355.20	2350.50	4.70	FBE	42.1	42.1	SB60875	SB60867		
3/4/2014	4674	SB60875	42.1	SM4132	0.322		2172+77.0		217277.0	8 IN	X56	XR	48.316336	103.354901	2354.50	2350.00	4.50	FBE	42.2	42.1	SB60871	SB60875		
3/4/2014	4675	SB60871	42.2	SM4133	0.322		2173+19.2		217319.2	8 IN	X56	XR	48.316221	103.354901	2353.30	2348.70	4.60	FBE	42.0	42.1	SB60871	SB60875		
3/4/2014	4676	SB60871	42.0	SM4134	0.322		2173+61.2		217361.2	8 IN	X56	XR	48.316106	103.354902	2351.40	2346.80	4.60	FBE	42.1	42.2	SB60859	SB60871		
3/4/2014	4677	SB60859	42.1	SM4135	0.322		2174+03.3		217403.3	8 IN	X56	XR	48.315991	103.354903	2348.80	2344.10	4.70	FBE	42.1	42.0	SB60867	SB60871		
3/4/2014	4678	SB60867	42.1	SM4136	0.322		2174+45.5		217445.5	8 IN	X56	XR	48.315875	103.354904	2345.80	2341.00	4.80	FBE	42.0	42.1	SB60867	SB60859		
3/4/2014	4679	SB60867	42.0	SM4137	0.322		2174+87.5		217487.5	8 IN	X56	XR	48.315760	103.354904	2343.20	2338.60	4.60	FBE	42.1	42.1	SB60863	SB60867		
3/4/2014	4680	SB60863	42.1	SM4138	0.322		2175+29.6		217529.6	8 IN	X56	XR	48.315645	103.354903	2340.80	2335.70	5.10	FBE	42.1	42.0	SB60867	SB60867		
3/4/2014	4681	SB60867	42.1	SM4139	0.322		2175+71.7		217571.7	8 IN	X56	XR	48.315530	103.354904	2338.90	2334.30	4.60	FBE	42.1	42.1	SB60871	SB60863		
3/4/2014	4682	SB60871	42.1	SM4140	0.322		2176+13.8		217613.8	8 IN	X56	XR	48.315415	103.354905	2337.10	2332.60	4.50	FBE	42.1	42.1	SB60871	SB60867		
3/4/2014	4683	SB60871	42.1	SM4141	0.322		2176+55.9		217655.9	8 IN	X56	XR	48.315299	103.354905	2335.40	2330.50	4.90	FBE	42.0	42.1	SB60871	SB60871		
3/4/2014	4684	SB60871	42.0	SM4142	0.322		2176+97.9		217697.9	8 IN	X56	XR	48.315184	103.354907	2333.50	2328.60	4.90	FBE	42.1	42.1	SB60867	SB60871		
3/4/2014	4685	SB60867	42.1	SM4143	0.322		2177+40.0		217740.0	8 IN	X56	XR	48.315069	103.354909	2332.70	2328.10	4.60	FBE	42.2	42.0	SB60867	SB60871		
3/4/2014	4686	SB60867	42.2	SM4144	0.322		2177+82.2		217782.2	8 IN	X56	XR	48.314953	103.354911	2332.30	2326.90	5.40	FBE	42.0	42.1	SB60867	SB60867		
3/4/2014	4687	SB60867	42.0	SM4145	0.322		2178+24.2		217824.2	8 IN	X56	XR	48.314838	103.354911	2331.50	2326.00	5.50	FBE	42.1	42.2	SB60867	SB60867		
3/4/2014	4688	SB60867	42.1	SM4146	0.322		2178+66.3		217866.3	8 IN	X56	XR	48.314723	103.354911	2331.00	2326.10	4.90	FBE	42.1	42.0	SB60875	SB60867		
3/4/2014	4689	SB60875	42.1	SM4147	0.322		2179+08.5		217908.5	8 IN	X56	XR	48.314607	103.354910	2330.90	2326.10	4.80	FBE	42.1	42.1	SB60867	SB60867		
3/4/2014	4690	SB60867	42.1	SM4148	0.322		2179+50.6		217950.6	8 IN	X56	XR	48.314492	103.354910	2331.00	2325.80	5.20	FBE	42.0	42.1	SB60867	SB60875		
3/4/2014	4691	SB60867	42.0	SM4149	0.322		2179+92.6		217992.6	8 IN	X56	XR	48.314377	103.354909	2330.40	2325.30	5.10	FBE	42.2	42.1	SB60871	SB60867		
3/4/2014	4692	SB60871	42.2	SMT496	0.322		2180+34.8		218034.8	8 IN	X56	XR	48.314261	103.354908	2329.20	2324.00	5.20	FBE	26.7	42.0	SB60871	SB60867		
3/4/2014	4693	SB60871	26.7	SMT493	0.322		2180+61.6		218061.6	8 IN	X56	XR	48.314188	103.354905	2328.90	2321.80	7.10	FBE	27.6	42.2	SP56734	SB60871		
3/4/2014	4694BR	SP56734	27.6	SMB465		CALCULATED BORE	2180+89.2		218089.2		X56	XR	48.314114	103.354903	2325.20	2315.51	9.69	ARO	42.1	26.7	SP56742	SB60871		NOTE 1

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 244	SHEET No. 144 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4695BR	SP56742	42.1	SMB464		CALCULATED BORE	2181+31.3		218131.3		X56	XR	48.313999	103.354901	2329.32	2311.00	18.32	ARO	42.1	27.6	SP56734	SP56734		NOTE 1
3/4/2014	4696BR	SP56734	42.1	SMB463		CALCULATED BORE	2181+73.4		218173.4		X56	XR	48.313884	103.354899	2329.71	2312.69	17.02	ARO	18.5	42.1		SP56742		NOTE 1
3/4/2014			18.5		0.322	NO JT #, NO HEAT #, NO XR#	2181+91.9	P.I. < 4°49'08" RT.	218191.9	8 IN	X56	XR	48.313834	103.354898	2325.20	2315.40	9.80	FBE	16.2	42.1		SP56734		#REF!
3/4/2014			16.2		0.322	VALVE, NO JT #, NO HEAT #, NO XR#	2182+08.1	P.I. < 6°48'45" LT.	218208.1	8 IN	X56	XR	48.313804	103.354901	2325.20	2327.50	-2.30	ARO	10.0	18.5	SB60875			#REF!
3/4/2014	V1-5	SB60875	10.0		0.322	VALVE, NO XR #	2182+18.1	P.I. < 2°46'00" RT.	218218.1	8 IN	X56	XR	48.313777	103.354899	2325.20	2326.00	-0.80	FBE	1.6	16.2	13104			
3/4/2014	V4-T1	13104	1.6		0.322	VALVE, NO XR #	2182+19.7		218219.7	8 IN	X56	XR	48.313773	103.354899	2325.20	2325.90	-0.70	FBE	3.1	10.0		SB60875		
3/4/2014			3.1			CALCULATED BORE, NO HEAT #, NO XR #	2182+22.8		218222.8		X56	XR	48.313765	103.354899	2325.90	2325.07	0.83	ARO	42.1	1.6	SP56739	13104		
3/4/2014	4698BR	SP56739	42.1	SMB461		CALCULATED BORE	2182+64.9		218264.9		X56	XR	48.313652	103.354901	2325.20	2316.30	8.90	ARO	42.1	3.1	SP56730			NOTE 1
3/4/2014	4699BR	SP56730	42.1	SMB460		CALCULATED BORE	2183+07.0		218307.0		X56	XR	48.313537	103.354904	2326.21	2312.34	13.87	ARO	42.1	42.1	SP56739	SP56739		NOTE 1
3/4/2014	4700BR	SP56739	42.1	SMB459		CALCULATED BORE	2183+49.1		218349.1		X56	XR	48.313422	103.354906	2326.48	2313.25	13.23	ARO	42.0	42.1	SP56730	SP56730		NOTE 1
3/4/2014	4701BR	SP56730	42.0	SMT498	0.322		2183+91.1		218391.1	8 IN	X56	XR	48.313308	103.354908	2325.20	2319.00	6.20	ARO	15.2	42.1	SB60871	SP56739		
3/4/2014	4693	SB60871	15.2	SMT499	0.322		2184+06.3	P.I. < 7°25'06" RT.	218406.3	8 IN	X56	XR	48.313266	103.354908	2325.50	2320.40	5.10	FBE	4.9	42.0	C30177	SP56730		
3/4/2014	F57	C30177	4.9	SMT500	0.322	FACTORY BEND	2184+11.2	P.I. < 2°42'12" RT.	218411.2	8 IN	X56	XR	48.313253	103.354913	2325.50	2320.30	5.20	FBE	6.9	15.2	SB60871	SB60871		
3/4/2014	4575A	SB60871	6.9	SMT501	0.322		2184+18.1	P.I. < 3°32'03" RT.	218418.1	8 IN	X56	XR	48.313236	103.354923	2325.20	2319.80	5.40	FBE	47.7	4.9	C3249	C30177		
3/4/2014	M501	C3249	47.7	SM-1	0.322	NO COATING INFO	2184+65.8		218465.8	8 IN	X56	XR	48.313117	103.355007	2324.90	2318.97	5.93		50.2	6.9	C3269	SB60871		
3/4/2014	M368	C3269	50.2	SM-2	0.322	NO COATING INFO	2185+16.0		218516.0	8 IN	X56	XR	48.312995	103.355099	2323.21	2316.75	6.46		50.4	47.7	C3270	C3249		
3/4/2014	M369	C3270	50.4	SM-3	0.322	NO COATING INFO	2185+66.4		218566.4	8 IN	X56	XR	48.312871	103.355192	2323.00	2316.00	7.00		49.8	50.2	C3221	C3269		
3/4/2014	M445	C3221	49.8	SM-4	0.322	NO COATING INFO	2186+16.2		218616.2	8 IN	X56	XR	48.312749	103.355284	2321.76	2315.90	5.86		50.1	50.4	C3315	C3270		
3/4/2014	M395	C3315	50.1	SM-5	0.322	NO COATING INFO	2186+66.4		218666.4	8 IN	X56	XR	48.312626	103.355376	2321.37	2315.00	6.37		50.4	49.8	C3274	C3221		
3/4/2014	M728	C3274	50.4	SM-6	0.322	NO COATING INFO	2187+16.7		218716.7	8 IN	X56	XR	48.312504	103.355471	2319.70	2314.50	5.20		50.1	50.1	C3246	C3315		
3/4/2014	M482	C3246	50.1	SM-7	0.322	NO COATING INFO	2187+66.8		218766.8	8 IN	X56	XR	48.312381	103.355566	2317.92	2313.50	4.42		50.4	50.4	C3247	C3274		
3/4/2014	M175	C3247	50.4	SM-8	0.322	NO COATING INFO	2188+17.2		218817.2	8 IN	X56	XR	48.312258	103.355658	2316.03	2311.70	4.33		50.2	50.1	C3224	C3246		
3/4/2014	M451	C3224	50.2	SM-9	0.322	NO COATING INFO	2188+67.4		218867.4	8 IN	X56	XR	48.312135	103.355749	2314.25	2309.00	5.25		50.2	50.4	C3318	C3247		
3/4/2014	M415	C3318	50.2	SM-10	0.322	NO COATING INFO	2189+17.6		218917.6	8 IN	X56	XR	48.312011	103.355839	2311.00	2306.90	4.10		49.6	50.2	C3339	C3224		
3/4/2014	M333	C3339	49.6	SM-11	0.322	NO COATING INFO	2189+67.2		218967.2	8 IN	X56	XR	48.311889	103.355928	2310.69	2305.10	5.59		49.9	50.2	C3326	C3318		
3/4/2014	M372	C3326	49.9	SM-12	0.322	NO COATING INFO	2190+17.1		219017.1	8 IN	X56	XR	48.311767	103.356020	2306.60	2302.50	4.10		49.7	49.6	C3348	C3339		
3/4/2014	M441	C3348	49.7	SM-13	0.322	NO COATING INFO	2190+66.8		219066.8	8 IN	X56	XR	48.311645	103.356112	2306.60	2299.90	6.70		49.8	49.9	C3316	C3326		
3/4/2014	M243	C3316	49.8	SM-14	0.322	NO COATING INFO	2191+16.6		219116.6	8 IN	X56	XR	48.311524	103.356205	2306.60	2299.70	6.90		49.8	49.7	C3331	C3348		
3/4/2014	M393	C3331	49.8	SM-15	0.322	NO COATING INFO	2191+66.4		219166.4	8 IN	X56	XR	48.311402	103.356297	2306.60	2299.90	6.70		49.9	49.8	C3277	C3316		
3/4/2014	M160	C3277	49.9	SM-16	0.322	NO COATING INFO	2192+16.2		219216.2	8 IN	X56	XR	48.311280	103.356390	2306.60	2299.70	6.90		48.5	49.8	C3267	C3331		
3/4/2014	M489	C3267	48.5	SM 17	0.322	NO COATING INFO	2192+64.7		219264.7	8 IN	X56	XR	48.311162	103.356482	2306.60	2300.20	6.40		50.3	49.9	C3329	C3277		
3/4/2014	M066	C3329	50.3	SM 18	0.322	NO COATING INFO	2193+15.0		219315.0	8 IN	X56	XR	48.311039	103.356576	2306.60	2300.50	6.10		49.6	48.5	C3330	C3267		
3/4/2014	M058	C3330	49.6	SM 19	0.322	NO COATING INFO	2193+64.6		219364.6	8 IN	X56	XR	48.310918	103.356669	2308.40	2301.60	6.80		49.2	50.3	C3257	C3329		
3/4/2014	M506	C3257	49.2	SM 20	0.322	NO COATING INFO	2194+13.8		219413.8	8 IN	X56	XR	48.310798	103.356760	2310.23	2303.30	6.93		50.3	49.6	C3263	C3330		
3/4/2014	M512	C3263	50.3	SM 21	0.322	NO COATING INFO	2194+64.1		219464.1	8 IN	X56	XR	48.310675	103.356851	2311.90	2305.20	6.70		40.7	49.2	C3328	C3257		
3/4/2014	M412	C3328	40.7	SM 22	0.322	NO COATING INFO	2195+04.7		219504.7	8 IN	X56	XR	48.310575	103.356925	2311.90	2307.10	4.80		49.4	50.3	C-3324	C3263		
3/4/2014	M464	C-3324	49.4	SMT-5	0.322	NO COATING INFO	2195+54.1	P.I. < 6°01'44" LT.	219554.1	8 IN	X56	XR	48.310453	103.357013	2311.90	2307.20	4.70		4.9	40.7	C-3324	C3328		
3/4/2014	M440	C-3324	4.9	SMT-5	0.322	NO COATING INFO	2195+59.0	P.I. < 6°16'59" RT.	219559.0	8 IN	X56	XR	48.310440	103.357020	2311.90	2307.10	4.80		50.1	49.4	C-3346	C-3324		
3/4/2014	M399	C-3346	50.1	SM-23	0.322	NO COATING INFO	2196+09.2		219609.2	8 IN	X56	XR	48.310317	103.357110	2311.90	2305.10	6.80		50.3	4.9	C-3324	C-3324		
3/4/2014	M464	C-3324	50.3	SM-24	0.322	NO COATING INFO	2196+59.4	P.I. < 3°35'14" LT.	219659.4	8 IN	X56	XR	48.310193	103.357201	2311.90	2305.07	6.83		5.1	50.1	C-3324	C-3346		
3/4/2014	M464	C-3324	5.1	SMT-4	0.322	NO COATING INFO	2196+64.5		219664.5	8 IN	X56	XR	48.310180	103.357209	2310.34	2303.48	6.86		4.7	50.3		C-3324		
3/4/2014	86575		4.7	SMT-3	0.322	FACTORY BEND, NO HEAT#, NO COATING	2196+69.2	P.I. < 3°42'01" RT.	219669.2	8 IN	X56	XR	48.310169	103.357217	2310.34	2303.46	6.88		4.6	5.1	C3324	C-3324		
3/4/2014	M464	C3324	4.6	SMT-2	0.322	NO COATING INFO	2196+73.8	P.I. < 3°49'00" RT.	219673.8	8 IN	X56	XR	48.310157	103.357221	2310.34	2303.43	6.91		35.1	4.7	C3264			
3/4/2014	M487	C3264	35.1	SMT-1	0.322	NO COATING INFO	2197+08.9		219708.9	8 IN	X56	XR	48.310061	103.357228	2309.84	2302.90	6.94		49.7	4.6	C3350	C3324		
3/4/2014	M278	C3350	49.7	SM-25	0.322	NO COATING INFO	2197+58.6		219758.6	8 IN	X56	XR	48.309925	103.357233	2309.34	2303.60	5.74		50.3	35.1	C3340	C3264		
3/4/2014	M330	C3340	50.3	SM-26	0.322	NO COATING INFO	2198+08.9		219808.9	8 IN	X56	XR	48.309787	103.357233	2308.82	2303.40	5.42		49.7	49.7	C3349	C3350		
3/4/2014	M402	C3349	49.7	SM-27	0.322	NO COATING INFO	2198+58.6		219858.6	8 IN	X56	XR	48.309651	103.357235	2303.70	2298.60	5.10		50.2	50.3	C3345	C3340		
3/4/2014	M353	C3345	50.2	SM-28	0.322	NO COATING INFO	2199+08.8		219908.8	8 IN	X56	XR	48.309514	103.357237	2305.10	2299.80	5.30		49.7	49.7	C3325	C3349		
3/4/2014	M244	C3325	49.7	SM-29	0.322	NO COATING INFO	2199+58.5		219958.5	8 IN	X56	XR	48.309378	103.357240	2307.30	2303.00	4.30		49.7	50.2	C3322	C3345		
3/4/2014	M187	C3322	49.7	SM-30	0.322	NO COATING INFO	2200+08.3		220008.3	8 IN	X56	XR	48.309242	103.357243	2309.90	2305.50	4.40		50.2	49.7	C3278	C3325		
3/4/2014	M127	C3278	50.2	SM-31	0.322	NO COATING INFO	2200+58.5		220058.5	8 IN	X56	XR	48.309104	103.357247	2312.40	2307.40	5.00		45.4	49.7	C3276	C3322		
3/4/2014	M444	C3276	45.4	SM-32	0.322	NO COATING INFO	2201+03.9		220103.9	8 IN	X56	XR	48.308980	103.357250	2314.13	2308.70	5.43		50.2	50.2	C3268	C3278		
3/4/2014	M389	C3268	50.2	SM-33	0.322	NO COATING INFO	2201+54.1		220154.1	8 IN	X56	XR	48.308842	103.357254	2314.13	2309.30	4.83		50.5	45.4	C3252	C3276		
3/4/2014	M473	C3252	50.5	SM-34	0.322	NO COATING INFO	2202+04.6		220204.6	8 IN	X56	XR	48.308704	103.357256	2312.50	2308.20	4.30		50.2	50.2	C3254	C3268		
3/4/2014	M457	C3254	50.2	SM-35	0.322	NO COATING INFO	2202+54.8		220254.8	8 IN	X56	XR	48.308566	103.357258	2309.40	2305.10	4.30		50.1	50.5	C3265	C3252		
3/4/2014	M422	C3265	50.1	SM-36	0.322	NO COATING INFO	2203+04.9		220304.9	8 IN	X56	XR	48.308429	103.357259	2306.20	2302.00	4.20		50.2	50.2	C3251	C3254		
3/4/2014	M471	C3251	50.2	SM-37	0.322	NO COATING INFO	2203+55.1		220355.1	8 IN	X56	XR	48.308292	103.357258	2302.60	2298.40	4.20		49.8	50.1	C3354	C3265		
3/4/2014	M250	C3354	49.8	SM-38	0.322	NO COATING INFO	2204+04.9	P.I. < 2°33'50" LT.	220404.9	8 IN	X56	XR	48.308157	103.357261	2297.10	2293.00	4.10		50.3	50.2	C3438	C3251		
3/4/2014	M021	C3438	50.3	SM-39	0.322	NO COATING INFO	2204+55.2		220455.2	8 IN	X56	XR	48.308019	103.357265	2292.67	2288.40	4.27		33.9	49.8	C3452	C3354		
3/4/2014	M031	C3452	33.9	SM-40	0.322	NO COATING INFO	2204+89.1		220489.1	8 IN	X56	XR	48.307926	103.357268	2292.68	2285.80	6.88		50.2	50.3	C3467	C3438		
3/4/2014	M177	C3467	50.2	SM-41	0.322	NO COATING INFO	2205+39.3		220539.3	8 IN	X56	XR	48.307789	103.357274	2287.02	2282.80	4.22		49.4	33.9	C3460	C3452		
3/4/2014	M090	C3460	49.4	SM-42	0.322	NO COATING INFO	2205+88.7		220588.7	8 IN	X56	XR	48.307654	103.357280	2282.75	2278.50	4.25		49.8	50.2	C3524	C3467		
3/4/2014	M368	C3524	49.8	SM-43	0.322	NO COATING INFO	2206+38.5		220638.5	8 IN	X56	XR	48.307519	103.357283	2278.76	2274.44	4.33		46.7	49.4	C3489	C3460		
3/4/2014	M051	C3489	46.7	SM-44	0.322	NO COATING INFO	2206+85.2	P.I. < 2°05'58" RT.	220685.2	8 IN	X56	XR	48.307392	103.357280	2272.30	2267.90	4.40		49.4	49.8	C3499	C3524		
3/4/2014	M276	C3499	49.4	SM-45	0.322	NO COATING INFO	2207+34.6	P.I. < 2°58'09" RT.	220734.6	8 IN	X56	XR	48.307257	103.357297	2272.30	2268.30	4.00		50.5	46.7	C3464	C3489		
3/4/2014	M319	C3464	50.5	SM-46	0.322	NO COATING INFO	2207+85.1		220785.1	8 IN	X56	XR	48.307127	103.357367	2276.33	2270.10	6.23		31.2	49.4	C3424	C3499		
3/4/2014	M151	C3424	31.2	SM-47	0.322	NO COATING INFO	2208+16.3		220816.3	8 IN	X56	XR	48.307049	103.357417	2278.03	2271.30	6.73		28.4	50.5	C3446	C3464		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS Petroleum Field Services, LLC, 7535 Hilltop Circle, Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 245	SHEET No. 145 OF 149

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	M335	C3446	28.4	SM-48	0.322	NO COATING INFO	2208+44.7		220844.7	8 IN	X56	XR	48.306976	103.357461	2279.23	2273.00	6.23		39.6	31.2	C3432	C3424		
3/4/2014	M300	C3432	39.6	SM-49	0.322	NO COATING INFO	2208+84.4		220884.4	8 IN	X56	XR	48.306875	103.357519	2281.69	2276.00	5.69		49.6	28.4	C3482	C3446		
3/4/2014	M340	C3482	49.6	SM-50	0.322	NO COATING INFO	2209+34.0		220934.0	8 IN	X56	XR	48.306748	103.357590	2285.50	2279.10	6.40		50.3	39.6	C3483	C3432		
3/4/2014	M107	C3483	50.3	SM-51	0.322	NO COATING INFO	2209+84.3		220984.3	8 IN	X56	XR	48.306619	103.357662	2285.50	2281.50	4.00		50.2	49.6	C3484	C3482		
3/4/2014	M236	C3484	50.2	SM-52	0.322	NO COATING INFO	2210+34.5		221034.5	8 IN	X56	XR	48.306490	103.357735	2290.06	2284.00	6.06		50.4	50.3	C3485	C3483		
3/4/2014	M346	C3485	50.4	SM-53	0.322	NO COATING INFO	2210+84.9		221084.9	8 IN	X56	XR	48.306361	103.357808	2292.94	2286.80	6.14		49.7	50.2	C3488	C3484		
3/4/2014	M044	C3488	49.7	SM-54	0.322	NO COATING INFO	2211+34.6		221134.6	8 IN	X56	XR	48.306234	103.357879	2297.59	2290.60	6.99		50.0	50.4	C3519	C3485		
3/4/2014	M152	C3519	50.0	SM-55	0.322	NO COATING INFO	2211+84.6	P.I. < 2°08'53" LT.	221184.6	8 IN	X56	XR	48.306107	103.357954	2298.80	2294.00	4.80		50.7	49.7	C3478	C3488		
3/4/2014	M355	C3478	50.7	SM-56	0.322	NO COATING INFO	2212+35.4		221235.4	8 IN	X56	XR	48.305977	103.358028	2297.90	2293.40	4.50		50.2	50.0	C3425	C3519		
3/4/2014	M636	C3425	50.2	SM-57	0.322	NO COATING INFO	2212+85.5	P.I. < 2°50'52" LT.	221285.5	8 IN	X56	XR	48.305850	103.358106	2293.82	2289.60	4.22		49.9	50.7	C3486	C3478		
3/4/2014	M312	C3486	49.9	SM-58	0.322	NO COATING INFO	2213+35.5	P.I. < 4°16'07" LT.	221335.5	8 IN	X56	XR	48.305716	103.358136	2292.10	2286.80	5.30		50.0	50.2	C3487	C3425		
3/4/2014	M055	C3487	50.0	SM-59	0.322	NO COATING INFO	2213+85.5		221385.5	8 IN	X56	XR	48.305579	103.358129	2292.50	2287.30	5.20		49.9	49.9	C3471	C3486		
3/4/2014	M095	C3471	49.9	SM-60	0.322	NO COATING INFO	2214+35.4		221435.4	8 IN	X56	XR	48.305443	103.358124	2298.55	2292.99	5.56		50.4	50.0	C3470	C3487		
3/4/2014	M094	C3470	50.4	SM-61	0.322	NO COATING INFO	2214+85.8		221485.7	8 IN	X56	XR	48.305305	103.358116	2301.01	2295.10	5.91		49.9	49.9	C3430	C3471		
3/4/2014	M159	C3430	49.9	SM-62	0.322	NO COATING INFO	2215+35.7		221535.7	8 IN	X56	XR	48.305169	103.358108	2304.80	2299.20	5.60		50.5	50.4	C3428	C3470		
3/4/2014	M088	C3428	50.5	SM-63	0.322	NO COATING INFO	2215+86.1		221586.1	8 IN	X56	XR	48.305031	103.358102	2304.80	2300.50	4.30		50.1	49.9	C3227	C3430		
3/4/2014	M1759	C3227	50.1	SM-64	0.322	NO COATING INFO	2216+36.2		221636.2	8 IN	X56	XR	48.304894	103.358097	2303.00	2297.30	5.70		50.0	50.5	C3457	C3428		
3/4/2014	M272	C3457	50.0	SM-65	0.322	NO COATING INFO	2216+86.3		221686.3	8 IN	X56	XR	48.304757	103.358092	2302.04	2295.10	6.94		43.9	50.1	C3461	C3227		
3/4/2014	M344	C3461	43.9	SM-66	0.322	NO COATING INFO	2217+30.2		221730.2	8 IN	X56	XR	48.304637	103.358088	2300.81	2294.10	6.71		50.3	50.0	C3463	C3457		
3/4/2014	M356	C3463	50.3	SM-67	0.322	NO COATING INFO	2217+80.5		221780.5	8 IN	X56	XR	48.304499	103.358079	2299.66	2294.00	5.66		50.2	43.9	C3465	C3461		
3/4/2014	M217	C3465	50.2	SM-68	0.322	NO COATING INFO	2218+30.6	P.I. < 2°09'40" LT.	221830.6	8 IN	X56	XR	48.304362	103.358072	2297.90	2292.90	5.00		50.2	50.3	C3459	C3463		
3/4/2014	M376	C3459	50.2	SM-69	0.322	NO COATING INFO	2218+80.8		221880.8	8 IN	X56	XR	48.304225	103.358065	2297.40	2291.70	5.70		49.9	50.2	C3466	C3465		
3/4/2014	M201	C3466	49.9	SM-70	0.322	NO COATING INFO	2219+30.7		221930.7	8 IN	X56	XR	48.304088	103.358057	2289.94	2284.80	5.14		48.9	50.2	C3441	C3459		
3/4/2014	M166	C3441	48.9	SM-71	0.322	NO COATING INFO	2219+79.6		221979.6	8 IN	X56	XR	48.303955	103.358051	2286.00	2282.00	4.00		49.7	49.9	C3498	C3466		
3/4/2014	M282	C3498	49.7	SM-72	0.322	NO COATING INFO	2220+29.3		222029.3	8 IN	X56	XR	48.303819	103.358043	2281.70	2277.70	4.00		50.3	48.9	C3442	C3441		
3/4/2014	M347	C3442	50.3	SM-73	0.322	NO COATING INFO	2220+79.6		222079.6	8 IN	X56	XR	48.303684	103.358011	2279.40	2272.80	6.60		49.6	49.7	C3147	C3498		
3/4/2014	M247	C3147	49.6	SM-74	0.322	NO COATING INFO	2221+29.2		222129.2	8 IN	X56	XR	48.303555	103.357951	2273.90	2269.30	4.60		49.6	50.3	C3468	C3442		
3/4/2014	M379	C3468	49.6	SM-75	0.322	NO COATING INFO	2221+78.8		222178.8	8 IN	X56	XR	48.303425	103.357890	2273.90	2269.70	4.20		49.8	49.6	C1917	C3147		
3/4/2014	M159	C1917	49.8	SM-76	0.322	NO COATING INFO	2222+28.6		222228.6	8 IN	X56	XR	48.303296	103.357827	2280.90	2276.27	4.63		50.4	49.6	C3448	C3468		
3/4/2014	M349	C3448	50.4	SM-77	0.322	NO COATING INFO	2222+79.1		222279.1	8 IN	X56	XR	48.303164	103.357765	2281.16	2276.10	5.06		49.7	49.8	C3451	C1917		
3/4/2014	M316	C3451	49.7	SM-78	0.322	NO COATING INFO	2223+28.8	P.I. < 2°33'26" LT.	222328.8	8 IN	X56	XR	48.303036	103.357701	2277.13	2270.60	6.53		50.1	50.4	C3517	C3448		
3/4/2014	M225	C3517	50.1	SM-79	0.322	NO COATING INFO	2223+78.9		222378.9	8 IN	X56	XR	48.302906	103.357635	2270.79	2264.60	6.19		48.6	49.7	C3518	C3451		
3/4/2014	M152	C3518	48.6	SM-80	0.322	NO COATING INFO	2224+27.5		222427.5	8 IN	X56	XR	48.302781	103.357569	2267.60	2262.20	5.40		49.6	50.1	C3437	C3517		
3/4/2014	M008	C3437	49.6	SM-81	0.322	NO COATING INFO	2224+77.1		222477.1	8 IN	X56	XR	48.302653	103.357501	2267.60	2261.50	6.10		33.3	48.6	C3453	C3518		
3/4/2014	M384	C3453	33.3	SM-82	0.322	NO COATING INFO	2225+10.4		222510.4	8 IN	X56	XR	48.302568	103.357453	2265.30	2260.80	4.50		50.2	49.6	C3491	C3437		
3/4/2014	M083	C3491	50.2	SM-83	0.322	NO COATING INFO	2225+60.6	P.I. < 5°11'29" RT.	222560.6	8 IN	X56	XR	48.302439	103.357381	2265.00	2260.30	4.70		49.6	33.3	C3527	C3453		
3/4/2014	M188	C3527	49.6	SM-84	0.322	NO COATING INFO	2226+10.2	P.I. < 2°51'59" RT.	222610.2	8 IN	X56	XR	48.302304	103.357367	2265.00	2260.10	4.90		50.3	50.2	C3514	C3491		
3/4/2014	M232	C3514	50.3	SM-85	0.322	NO COATING INFO	2226+60.5		222660.5	8 IN	X56	XR	48.302166	103.357374	2265.20	2260.40	4.80		50.1	49.6	C3526	C3527		
3/4/2014	M226	C3526	50.1	SM-86	0.322	NO COATING INFO	2227+10.6		222710.6	8 IN	X56	XR	48.302029	103.357379	2270.17	2265.60	4.57		42.4	50.3	C3520	C3514		
3/4/2014	M2947	C3520	42.4	SM-87	0.322	NO COATING INFO	2227+53.0		222753.0	8 IN	X56	XR	48.301913	103.357381	2272.50	2268.17	4.33		50.3	50.1	C3435	C3526		
3/4/2014	M410	C3435	50.3	SM-88	0.322	NO COATING INFO	2228+03.3		222803.3	8 IN	X56	XR	48.301775	103.357384	2272.50	2268.40	4.10		50.2	42.4	C3434	C3520		
3/4/2014	M034	C3434	50.2	SM-89	0.322	NO COATING INFO	2228+53.5		222853.5	8 IN	X56	XR	48.301638	103.357387	2272.50	2266.50	6.00		49.8	50.3	C3436	C3435		
3/4/2014	M006	C3436	49.8	SM-90	0.322	NO COATING INFO	2229+03.2		222903.2	8 IN	X56	XR	48.301501	103.357392	2272.50	2266.44	6.06		43.9	50.2	C3433	C3434		
3/4/2014	M334	C3433	43.9	SM-91	0.322	NO COATING INFO	2229+47.1		222947.1	8 IN	X56	XR	48.301381	103.357395	2272.50	2266.38	6.12		49.9	49.8	C3481	C3436		
3/4/2014	M339	C3481	49.9	SM-92	0.322	NO COATING INFO	2229+96.9		222996.9	8 IN	X56	XR	48.301244	103.357396	2272.50	2266.32	6.18		50.3	43.9	C3480	C3433		
3/4/2014	M373	C3480	50.3	SM-93	0.322	NO COATING INFO	2230+47.2		223047.2	8 IN	X56	XR	48.301107	103.357395	2272.30	2266.06	6.24		50.3	49.9	C3472	C3481		
3/4/2014	M096	C3472	50.3	SM-94	0.322	NO COATING INFO	2230+97.5		223097.5	8 IN	X56	XR	48.300969	103.357395	2272.30	2266.00	6.30		49.6	50.3	C3420	C3480		
3/4/2014	M047	C3420	49.6	SM-95	0.322	NO COATING INFO	2231+47.1		223147.1	8 IN	X56	XR	48.300833	103.357399	2272.30	2267.10	5.20		49.2	50.3	C3474	C3472		
3/4/2014	M210	C3474	49.2	SM-96	0.322	NO COATING INFO	2231+96.4		223196.4	8 IN	X56	XR	48.300698	103.357403	2275.33	2269.30	6.03		50.3	49.6	C3475	C3420		
3/4/2014	M296	C3475	50.3	SM-97	0.322	NO COATING INFO	2232+46.7		223246.7	8 IN	X56	XR	48.300560	103.357409	2278.18	2272.32	5.87		49.0	49.2	C3476	C3474		
3/4/2014	M332	C3476	49.0	SM-98	0.322	NO COATING INFO	2232+95.7		223295.7	8 IN	X56	XR	48.300426	103.357414	2277.80	2272.10	5.70		50.1	50.3	C3477	C3475		
3/4/2014	M039	C3477	50.1	SM099	0.322	NO COATING INFO	2233+45.8		223345.8	8 IN	X56	XR	48.300289	103.357419	2277.80	2272.12	5.68		50.3	49.0	C3458	C3476		
3/4/2014	M358	C3458	50.3	SM 100	0.322	NO COATING INFO	2233+96.2		223396.2	8 IN	X56	XR	48.300152	103.357424	2271.80	2266.14	5.66		49.7	50.1	C3423	C3477		
3/4/2014	M308	C3423	49.7	SM 101	0.322	NO COATING INFO	2234+45.8		223445.8	8 IN	X56	XR	48.300016	103.357426	2267.63	2261.99	5.64		49.7	50.3	C3528	C3458		
3/4/2014	M285	C3528	49.7	SM-102	0.322	NO COATING INFO	2234+95.5		223495.5	8 IN	X56	XR	48.299881	103.357427	2263.29	2257.67	5.62		49.4	49.7	C3525	C3423		
3/4/2014	M015	C3525	49.4	SM-103	0.322	NO COATING INFO	2235+44.9		223544.9	8 IN	X56	XR	48.299746	103.357424	2257.40	2251.80	5.60		47.2	49.7	C3502	C3528		
3/4/2014	M496	C3502	47.2	SM104	0.322	NO COATING INFO	2235+92.1		223592.1	8 IN	X56	XR	48.299616	103.357425	2257.40	2251.80	5.60		50.6	49.4	C3516	C3525		
3/4/2014	MO25	C3516	50.6	SM106	0.322	NO COATING INFO	2236+42.7		223642.7	8 IN	X56	XR	48.299479	103.357426	2267.40	2261.50	5.90		50.1	47.2	C3513	C3502		
3/4/2014	M311	C3513	50.1	SM107	0.322	NO COATING INFO	2236+92.8		223692.8	8 IN	X56	XR	48.299343	103.357422	2276.30	2270.11	6.19		49.7	50.6	C3509	C3516		
3/4/2014	M413	C3509	49.7	SM105	0.322	NO COATING INFO	2237+42.6		223742.6	8 IN	X56	XR	48.299209	103.357414	2280.81	2274.32	6.49		16.1	50.1	C3509	C3513		
3/4/2014	110	C3509	16.1	SMT504	0.322		2237+58.6		223758.6	8 IN	X56	XR	48.299165	103.357412	2282.08	2275.30	6.78	FBE	42.0	49.7	SB60871	C3509		
3/4/2014	4702	SB60871	42.0	SMT505	0.322		2238+00.6		223800.6	8 IN	X56	XR	48.299051	103.357402	2284.90	2280.10	4.80	FBE	35.2	16.1	SB60871	C3509		
3/4/2014	4703	SB60871	35.2	SM4150	0.322		2238+35.9	P.I. < 5°38'41" RT.	223835.9	8 IN	X56	XR	48.298954	103.357394	2287.25	2282.50	4.75	FBE	42.1	42.0	SB60871	SB60871		
3/4/2014	4704	SB60871	42.1	SM4151	0.322		2238+78.0	P.I. < 4°29'11" RT.	223878.0	8 IN	X56	XR	48.298839	103.357402	2287.20	2283.10	4.10	FBE	42.1	35.2	SB60871	SB60871		
3/4/2014	4705	SB60871	42.1	SM4152	0.322		2239+20.1		223920.1	8 IN	X56	XR	48.298724	103.357423	2286.50	2281.90	4.60	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4706	SB60871	42.1	SM4153	0.322		2239+62.2	P.I. < 3°53'48" LT.	223962.2	8 IN	X56	XR	48.298610	103.357439	2286.30	2281.30	5.00	FBE	41.6	42.1	SB60863	SB60871		
3/4/2014	4707	SB60863	41.6	SM4154	0.322		2240+03.7		224003.7	8 IN	X56	XR	48.298496	103.357444	2286.40	2281.80	4.60	FBE	42.5	42.1	SB60875	SB60871		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY:
PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 246	SHEET No. 146 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4708	SB60875	42.5	SM4155	0.322		2240+46.3		224046.3	8 IN	X56	XR	48.298379	103.357444	2286.40	2281.90	4.50	FBE	42.1	41.6	SB60871	SB60863		
3/4/2014	4709	SB60871	42.1	SM4156	0.322		2240+88.4		224088.4	8 IN	X56	XR	48.298264	103.357445	2286.40	2281.60	4.80	FBE	42.0	42.5	SB60871	SB60875		
3/4/2014	4710	SB60871	42.0	SM4157	0.322		2241+30.4		224130.4	8 IN	X56	XR	48.298149	103.357449	2286.30	2280.60	5.70	FBE	42.2	42.1	SB60871	SB60871		
3/4/2014	4711	SB60871	42.2	SM4158	0.322		2241+72.6		224172.6	8 IN	X56	XR	48.298033	103.357452	2283.88	2279.20	4.68	FBE	42.1	42.0	SB60871	SB60871		
3/4/2014	4712	SB60871	42.1	SM4159	0.322		2242+14.7		224214.7	8 IN	X56	XR	48.297918	103.357455	2283.40	2278.00	5.40	FBE	42.0	42.2	SB60871	SB60871		
3/4/2014	4713	SB60871	42.0	SM4160	0.322		2242+56.7		224256.7	8 IN	X56	XR	48.297803	103.357458	2283.02	2277.10	5.92	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4714	SB60871	42.1	SM4161	0.322		2242+98.8		224298.8	8 IN	X56	XR	48.297687	103.357460	2281.10	2277.10	4.00	FBE	42.2	42.0	SB60867	SB60871		
3/4/2014	4715	SB60867	42.2	SM4162	0.322		2243+41.0		224341.0	8 IN	X56	XR	48.297572	103.357460	2280.92	2276.20	4.72	FBE	42.1	42.1	SB60867	SB60871		
3/4/2014	4716	SB60867	42.1	SM4163	0.322		2243+83.1		224383.1	8 IN	X56	XR	48.297456	103.357462	2279.95	2274.60	5.35	FBE	42.0	42.2	SB60871	SB60867		
3/4/2014	4717	SB60871	42.0	SM4164	0.322		2244+25.1		224425.1	8 IN	X56	XR	48.297341	103.357465	2279.17	2272.30	6.87	FBE	42.2	42.1	SB60871	SB60867		
3/4/2014	4718	SB60871	42.2	SM4165	0.322		2244+67.3		224467.3	8 IN	X56	XR	48.297226	103.357467	2277.02	2270.80	6.22	FBE	42.0	42.0	SB60871	SB60871		
3/4/2014	4719	SB60871	42.0	SM4166	0.322		2245+09.3		224509.3	8 IN	X56	XR	48.297111	103.357469	2277.77	2272.30	5.47	FBE	42.1	42.2	SB60871	SB60871		
3/4/2014	4720	SB60871	42.1	SM4167	0.322		2245+51.4		224551.4	8 IN	X56	XR	48.296996	103.357469	2279.39	2275.00	4.39	FBE	42.0	42.0	SB60871	SB60871		
3/4/2014	4721	SB60871	42.0	SM4168	0.322		2245+93.4		224593.4	8 IN	X56	XR	48.296880	103.357471	2281.60	2276.80	4.80	FBE	42.1	42.1	SB60871	SB60871		
3/4/2014	4722	SB60871	42.1	SM4169R	0.322		2246+35.5		224635.5	8 IN	X56	XR	48.296765	103.357473	2283.45	2277.60	5.85	FBE	43.5	42.0	NB6550-12F	SB60871		
3/4/2014	3550A	NB6550-12F	43.5	SM4170	0.322		2246+79.0		224679.0	8 IN	X56	XR	48.296646	103.357476	2283.43	2278.20	5.23	FBE	10.8	42.1	TC1211-120	SB60871		
3/4/2014	3568A	TC1211-120	10.8	SM4171	0.322		2246+89.8		224689.8	8 IN	X56	XR	48.296616	103.357477	2283.90	2278.20	5.70	FBE	42.2	43.5	SB60873	NB6550-12F		
3/4/2014	4724	SB60873	42.2	SM4172	0.322		2247+32.0		224732.0	8 IN	X56	XR	48.296501	103.357483	2284.17	2278.50	5.67	FBE	12.0	10.8	NC0745-113	TC1211-120		
3/4/2014	3573A	NC0745-113	12.0	SM4173	0.322		2247+43.9		224743.9	8 IN	X56	XR	48.296468	103.357484	2284.17	2278.70	5.47	FBE	42.3	42.2	SB60875	SB60873		
3/4/2014	4725	SB60875	42.3	SM4174	0.322		2247+86.2		224786.2	8 IN	X56	XR	48.296352	103.357488	2284.89	2279.00	5.89	FBE	10.4	12.0	NC0744-116	NC0745-113		
3/4/2014	3597A	NC0744-116	10.4	SM4175	0.322		2247+96.6		224796.6	8 IN	X56	XR	48.296324	103.357488	2284.89	2279.10	5.79	FBE	42.3	42.3	SB60867	SB60875		
3/4/2014	4726	SB60867	42.3	SM4176	0.322		2248+38.9		224838.9	8 IN	X56	XR	48.296208	103.357490	2286.30	2280.20	6.10	FBE	41.9	10.4	SB60867	NC0744-116		
3/4/2014	4727	SB60867	41.9	SM4177	0.322		2248+80.9		224880.9	8 IN	X56	XR	48.296093	103.357490	2286.30	2281.20	5.10	FBE	15.4	42.3	SC1210-120	SB60867		
3/4/2014	3580A	SC1210-120	15.4	SM4178	0.322		2248+96.3		224896.3	8 IN	X56	XR	48.296050	103.357490	2286.30	2281.30	5.00	FBE	42.1	41.9	SB60867	SB60867		
3/4/2014	4728	SB60867	42.1	SM4179	0.322		2249+38.4		224938.4	8 IN	X56	XR	48.295935	103.357490	2286.30	2281.30	5.00	FBE	42.2	15.4	SB60871	SC1210-120		
3/4/2014	4729	SB60871	42.2	SM4180	0.322		2249+80.6		224980.6	8 IN	X56	XR	48.295819	103.357491	2286.30	2280.90	5.40	FBE	42.1	42.1	SB60871	SB60867		
3/4/2014	4730	SB60871	42.1	SM4181	0.322		2250+22.6		225022.6	8 IN	X56	XR	48.295704	103.357492	2286.30	2280.60	5.70	FBE	42.0	42.2	SB60859	SB60871		
3/4/2014	4731	SB60859	42.0	SM4182	0.322		2250+64.7		225064.7	8 IN	X56	XR	48.295589	103.357495	2286.30	2280.40	5.90	FBE	42.1	42.1	SB60859	SB60871		
3/4/2014	4732	SB60859	42.1	SM4183	0.322		2251+06.8		225106.8	8 IN	X56	XR	48.295474	103.357499	2286.30	2280.50	5.80	FBE	42.0	42.0	SB60859	SB60859		
3/4/2014	4733	SB60859	42.0	SM4184	0.322		2251+48.8		225148.8	8 IN	X56	XR	48.295358	103.357504	2286.30	2280.80	5.50	FBE	42.1	42.1	SB60859	SB60859		
3/4/2014	4734	SB60859	42.1	SM4185	0.322		2251+90.9		225190.9	8 IN	X56	XR	48.295243	103.357508	2286.30	2281.10	5.20	FBE	42.2	42.0	SB60867	SB60859		
3/4/2014	4735	SB60867	42.2	SM4186	0.322		2252+33.1		225233.1	8 IN	X56	XR	48.295127	103.357511	2286.40	2281.40	5.00	FBE	17.3	42.1	NB6550-17F	SB60859		
3/4/2014	3516A	NB6550-17F	17.3	SM4187	0.322		2252+50.4		225250.4	8 IN	X56	XR	48.295080	103.357512	2286.40	2281.40	5.00	FBE	42.0	42.2	SB60875	SB60867		
3/4/2014	4723	SB60875	42.0	SM4188	0.322		2252+92.3		225292.3	8 IN	X56	XR	48.294965	103.357515	2286.40	2282.00	4.40	FBE	42.3	17.3	SP56732	NB6550-17F		
3/4/2014	4736	SP56732	42.3	SM4189	0.322		2253+34.7		225334.7	8 IN	X56	XR	48.294849	103.357515	2286.40	2282.00	4.40	FBE	18.1	42.0	NC0747-172	SB60875		
3/4/2014	3556A	NC0747-172	18.1	SM4190	0.322		2253+52.8		225352.8	8 IN	X56	XR	48.294799	103.357516	2286.50	2282.00	4.50	FBE	42.2	42.3	SP56739	SP56732		
3/4/2014	4737	SP56739	42.2	SM4191	0.322		2253+95.0		225395.0	8 IN	X56	XR	48.294684	103.357517	2286.50	2282.20	4.30	FBE	42.3	18.1	SP56742	NC0747-172		
3/4/2014	4738	SP56742	42.3	SM4192	0.322		2254+37.3		225437.3	8 IN	X56	XR	48.294568	103.357519	2288.40	2282.70	5.70	FBE	42.0	42.2	SP56737	SP56739		
3/4/2014	4739	SP56737	42.0	SM4193	0.322		2254+79.3		225479.3	8 IN	X56	XR	48.294452	103.357522	2288.46	2282.80	5.66	FBE	42.0	42.3	SP56742	SP56742		
3/4/2014	4740	SP56742	42.0	SM4194	0.322		2255+21.4		225521.4	8 IN	X56	XR	48.294337	103.357525	2288.55	2282.80	5.75	FBE	42.2	42.0	SP56732	SP56737		
3/4/2014	4741	SP56732	42.2	SM4195	0.322		2255+63.5		225563.5	8 IN	X56	XR	48.294222	103.357529	2288.50	2283.20	5.30	FBE	42.2	42.0	SP56732	SP56742		
3/4/2014	4742	SP56732	42.2	SM4196	0.322		2256+05.7		225605.7	8 IN	X56	XR	48.294106	103.357532	2288.68	2283.20	5.48	FBE	42.1	42.2	SP56732	SP56732		
3/4/2014	4743	SP56732	42.1	SM4197	0.322		2256+47.8		225647.8	8 IN	X56	XR	48.293991	103.357534	2288.75	2283.20	5.55	FBE	42.0	42.2	SP56742	SP56732		
3/4/2014	4744	SP56742	42.0	SM4198	0.322		2256+89.7		225689.7	8 IN	X56	XR	48.293876	103.357536	2288.93	2283.30	5.63	FBE	42.1	42.1	SP56742	SP56732		
3/4/2014	4745	SP56742	42.1	SM4199	0.322		2257+31.9		225731.9	8 IN	X56	XR	48.293760	103.357537	2288.70	2283.40	5.30	FBE	42.2	42.0	SP56742	SP56742		
3/4/2014	4746	SP56742	42.2	SM4200	0.322		2257+74.1		225774.1	8 IN	X56	XR	48.293645	103.357538	2288.70	2283.10	5.60	FBE	42.3	42.1	SP56742	SP56742		
3/4/2014	4747	SP56742	42.3	SM4201	0.322		2258+16.3		225816.3	8 IN	X56	XR	48.293529	103.357541	2288.65	2282.90	5.75	FBE	42.0	42.2	SP56739	SP56742		
3/4/2014	4748	SP56739	42.0	SM4202	0.322		2258+58.3		225858.3	8 IN	X56	XR	48.293414	103.357543	2288.68	2282.80	5.88	FBE	42.1	42.3	SB60875	SP56742		
3/4/2014	4749	SB60875	42.1	SM4203	0.322		2259+00.4		225900.4	8 IN	X56	XR	48.293298	103.357545	2286.50	2282.30	4.20	FBE	42.3	42.0	SP56732	SP56739		
3/4/2014	4750	SP56732	42.3	SM4204	0.322		2259+42.7		225942.7	8 IN	X56	XR	48.293182	103.357547	2286.50	2282.10	4.40	FBE	42.0	42.1	SP56739	SB60875		
3/4/2014	4751	SP56739	42.0	SM4205	0.322		2259+84.7		225984.7	8 IN	X56	XR	48.293067	103.357550	2286.50	2282.40	4.10	FBE	42.0	42.3	SP56742	SP56732		
3/4/2014	4752	SP56742	42.0	SM4206	0.322		2260+26.7		226026.7	8 IN	X56	XR	48.292952	103.357553	2288.70	2283.20	5.50	FBE	42.2	42.0	SB60871	SP56739		
3/4/2014	4753	SB60871	42.2	SM4207	0.322		2260+68.9		226068.9	8 IN	X56	XR	48.292836	103.357556	2289.89	2284.10	5.79	FBE	42.0	42.0	SP56742	SP56742		
3/4/2014	4754	SP56742	42.0	SM4208	0.322		2261+10.9		226110.9	8 IN	X56	XR	48.292721	103.357559	2291.90	2285.10	6.80	FBE	42.1	42.2	SP56742	SB60871		
3/4/2014	4755	SP56742	42.1	SM4209	0.322		2261+53.1		226153.1	8 IN	X56	XR	48.292606	103.357561	2290.92	2285.70	5.22	FBE	42.0	42.0	SP56742	SP56742		
3/4/2014	4756	SP56742	42.0	SM4210	0.322		2261+95.0		226195.0	8 IN	X56	XR	48.292491	103.357563	2291.72	2286.50	5.22	FBE	42.2	42.1	SP56742	SP56742		
3/4/2014	4757	SP56742	42.2	SM4211	0.322		2262+37.2		226237.2	8 IN	X56	XR	48.292375	103.357565	2292.51	2287.10	5.41	FBE	42.2	42.0	SP56739	SP56742		
3/4/2014	4758	SP56739	42.2	SM4212	0.322		2262+79.4		226279.4	8 IN	X56	XR	48.292259	103.357566	2293.44	2287.50	5.94	FBE	41.9	42.2	SB60875	SP56742		
3/4/2014	4759	SB60875	41.9	SM4213	0.322		2263+21.4		226321.4	8 IN	X56	XR	48.292144	103.357567	2293.44	2287.90	5.54	FBE	42.1	42.2	SB60875	SP56739		
3/4/2014	4760	SB60875	42.1	SM4214	0.322		2263+63.5		226363.5	8 IN	X56	XR	48.292029	103.357569	2293.44	2288.20	5.24	FBE	42.1	41.9	SB60871	SB60875		
3/4/2014	4761	SB60871	42.1	SM4215	0.322		2264+05.6		226405.6	8 IN	X56	XR	48.291914	103.357570	2293.44	2288.30	5.14	FBE	42.2	42.1	SB60859	SB60875		
3/4/2014	4762	SB60859	42.2	SM4216	0.322		2264+47.8		226447.8	8 IN	X56	XR	48.291798	103.357573	2293.44	2287.70	5.74	FBE	42.1	42.1	SB60875	SB60871		
3/4/2014	4763	SB60875	42.1	SM4217	0.322		2264+89.8		226489.8	8 IN	X56	XR	48.291683	103.357575	2293.44	2288.00	5.44	FBE	42.1	42.2	SB60875	SB60859		
3/4/2014	4764	SB60875	42.1	SM4218	0.322		2265+31.9		226531.9	8 IN	X56	XR	48.291567	103.357575	2294.09	2288.40	5.69	FBE	42.1	42.1	SB60875	SB60875		
3/4/2014	4765	SB60875	42.1	SM4219	0.322		2265+74.0		226574.0	8 IN	X56	XR	48.291452	103.357575	2294.74	2289.10	5.64	FBE	42.1	42.1	SP56735	SB60875		
3/4/2014	4766	SP56735	42.1	SM4220	0.322		2266+16.1		226616.1	8 IN	X56	XR	48.291337	103.357575	2294.74	2289.30	5.44	FBE	42.3	42.1	SP56742	SB60875		
3/4/2014	4767	SP56742	42.3	SM4221	0.322		2266+58.4	P.I. < 2°17'51" RT.	226658.4	8 IN	X56	XR	48.291221	103.357576	2293.12	2287.80	5.32	FBE	42.3	42.1	SP56739	SP56735		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
SCALE: N.T.S.	DWG. No.: 247	SHEET No. 147 OF 149

1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	4768	SP56739	42.3	SM4222	0.322		2267+00.6		226700.6	8 IN	X56	XR	48.291105	103.357583	2291.50	2285.60	5.90	FBE	41.7	42.3	SB60863	SP56742		
3/4/2014	4769	SB60863	41.7	SM4223	0.322		2267+42.4		226742.4	8 IN	X56	XR	48.290991	103.357586	2289.40	2283.40	6.00	FBE	42.2	42.3	SB60875	SP56739		
3/4/2014	4770	SB60875	42.2	SM4224	0.322		2267+84.6		226784.6	8 IN	X56	XR	48.290875	103.357590	2286.50	2282.40	4.10	FBE	42.0	41.7	SB60871	SB60863		
3/4/2014	4771	SB60871	42.0	SM4225	0.322		2268+26.6		226826.6	8 IN	X56	XR	48.290760	103.357592	2286.50	2282.10	4.40	FBE	42.2	42.2	SB60863	SB60875		
3/4/2014	4772	SB60863	42.2	SM4226	0.322		2268+68.8		226868.8	8 IN	X56	XR	48.290644	103.357593	2286.50	2281.60	4.90	FBE	42.1	42.0	SB60863	SB60871		
3/4/2014	4773	SB60863	42.1	SM4227	0.322		2269+10.9		226910.9	8 IN	X56	XR	48.290529	103.357592	2286.30	2280.80	5.50	FBE	42.0	42.2	SP56734	SB60863		
3/4/2014	4774	SP56734	42.0	SM4228	0.322		2269+53.0		226953.0	8 IN	X56	XR	48.290414	103.357589	2286.30	2280.60	5.70	FBE	42.2	42.1	SB60871	SB60863		
3/4/2014	4775	SB60871	42.2	SM4229	0.322		2269+95.2		226995.2	8 IN	X56	XR	48.290298	103.357588	2286.30	2280.10	6.20	FBE	42.1	42.0	SB60871	SP56734		
3/4/2014	4776	SB60871	42.1	SM4230	0.322		2270+37.2		227037.2	8 IN	X56	XR	48.290183	103.357589	2282.96	2278.30	4.66	FBE	42.2	42.2	SB60871	SB60871		
3/4/2014	4777	SB60871	42.2	SM4231	0.322		2270+79.4		227079.4	8 IN	X56	XR	48.290068	103.357592	2280.96	2275.80	5.16	FBE	42.2	42.1	SB60871	SB60871		
3/4/2014	4778	SB60871	42.2	SM4232	0.322		2271+21.6		227121.6	8 IN	X56	XR	48.289953	103.357596	2279.00	2271.70	7.30	FBE	42.0	42.2	SB60863	SB60871		
3/4/2014	4779	SB60863	42.0	SM4233	0.322		2271+63.6		227163.6	8 IN	X56	XR	48.289838	103.357597	2273.50	2267.00	6.50	FBE	42.1	42.2	SB60863	SB60871		
3/4/2014	4780	SB60863	42.1	SM4234	0.322		2272+05.6		227205.6	8 IN	X56	XR	48.289724	103.357600	2270.00	2263.90	6.10	FBE	42.1	42.0	SB60863	SB60863		
3/4/2014	4781	SB60863	42.1	SM4235	0.322		2272+47.7		227247.7	8 IN	X56	XR	48.289609	103.357603	2268.00	2262.30	5.70	FBE	42.1	42.1	SB60875	SB60863		
3/4/2014	4782	SB60875	42.1	SM4236	0.322		2272+89.8		227289.8	8 IN	X56	XR	48.289494	103.357605	2264.62	2259.31	5.31	FBE	42.2	42.1	SP56739	SB60863		
3/4/2014	4783	SP56739	42.2	SM4237	0.322		2273+32.0		227332.0	8 IN	X56	XR	48.289378	103.357609	2261.37	2256.45	4.92	FBE	42.1	42.1	SP56739	SB60875		
3/4/2014	4784	SP56739	42.1	SM4248	0.322		2273+74.1		227374.1	8 IN	X56	XR	48.289263	103.357613	2256.50	2252.00	4.50	FBE	42.2	42.2	SP56742	SP56739		
3/4/2014	4785	SP56742	42.2	SM4249	0.322		2274+16.2		227416.2	8 IN	X56	XR	48.289148	103.357615	2257.40	2253.10	4.30	FBE	42.0	42.1	SP56739	SP56739		
3/4/2014	4786	SP56739	42.0	SM4250	0.322		2274+58.3		227458.3	8 IN	X56	XR	48.289033	103.357617	2252.37	2247.90	4.47	FBE	42.3	42.2	SP56737	SP56742		
3/4/2014	4787	SP56737	42.3	SM4251	0.322		2275+00.6		227500.6	8 IN	X56	XR	48.288919	103.357619	2246.30	2241.30	5.00	FBE	42.0	42.0	SP56734	SP56739		
3/4/2014	4788	SP56734	42.0	SM4252	0.322		2275+42.5		227542.5	8 IN	X56	XR	48.288805	103.357621	2247.54	2242.65	4.89	FBE	42.1	42.3	SP56742	SP56737		
3/4/2014	4789	SP56742	42.1	SM4253	0.322		2275+84.6		227584.6	8 IN	X56	XR	48.288689	103.357623	2245.08	2240.29	4.79	FBE	42.2	42.0	SP56739	SP56734		
3/4/2014	4790	SP56739	42.2	SM4254	0.322		2276+26.8		227626.8	8 IN	X56	XR	48.288574	103.357626	2242.62	2237.94	4.68	FBE	42.0	42.1	SP56730	SP56742		
3/4/2014	4791	SP56730	42.0	SM4255	0.322		2276+68.8		227668.8	8 IN	X56	XR	48.288459	103.357629	2240.17	2235.60	4.57	FBE	42.2	42.2	SP56739	SP56739		
3/4/2014	4792	SP56739	42.2	SM4256	0.322		2277+11.0		227711.0	8 IN	X56	XR	48.288343	103.357630	2238.30	2233.25	5.05	FBE	42.0	42.0	SB60863	SP56730		
3/4/2014	4793	SB60863	42.0	SM4257	0.322		2277+52.9		227752.9	8 IN	X56	XR	48.288228	103.357632	2240.85	2235.33	5.52	FBE	42.1	42.2	SB60859	SP56739		
3/4/2014	4794	SB60859	42.1	SM4258	0.322		2277+95.0		227795.0	8 IN	X56	XR	48.288113	103.357633	2246.30	2240.30	6.00	FBE	42.1	42.0	SB60859	SB60863		
3/4/2014	4795	SB60859	42.1	SM4259	0.322		2278+37.1		227837.1	8 IN	X56	XR	48.287998	103.357635	2246.30	2241.50	4.80	FBE	42.2	42.1	SB60859	SB60859		
3/4/2014	4796	SB60859	42.2	SM4260	0.322		2278+79.3		227879.3	8 IN	X56	XR	48.287882	103.357639	2247.40	2242.80	4.60	FBE	42.1	42.1	SB60867	SB60859		
3/4/2014	4797	SB60867	42.1	SM4261	0.322		2279+21.4		227921.4	8 IN	X56	XR	48.287767	103.357641	2248.00	2243.60	4.40	FBE	42.2	42.2	SB60871	SB60859		
3/4/2014	4798	SB60871	42.2	SM4262	0.322		2279+63.6		227963.6	8 IN	X56	XR	48.287651	103.357643	2249.30	2244.80	4.50	FBE	41.9	42.1	SB60871	SB60867		
3/4/2014	4799	SB60871	41.9	SM4263	0.322		2280+05.5		228005.5	8 IN	X56	XR	48.287536	103.357646	2250.00	2245.50	4.50	FBE	42.2	42.2	SB60875	SB60871		
3/4/2014	4800	SB60875	42.2	SM4264	0.322		2280+47.7		228047.7	8 IN	X56	XR	48.287421	103.357647	2251.20	2246.30	4.90	FBE	42.0	41.9	SB60875	SB60871		
3/4/2014	4801	SB60875	42.0	SM4265	0.322		2280+89.7		228089.7	8 IN	X56	XR	48.287305	103.357647	2251.70	2246.70	5.00	FBE	42.2	42.2	SB60859	SB60875		
3/4/2014	4802	SB60859	42.2	SM4266	0.322		2281+31.9		228131.9	8 IN	X56	XR	48.287190	103.357648	2252.30	2247.40	4.90	FBE	42.0	42.0	SB60859	SB60875		
3/4/2014	4803	SB60859	42.0	SM4267	0.322		2281+74.0		228174.0	8 IN	X56	XR	48.287075	103.357650	2253.60	2248.70	4.90	FBE	42.1	42.2	SB60871	SB60859		
3/4/2014	4804	SB60871	42.1	SM4268	0.322		2282+16.0		228216.0	8 IN	X56	XR	48.286959	103.357653	2254.90	2250.40	4.50	FBE	42.0	42.0	SB60871	SB60859		
3/4/2014	4805	SB60871	42.0	SM4269	0.322		2282+58.0		228258.0	8 IN	X56	XR	48.286845	103.357658	2256.80	2252.30	4.50	FBE	42.2	42.1	SB60871	SB60871		
3/4/2014	4806	SB60871	42.2	SM4270	0.322		2283+00.2		228300.2	8 IN	X56	XR	48.286729	103.357663	2257.10	2252.70	4.40	FBE	42.1	42.0	SB60859	SB60871		
3/4/2014	4807	SB60859	42.1	SM4271	0.322		2283+42.3		228342.3	8 IN	X56	XR	48.286614	103.357666	2256.40	2251.90	4.50	FBE	42.0	42.2	SB60863	SB60871		
3/4/2014	4808	SB60863	42.0	SM4272	0.322		2283+84.3		228384.3	8 IN	X56	XR	48.286498	103.357670	2255.40	2250.80	4.60	FBE	42.2	42.1	SB60859	SB60859		
3/4/2014	4809	SB60859	42.2	SM4273	0.322		2284+26.6		228426.6	8 IN	X56	XR	48.286383	103.357671	2251.80	2247.30	4.50	FBE	41.9	42.0	SB60859	SB60863		
3/4/2014	4810	SB60859	41.9	SM4274	0.322		2284+68.5		228468.5	8 IN	X56	XR	48.286268	103.357673	2249.10	2244.50	4.60	FBE	42.0	42.2	SP56742	SB60859		
3/4/2014	4811	SP56742	42.0	SMT508	0.322		2285+10.5		228510.5	8 IN	X56	XR	48.286154	103.357675	2246.30	2241.80	4.50	FBE	34.0	41.9	SB60871	SB60859		
3/4/2014	4812	SB60871	34.0	SMT507	0.322		2285+44.5	P.I. < 13°39'55" LT.	228544.5	8 IN	X56	XR	48.286061	103.357678	2248.10	2243.60	4.50	FBE	2.6	42.0	C30174	SP56742		
3/4/2014	F58	C30174	2.6	SMT506	0.322	FACTORY BEND	2285+47.1	P.I. < 4°00'35" LT.	228547.1	8 IN	X56	XR	48.286054	103.357678	2247.20	2243.20	4.00	FBE	32.8	34.0	SP56734	SB60871		
3/4/2014	4813BR	SP56734	32.8	SMB466		CALCULATED BORE	2285+79.9		228579.9		X56	XR	48.285968	103.357680	2239.50	2233.34	6.16	ARO	42.1	2.6	SP56732	C30174		NOTE 1
3/4/2014	4814BR	SP56732	42.1	SMB467		CALCULATED BORE	2286+22.0		228622.0		X56	XR	48.285853	103.357683	2239.89	2228.66	11.23	ARO	30.5	32.8	SP56734	SP56734		NOTE 1
3/4/2014	4815BR	SP56734	30.5	SMT509	0.322		2286+52.4	P.I. < 5°50'05" LT.	228652.4	8 IN	X56	XR	48.285770	103.357685	2239.80	2233.00	6.80	ARO	9.4	42.1	C30174	SP56732		
3/4/2014	F59	C30174	9.4	SMT510	0.322	FACTORY BEND	2286+61.8	P.I. < 21°01'42" LT.	228661.8	8 IN	X56	XR	48.285754	103.357663	2239.80	2233.10	6.70	FBE	17.9	30.5	TC1211-120	SP56734		
3/4/2014	3716A	TC1211-120	17.9	SMT511	0.322		2286+79.7	P.I. < 2°33'57" LT.	228679.7	8 IN	X56	XR	48.285751	103.357590	2240.50	2233.90	6.60	FBE	50.2	9.4	NC0745-131	C30174		
3/4/2014	3515	NC0745-131	50.2	SM4228	0.322		2287+29.9		228729.9	8 IN	X56	XR	48.285752	103.357384	2242.00	2236.10	5.90	FBE	42.1	17.9	SB60871	TC1211-120		
3/4/2014	4816	SB60871	42.1	SM4229	0.322		2287+72.1		228772.1	8 IN	X56	XR	48.285752	103.357211	2241.00	2235.90	5.10	FBE	42.0	50.2	SB60871	NC0745-131		
3/4/2014	4817	SB60871	42.0	SM4230	0.322		2288+14.1		228814.1	8 IN	X56	XR	48.285752	103.357038	2240.30	2235.40	4.90	FBE	42.2	42.1	SB60871	SB60871		
3/4/2014	4818	SB60871	42.2	SM4231	0.322		2288+56.3		228856.3	8 IN	X56	XR	48.285753	103.356865	2241.00	2236.20	4.80	FBE	42.0	42.0	SB60871	SB60871		
3/4/2014	4819	SB60871	42.0	SM4232	0.322		2288+98.3		228898.3	8 IN	X56	XR	48.285755	103.356692	2242.90	2237.40	5.50	FBE	42.1	42.2	SB60871	SB60871		
3/4/2014	4820	SB60871	42.1	SM4233	0.322		2289+40.4		228940.4	8 IN	X56	XR	48.285757	103.356520	2244.60	2239.70	4.90	FBE	42.3	42.0	SB60859	SB60871		
3/4/2014	4821	SB60859	42.3	SM4234	0.322		2289+82.6		228982.6	8 IN	X56	XR	48.285758	103.356346	2247.00	2242.00	5.00	FBE	42.2	42.1	SB60871	SB60871		
3/4/2014	4822	SB60871	42.2	SM4235	0.322		2290+24.8		229024.8	8 IN	X56	XR	48.285759	103.356174	2250.10	2245.40	4.70	FBE	42.0	42.3	SB60871	SB60859		
3/4/2014	4823	SB60871	42.0	SM4236	0.322		2290+66.8		229066.8	8 IN	X56	XR	48.285759	103.356002	2253.60	2249.00	4.60	FBE	42.1	42.2	SB60871	SB60871		
3/4/2014	4824	SB60871	42.1	SM4237	0.322		2291+08.9		229108.9	8 IN	X56	XR	48.285758	103.355830	2257.50	2252.50	5.00	FBE	42.1	42.0	SB60871	SB60871		
3/4/2014	4825	SB60871	42.1	SM4238	0.322		2291+51.0		229151.0	8 IN	X56	XR	48.285757	103.355657	2261.10	2256.40	4.70	FBE	42.5	42.1	SB60875	SB60871		
3/4/2014	4826	SB60875	42.5	SM4239	0.322		2291+93.4		229193.4	8 IN	X56	XR	48.285757	103.355484	2266.20	2261.10	5.10	FBE	41.8	42.1	SB60867	SB60871		
3/4/2014	4827	SB60867	41.8	SM4240	0.322		2292+35.2		229235.2	8 IN	X56	XR	48.285756	103.355314	2272.40	2267.30	5.10	FBE	42.1	42.5	SB60875	SB60875		
3/4/2014	4828	SB60875	42.1	SM4241	0.322		2292+77.3		229277.3	8 IN	X56	XR	48.285757	103.355144	2278.30	2273.50	4.80	FBE	42.2	41.8	SB60875	SB60867		
3/4/2014	4829	SB60875	42.2	SM4242	0.322		2293+19.5	P.I. < 2°01'28" LT.	229319.5	8 IN	X56	XR	48.285758	103.354971	2279.80	2275.70	4.10	FBE	40.3	42.1	SB60875	SB60875		
3/4/2014	4830	SB60875	40.3	SMT512	0.322		2293+59.7		229359.7	8 IN	X56	XR	48.285761	103.354805	2278.20	2273.90	4.30	FBE	6.1	42.2	TC1211-120	SB60875		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL		
ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS				
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW
NO.	DESCRIPTION	DATE	BY	APPR.

PREPARED FOR:

SUMMIT MIDSTREAM

PREPARED BY:

PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL

AS-BUILT DATA SHEET

WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 248	SHEET No. 148 OF 149
SCALE: N.T.S.		1

As-Built Weld Log

Total Number of Welds			5135		Job Title	SM LATERAL								Start Stn		0+00			End Stn		2308+43.0		
Date	Joint #	Heat #	Length	X-Ray #	Wall Thickness	Comments	Stationing	Degree Bend	Combined Footage	Diameter	Pipe Grade	Code Description	Latitude (DD)	Longitude (DD)	Ground Elevation	Top of Pipe Elevation	Depth Cover	Coating	Forward Segment(FT)	Backward Segment (FT)	Forward Heat #	Backward Heat #	Welder Initials	Notes
3/4/2014	3716B	TC1211-120	6.1	SMT513	0.322		2293+65.8	P.I. < 14°45'15" RT.	229365.8	8 IN	X56	XR	48.285761	103.354781	2278.00	2273.60	4.40	FBE	9.6	40.3	66193	SB60875		
3/4/2014	F60	66193	9.6	SMT514	0.322	FACTORY BEND	2293+75.4	P.I. < 13°47'01" RT.	229375.4	8 IN	X56	XR	48.285745	103.354757	2277.40	2272.90	4.50	FBE	40.2	6.1	SB60867	TC1211-120		
3/4/2014	4831	SB60867	40.2	SMT579	0.322		2294+15.6		229415.6	8 IN	X56	XR	48.285635	103.354758	2274.40	2270.20	4.20	FBE	14.4	9.6	SB60871	66193		
3/4/2014	4832	SB60871	14.4	SM4243	0.322		2294+30.0		229430.0	8 IN	X56	XR	48.285595	103.354758	2274.40	2269.80	4.60	FBE	42.1	40.2	SB60867	SB60867		
3/4/2014	4833	SB60867	42.1	SM4244	0.322		2294+72.1		229472.1	8 IN	X56	XR	48.285480	103.354757	2274.50	2269.80	4.70	FBE	42.2	14.4	SB60871	SB60871		
3/4/2014	4834	SB60871	42.2	SM4245	0.322		2295+14.3		229514.3	8 IN	X56	XR	48.285364	103.354756	2273.70	2269.00	4.70	FBE	42.2	42.1	SB60863	SB60867		
3/4/2014	4835	SB60863	42.2	SM4246	0.322		2295+56.5		229556.5	8 IN	X56	XR	48.285249	103.354758	2270.70	2265.50	5.20	FBE	42.0	42.2	SB60863	SB60871		
3/4/2014	4836	SB60863	42.0	SM4247	0.322		2295+98.5		229598.5	8 IN	X56	XR	48.285134	103.354762	2267.00	2261.40	5.60	FBE	42.2	42.2	SB60871	SB60863		
3/4/2014	4838	SB60871	42.2	SMT578	0.322		2296+40.7		229640.7	8 IN	X56	XR	48.285019	103.354768	2264.20	2257.70	6.50	FBE	7.2	42.0	D48763	SB60863		
3/4/2014	4852BR	D48763	7.2	SMT562	0.322		2296+47.9	P.I. < 2°53'56" LT.	229647.9	8 IN	X56	XR	48.285000	103.354770	2263.90	2257.00	6.90	ARO	42.1	42.2	SP56737	SB60871		
3/4/2014	4849BR	SP56737	42.1	SMB485		CALCULATED BORE	2296+90.0		229690.0		X56	XR	48.284888	103.354771	2261.35	2246.66	14.69	ARO	42.1	7.2	SP56739	D48763		NOTE 1
3/4/2014	4850BR	SP56739	42.1	SMB489		CALCULATED BORE	2297+32.1		229732.1		X56	XR	48.284775	103.354773	2259.22	2237.77	21.45	ARO	42.1	42.1	SP56734	SP56737		NOTE 1
3/4/2014	4851BR	SP56734	42.1	SMB490		CALCULATED BORE	2297+74.2		229774.2		X56	XR	48.284661	103.354774	2259.16	2230.32	28.84	ARO	40.6	42.1	SP56730	SP56739		NOTE 1
3/4/2014	4359BR	SP56730	40.6	SMB492		CALCULATED BORE	2298+14.8		229814.8		X56	XR	48.284551	103.354776	2256.60	2224.52	32.08	ARO	42.1	42.1	SP56732	SP56734		NOTE 1
3/4/2014	4839BR	SP56732	42.1	SMB472		CALCULATED BORE	2298+56.9		229856.9		X56	XR	48.284437	103.354777	2256.28	2219.95	36.33	ARO	42.1	40.6	SP56734	SP56730		NOTE 1
3/4/2014	4840BR	SP56734	42.1	SMB474		CALCULATED BORE	2298+99.0		229899.0		X56	XR	48.284321	103.354779	2255.98	2216.86	39.12	ARO	42.1	42.1	SP56732	SP56732		NOTE 1
3/4/2014	4841BR	SP56732	42.1	SMT561		CALCULATED BORE	2299+41.1		229941.1		X56	XR	48.284206	103.354780	2254.99	2215.24	39.75	ARO	42.1	42.1	SP56734	SP56734		NOTE 1
3/4/2014	4848BR	SP56734	42.1	SMB486		CALCULATED BORE	2299+83.2		229983.2		X56	XR	48.284091	103.354782	2253.98	2215.10	38.88	ARO	42.1	42.1	SP56734	SP56732		NOTE 1
3/4/2014	4842BR	SP56734	42.1	SMB468		CALCULATED BORE	2300+25.3		230025.3		X56	XR	48.283975	103.354783	2252.99	2216.44	36.55	ARO	42.1	42.1	SP56742	SP56734		NOTE 1
3/4/2014	4843BR	SP56742	42.1	SMB469		CALCULATED BORE	2300+67.4		230067.4		X56	XR	48.283860	103.354785	2251.97	2219.25	32.72	ARO	42.1	42.1	SP56739	SP56734		NOTE 1
3/4/2014	4844BR	SP56739	42.1	SMB470		CALCULATED BORE	2301+09.5		230109.5		X56	XR	48.283745	103.354786	2251.00	2223.54	27.46	ARO	42.1	42.1	SP56737	SP56742		NOTE 1
3/4/2014	4845BR	SP56737	42.1	SMB471		CALCULATED BORE	2301+51.6		230151.6		X56	XR	48.283631	103.354787	2249.99	2229.30	20.69	ARO	72.3	42.1	SP56732	SP56739		NOTE 1
3/4/2014	4846BR	SP56732	72.3	SMT685	0.322		2302+23.9		230223.9	8 IN	X56	XR	48.283436	103.354790	2247.80	2242.60	5.20	ARO	17.6	42.1	SB60867	SP56737		
3/4/2014	4889	SB60867	17.6	SMT686	0.322		2302+41.5		230241.5	8 IN	X56	XR	48.283388	103.354793	2247.00	2242.70	4.30	FBE	9.0	72.3	SB60867	SP56732		
3/4/2014	4889A	SB60867	9.0	SMT684	0.322		2302+50.5		230250.5	8 IN	X56	XR	48.283363	103.354793	2247.00	2242.30	4.70	FBE	42.1	17.6	SB60867	SB60867		
3/4/2014	4894	SB60867	42.1	SM5147		CALCULATED BORE	2302+92.6		230292.6		X56	XR	48.283252	103.354794	2247.39	2231.60	15.79	ARO	42.1	9.0	SB60871	SB60867		NOTE 1
3/4/2014	4895	SB60871	42.1	SM5148		CALCULATED BORE	2303+34.7		230334.7		X56	XR	48.283139	103.354795	2244.53	2223.19	21.34	ARO	42.1	42.1	SB60863	SB60867		NOTE 1
3/4/2014	4896	SB60863	42.1	SM5149		CALCULATED BORE	2303+76.8		230376.8		X56	XR	48.283024	103.354796	2243.96	2217.09	26.87	ARO	42.1	42.1	SB60863	SB60871		NOTE 1
3/4/2014	4897	SB60863	42.1	SMT682		CALCULATED BORE	2304+18.9		230418.9		X56	XR	48.282910	103.354797	2240.69	2213.31	27.38	ARO	28.2	42.1	SB60863	SB60863		NOTE 1
3/4/2014	4898	SB60863	28.2	SMT683		CALCULATED BORE	2304+47.1		230447.1		X56	XR	48.282832	103.354798	2238.57	2212.09	26.48	ARO	42.1	42.1	SB60875	SB60863		NOTE 1
3/4/2014	4890	SB60875	42.1	SM5144		CALCULATED BORE	2304+89.2		230489.2		X56	XR	48.282717	103.354799	2231.17	2212.23	18.94	ARO	42.1	28.2	SB60876	SB60863		NOTE 1
3/4/2014	4891	SB60876	42.1	SM5145		CALCULATED BORE	2305+31.3		230531.3		X56	XR	48.282602	103.354800	2234.15	2214.70	19.45	ARO	42.1	42.1	SB60863	SB60875		NOTE 1
3/4/2014	4892	SB60863	42.1	SM5146		CALCULATED BORE	2305+73.4		230573.4		X56	XR	48.282487	103.354801	2235.45	2219.52	15.93	ARO	46.8	42.1	SB60863	SB60876		NOTE 1
3/4/2014	4893	SB60863	46.8	SMT687	0.322		2306+20.3	P.I. < 11°33'21" LT.	230620.3	8 IN	X56	XR	48.282361	103.354802	2234.60	2227.60	7.00	FBE	9.7	42.1	88731	SB60863		
3/4/2014	F61	88731	9.7	SMT688	0.322	FACTORY BEND	2306+29.9	P.I. < 13°33'38" LT.	230629.9	8 IN	X56	XR	48.282345	103.354778	2235.37	2228.70	6.67	FBE	42.1	46.8	SB60863	SB60863		
3/4/2014	4857	SB60863	42.1	SMT689	0.322		2306+72.0		230672.0	8 IN	X56	XR	48.282344	103.354606	2234.73	2229.60	5.13	FBE	42.1	9.7	SB60863	88731		
3/4/2014	4899	SB60863	42.1	SMT690	0.322		2307+14.1		230714.1	8 IN	X56	XR	48.282344	103.354433	2235.58	2230.50	5.08	FBE	42.1	42.1	SB60859	SB60863		
3/4/2014	4900	SB60859	42.1	SMT691	0.322		2307+56.2		230756.2	8 IN	X56	XR	48.282346	103.354260	2236.76	2231.80	4.96	FBE	42.0	42.1	SB60863	SB60863		
3/4/2014	4901	SB60863	42.0	SMT694	0.322		2307+98.3	P.I. < 3°19'53" LT.	230798.3	8 IN	X56	XR	48.282347	103.354087	2237.74	2233.10	4.64	FBE	10.2	42.1	SB60863	SB60859		
3/4/2014	4902	SB60863	10.2	SMT695	0.322		2308+08.5	P.I. < 11°52'55" RT.	230808.5	8 IN	X56	XR	48.282349	103.354045	2237.75	2233.40	4.35	FBE	9.5	42.0	C26266	SB60863		
3/4/2014	F62	C26266	9.5	SMT696	0.322	FACTORY BEND	2308+18.0	P.I. < 19°07'02" RT.	230818.0	8 IN	X56	XR	48.282334	103.354020	2237.62	2233.10	4.52	FBE	19.4	10.2	SB60863	SB60863		
3/4/2014	4902A	SB60863	19.4	SMT697	0.322		2308+37.4	P.I. < 2°31'35" LT.	230837.4	8 IN	X56	XR	48.282281	103.354018	2237.70	2232.80	4.90	FBE	5.6	9.5	X24621	C26266		
3/4/2014	F63	X24621	5.6	SMT698	0.322	VALVE, FACTORY BEND	2308+43.0		230843.0	8 IN	X56	XR	48.282268	103.354018	2237.70	2234.90	2.80	FBE		19.4		SB60863		

NOTE 1: TOP OF PIPE ELEVATION AND DEPTH COVER ARE APRROXIMATED.

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		

SUMMARY OF MATERIAL

ITEM	DESCRIPTION	QTY
COLUMN TOTAL		
PROJECT TOTAL		

REVISIONS

NO.	DESCRIPTION	DATE	BY	APPR.
1	INTEGRATED UPDATED TOPO INFORMATION	11/18/14	JLG	MCW

PREPARED FOR: SUMMIT MIDSTREAM

PREPARED BY: PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

MEADOWLARK SM LATERAL
AS-BUILT DATA SHEET
WILLIAMS, NORTH DAKOTA

DRAWN BY: JLD	CREATION DATE: 03/11/14	AFE No.: 2007-026
APPROVED: MCW	APPR. DATE: 03/18/14	
	DWG. No.: 249	SHEET No. 149 OF 149
SCALE: N.T.S.		1