

LITTLE MUDDY RIVER PIPELINE- AS-BUILT (1-05-15)

ABBREVIATIONS:

S=STEEL
P=POLYETHELENE
CP=CATHODIC PROTECTION STATION
TW=TRACER WIRE STATION
DW=DISPOSAL WATER

QUANTITIES (FT):

10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365	26,845 LF
10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365	2,370 LF

NOTES:

- THESE QUANTITIES ARE BASED ON TOP OF PIPE SHOTS AND REPRESENT PIPE LENGTH ONLY WHERE OPEN TRENCH SURVEY WAS POSSIBLE, THEREFORE ARE APPROXIMATE.
- THE PIPE LENGTHS AS SHOWN MAY INCLUDE FITTINGS, BENDS AND VALVES AND REPRESENT 2D LENGTH.

PRESSURE TEST (INSTALLED):

PRESSURE TEST #1 (Oil) = 1900.2 psi

SHEET INDEX

1"=2,000'

AS BUILT NOTES:

- THESE AS-BUILTS ARE AS CURRENT AS THE DATE LISTED ON THE RIGHT MARGIN. ANY CONSTRUCTION THAT HAS TAKEN PLACE AFTER THIS DATE WOULD NOT BE SHOWN ON THESE PLANS.
- NOT ALL ADJACENT PIPELINES, UTILITIES OR FOREIGN CROSSINGS ARE SHOWN ON THESE PLANS. ONLY EXPOSED LINES COLLECTED DURING CONSTRUCTION FOR FUTURE LOCATING OF THE PIPELINE SHOWN HEREON.
- ALL TOWNSHIP, SECTION, OR PROPERTY LINES ARE FOR REFERENCE ONLY. NO BOUNDARY SURVEY WORK HAS BEEN PERFORMED. PROPERTY LINES AND LANDOWNER INFORMATION AS SHOWN WERE PROVIDED BY THE CLIENT.
- PIPELINE DEPTH AT BORE LOCATIONS IS NOT REPRESENTED IN THE PROFILE ON THESE PLANS.

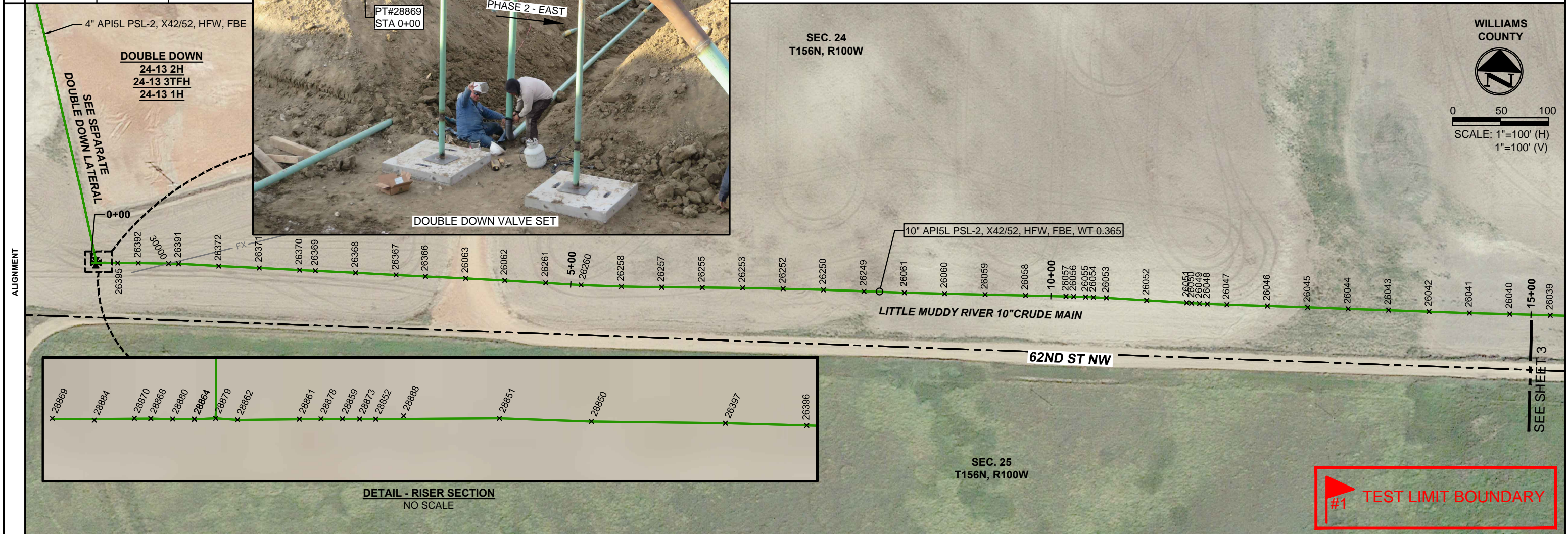
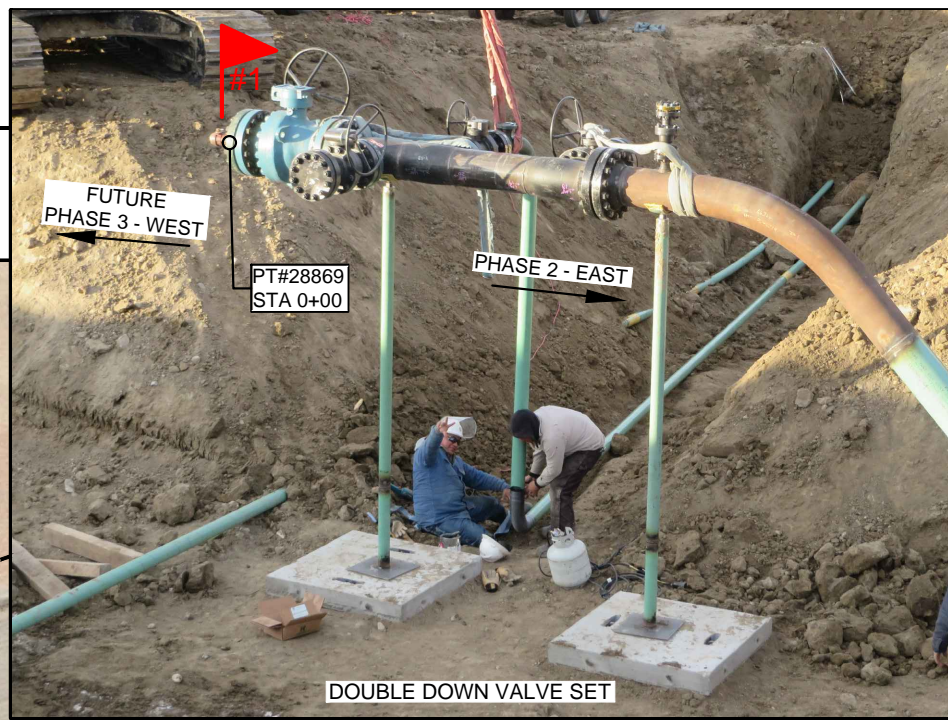
LEGEND		MATERIAL SUMMARY		REVISIONS	
MARK	QTY.	DESCRIPTION	NO.	DATE	DESCRIPTION
---		SECTION LINE			
---		PROPERTY LINE			
---		DISPOSAL WATER			
---		OIL			
---		BORE SEGMENT			
---		FX FOREIGN XING AS NOTED			
---		UE UNDEGROUND ELECTRIC			
---		FENCE LINE			
---		ISOLATION VALVE			
---		BLOCK VALVE			
---		PIG LAUNCHER			
---		PIG RECEIVER			
---		OCP CATHODIC PROT. STATION			
---		OTW TRACER WIRE STATION			

CHIPPEWA RESOURCES
1408 20th Avenue SW, Suite 6
Minot, ND 58703

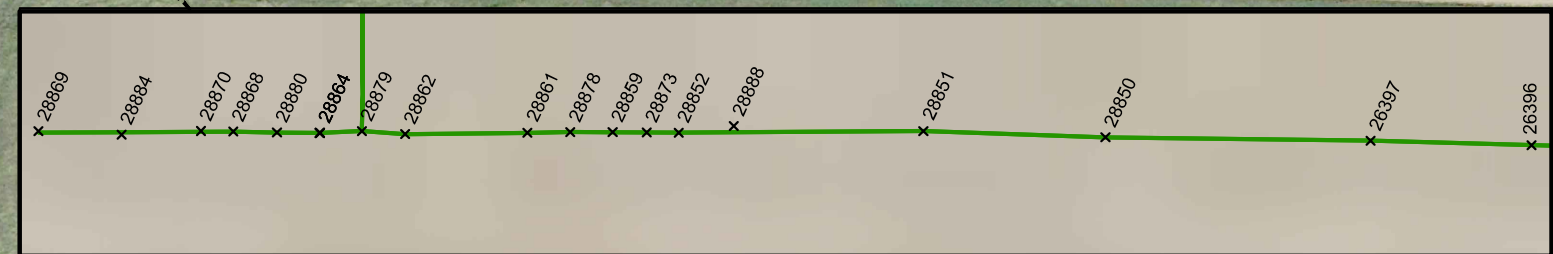
LITTLE MUDDY RIVER PIPELINE
10" MAIN - PHASE 2
PIPELINE AS BUILT

SUMMIT MIDSTREAM 999 18th Street, Suite 3400S,
Denver, CO 80202

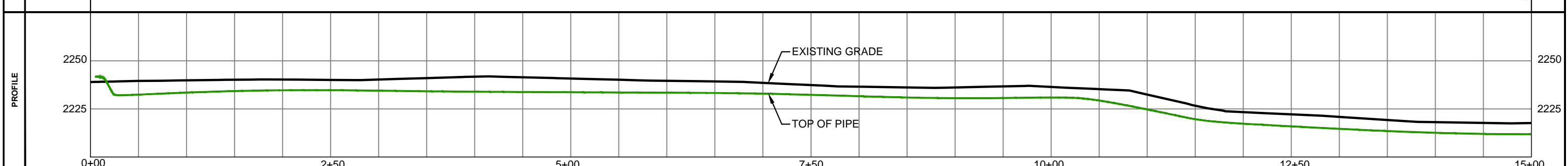
DRAWN BY: KV	CHECKED BY: TA	APPROVED BY: TA	JOB NO: SB12	CONTACT: D. Blikre	DATE: 12.10.14	SHEET NO: 1 of 31	REV: 0
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WILLIAMS COUNTY
 SCALE: 1"=100' (H)
 1"=100' (V)



MATERIALS	STA 0+00	STA 15+00
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LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,500'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	---	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

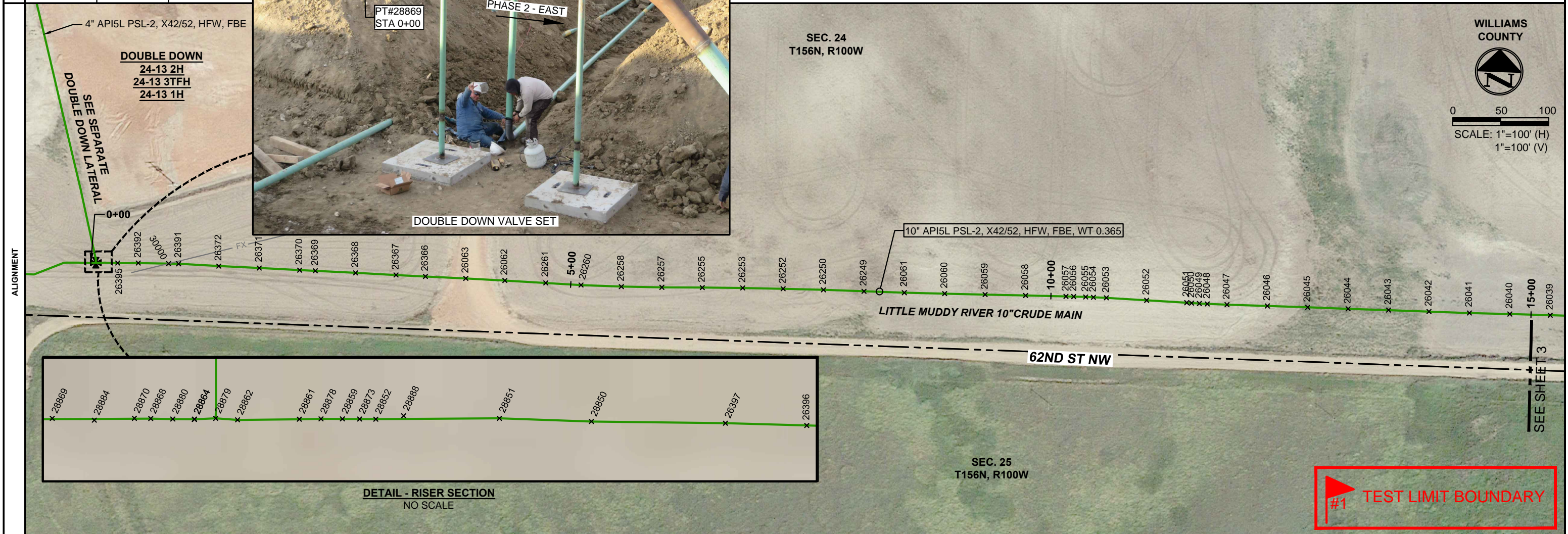
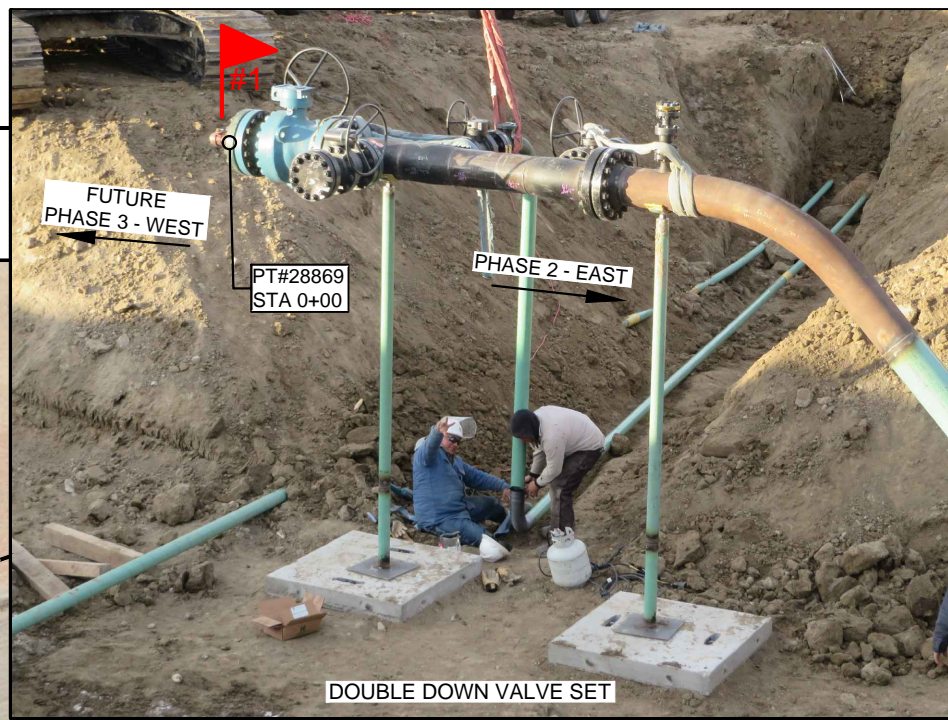
NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
 1408 20th Avenue SW, Suite 6
 Minot, ND 58703

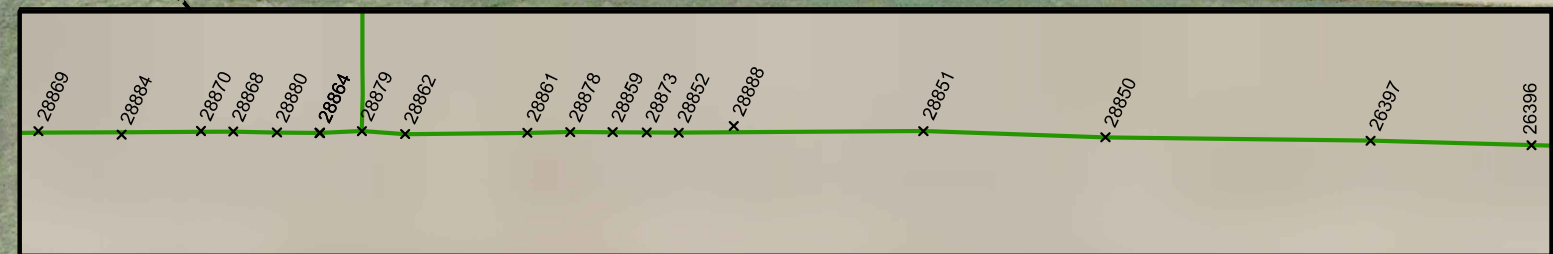
LITTLE MUDDY RIVER PIPELINE
 10" MAIN - PHASE 2
 PIPELINE AS BUILT

SUMMIT MIDSTREAM
 999 18th Street, Suite 3400S,
 Denver, CO 80202

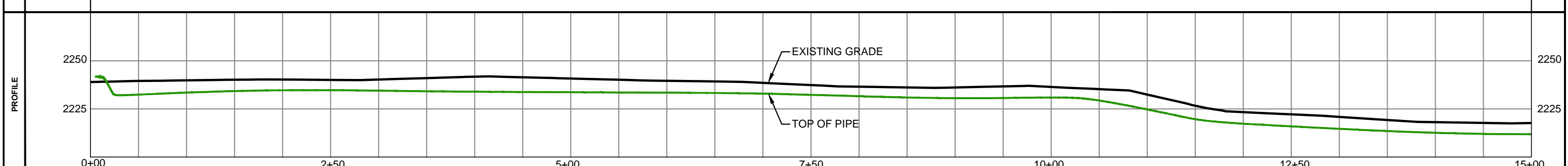
DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA
 JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO: 2 of 31 REV: 0



WILLIAMS COUNTY
 SCALE: 1"=100' (H)
 1"=100' (V)



MATERIALS: STA 0+00 to STA 15+00



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

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1	1,500'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	---	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
 1408 20th Avenue SW, Suite 6
 Minot, ND 58703

LITTLE MUDDY RIVER PIPELINE
 10" MAIN - PHASE 2
 PIPELINE AS BUILT

SUMMIT MIDSTREAM
 999 18th Street, Suite 3400S,
 Denver, CO 80202

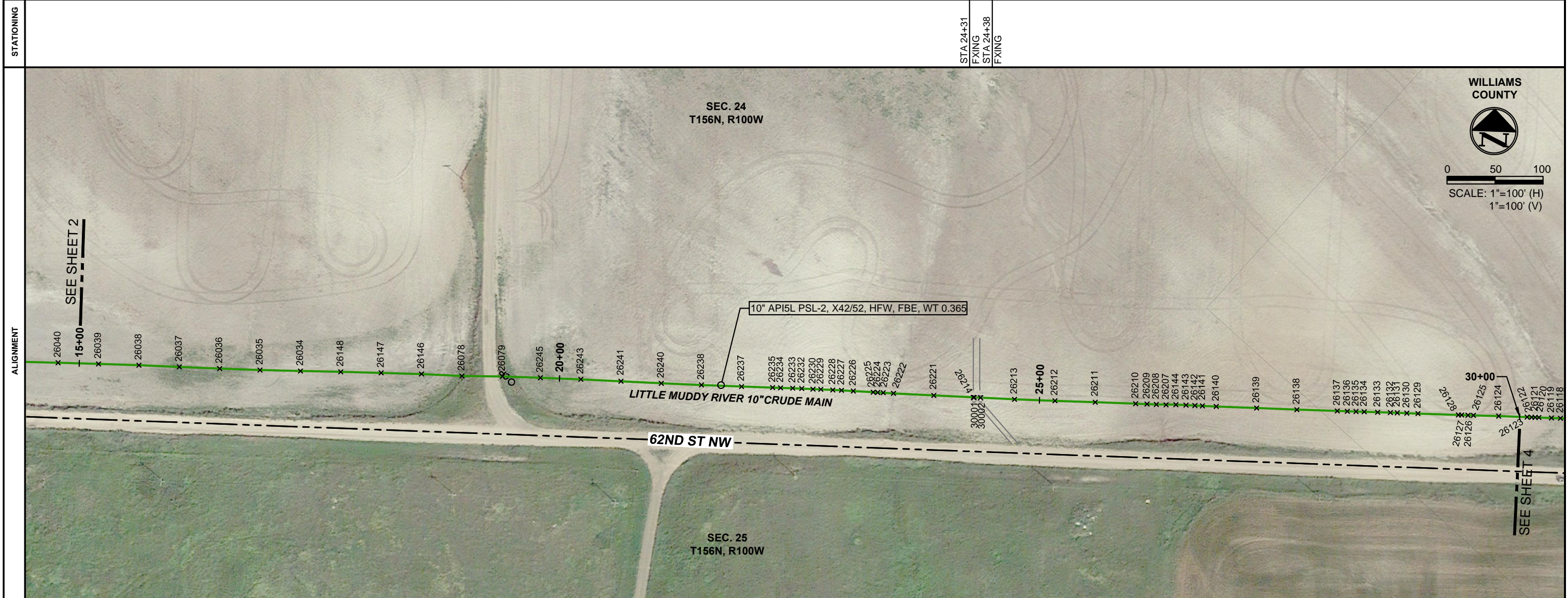
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 JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO: 2 of 31 REV: 0

OWNERSHIP: STA 15+00

TERRY R. & KAREN I. IRGENS
SE1/4 & SW1/4
SEC. 24, T156N, R100W
1,500 LF / 90.91 RODS

STATIONING: STA 24+31 FXING, STA 24+38 FXING

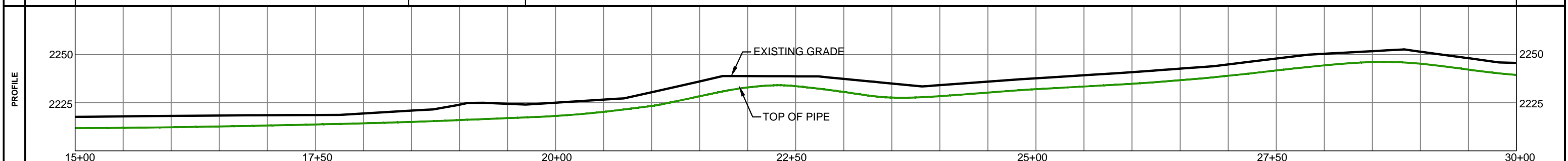
STA 30+00



WILLIAMS COUNTY

0 50 100
SCALE: 1"=100' (H)
1"=100' (V)

MATERIALS	STA 15+00	①	STA 18+56	②	STA 19+80	①	STA 30+00
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LEGEND

---	SECTION LINE	—●—	FENCE LINE
---	PROPERTY LINE	—○—	ISOLATION VALVE
---	DISPOSAL WATER	—□—	BLOCK VALVE
---	OIL	—◇—	PIG LAUNCHER
---	BORE SEGMENT	—○—	PIG RECEIVER
---	FOREIGN XING AS NOTED	—○—	CATHODIC PROT. STATION
---	UE	—○—	TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,376'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	124'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

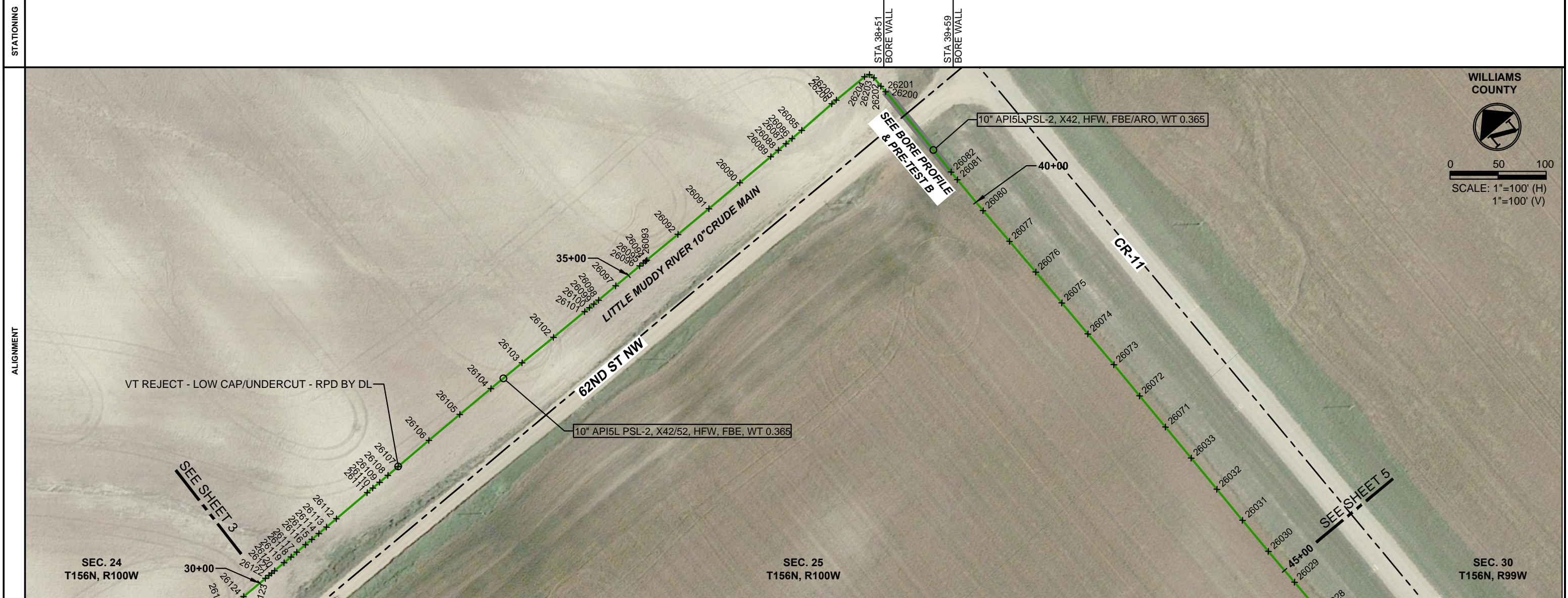
CHIPPEWA RESOURCES
1408 20th Avenue SW, Suite 6
Minot, ND 58703

LITTLE MUDDY RIVER PIPELINE
10" MAIN - PHASE 2
PIPELINE AS BUILT

SUMMIT MIDSTREAM
999 18th Street, Suite 3400S,
Denver, CO 80202

DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA
JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO. 3 OF 31 REV 0

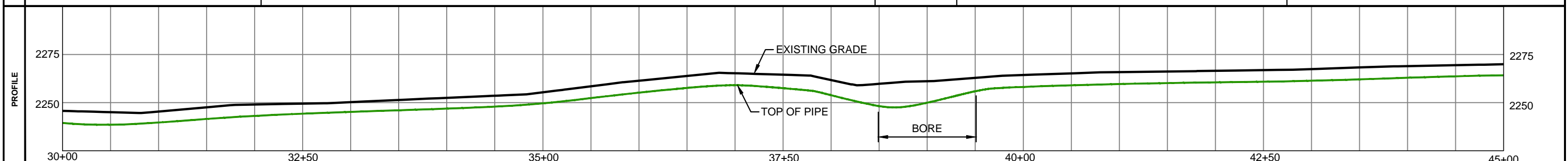
OWNERSHIP	STA 30+00	TERRY R. & KAREN I. IRGENS SE1/4 & SW1/4 SEC.24, T156N, R100W 882.94LF / 53.51 RODS	STA 38+82.94	TERRY R. & KAREN I. IRGENS N 1/2 & NE 1/4 SEC.25, T156N, R100W 617.06 LF / 37.40 RODS	STA 45+00
	STATIONING				



WILLIAMS COUNTY

0 50 100
SCALE: 1"=100' (H)
1"=100' (V)

MATERIALS	STA 30+00	①	STA 38+44	②	STA 39+69	①	STA 45+00
	PROFILE						



LEGEND

---	SECTION LINE	—+—	FENCE LINE
---	PROPERTY LINE	⊗	ISOLATION VALVE
---	DISPOSAL WATER	⊗	BLOCK VALVE
---	OIL	⊗	PIG LAUNCHER
---	BORE SEGMENT	⊗	PIG RECEIVER
---	FOREIGN XING AS NOTED	⊗	CATHODIC PROT. STATION
---	UE	⊗	TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,375'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	125'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
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Minot, ND 58703

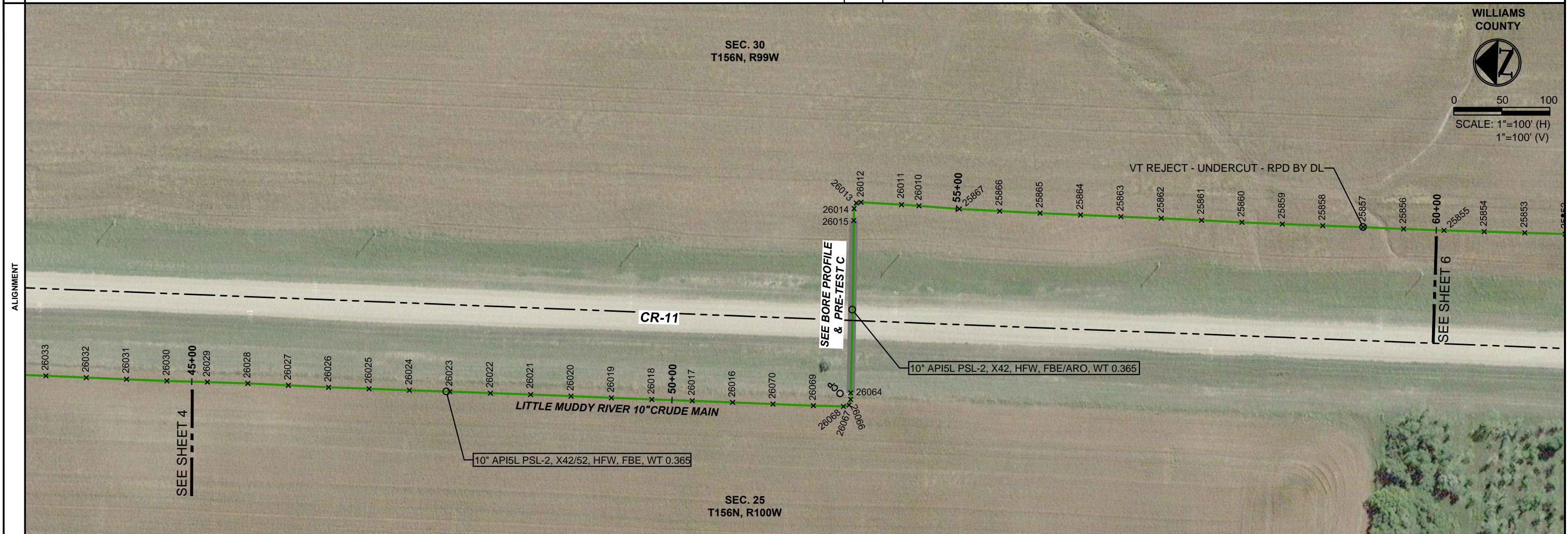
**LITTLE MUDDY RIVER PIPELINE
10" MAIN - PHASE 2
PIPELINE AS BUILT**

SUMMIT MIDSTREAM
999 18th Street, Suite 3400S,
Denver, CO 80202

DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA
JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO: 4 of 31 REV: 0

OWNERSHIP	STA 45+00	TERRY R. & KAREN I. IRGENS NE 1/2 NE 1/4 SEC.25, T156N, R100W 773.04 LF/ 46.85 RODS	STA 52+73.04	CAROLINE THOM LOTS 1 & 2 SEC.30, T156N, R990W 726.96 LF/44.06 RODS	STA 60+00
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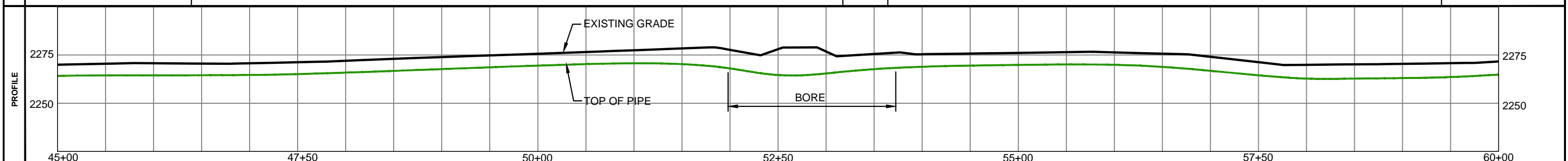
STATIONING			STA 51+97 BORE WALL	STA 53+77 BORE WALL	
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WILLIAMS COUNTY

0 50 100
SCALE: 1"=100' (H)
1"=100' (V)

MATERIALS	STA 45+00	①	STA 51+90	②	STA 53+90	①	STA 45+00
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LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,300'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	200'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

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PIPELINE AS BUILT

SUMMIT MIDSTREAM
999 18th Street, Suite 3400S,
Denver, CO 80202

DRAWN BY: KV	CHECKED BY: TA	APPROVED BY: TA	JOB NO: SB12	CONTACT: D. Blikre	DATE: 12.10.14	SHEET NO: 5 of 31	REV: 0
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OWNERSHIP	STA 60+00	CAROLINE THOM LOTS 1 & 2 SEC.30, T156N, R990W 836.61 LF/50.70 RODS	STA 68+36.61	BETTY M. CHRISTOPHERSON ETAL LOTS 3 & 4 SEC.30, T156N, R990W 663.39 LF/40.21 RODS	STA 75+00
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STATIONING			STA 67+92 BORE WALL	STA 68+88 BORE WALL	
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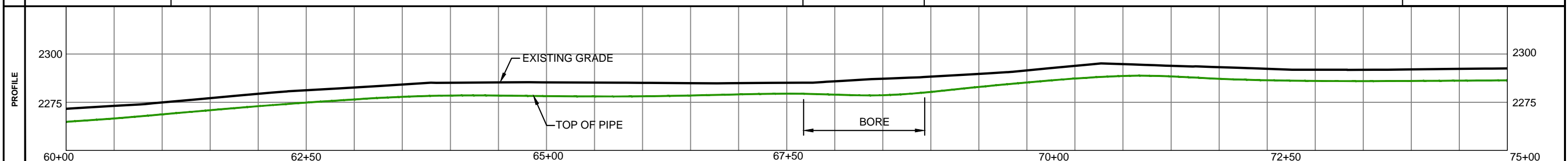


WILLIAMS COUNTY

0 50 100

SCALE: 1"=100' (H)
1"=100' (V)

MATERIALS	STA 60+00	①	STA 67+66	②	STA 68+92	①	STA 75+00
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LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UE UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,374'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	126'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

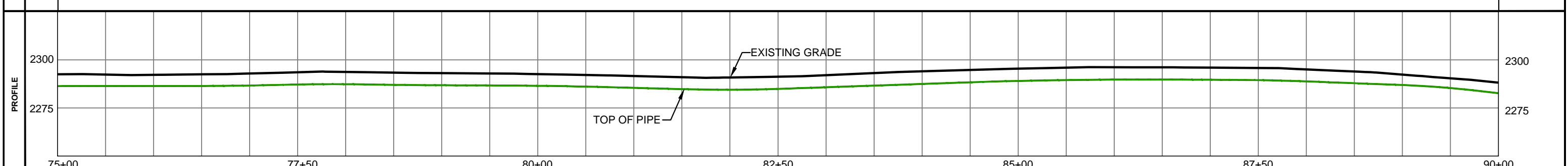
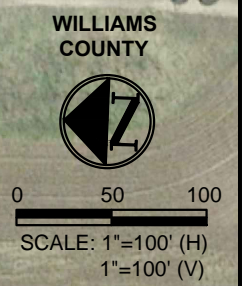
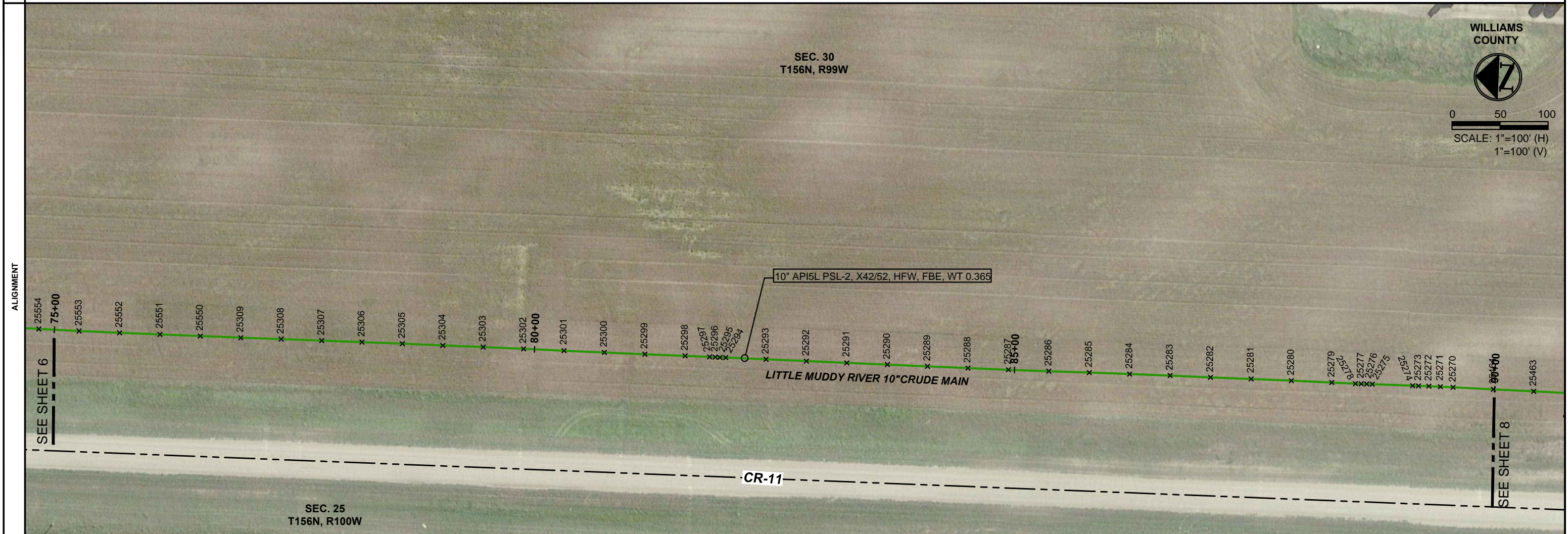
NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
1408 20th Avenue SW, Suite 6
Minot, ND 58703

**LITTLE MUDDY RIVER PIPELINE
10" MAIN - PHASE 2
PIPELINE AS BUILT**

SUMMIT MIDSTREAM
999 18th Street, Suite 3400S,
Denver, CO 80202

DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO. 6 of 31 REV 0



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,500	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	-----	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

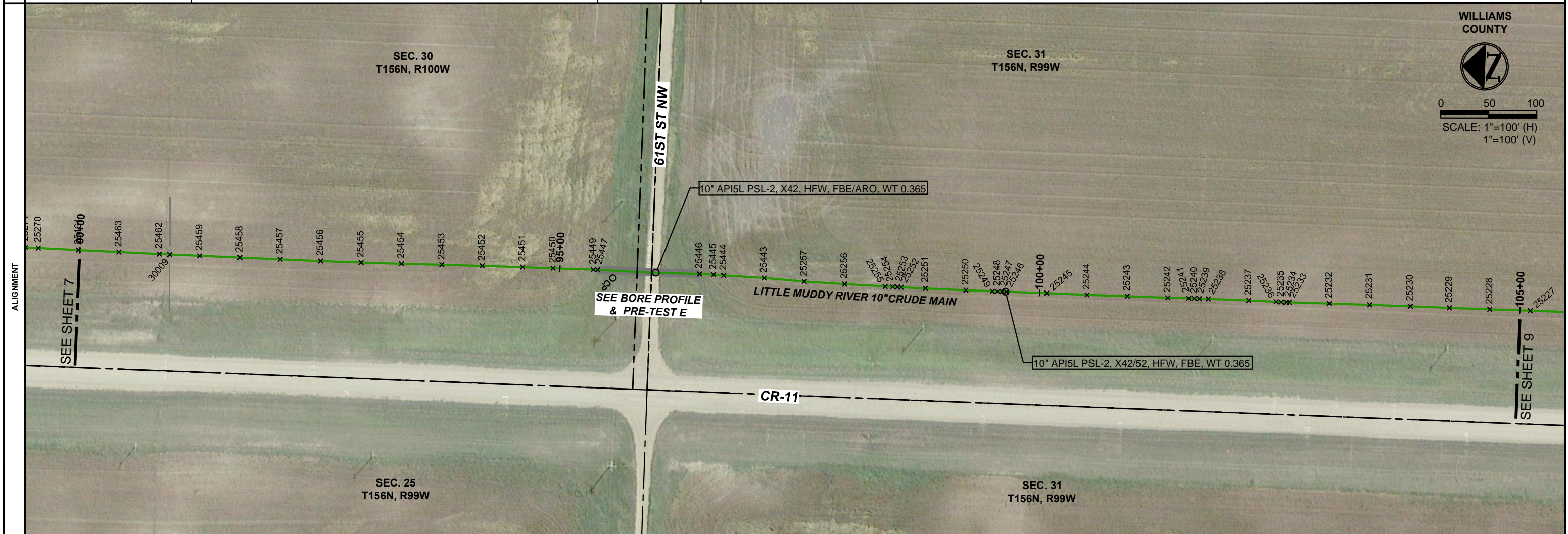
CHIPPEWA RESOURCES
1408 20th Avenue SW, Suite 6
Minot, ND 58703

**LITTLE MUDDY RIVER PIPELINE
10" MAIN - PHASE 2
PIPELINE AS BUILT**

SUMMIT MIDSTREAM 999 18th Street, Suite 3400S,
Denver, CO 80202

DRAWN BY: KV	CHECKED BY: TA	APPROVED BY: TA	JOB NO: SB12	CONTACT: D. Blikre	DATE: 12.10.14	SHEET NO: 7 of 31	REV: 0
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OWNERSHIP	STA 90+00	BETTY M. CHRISTOPHERSON ETAL LOTS 3 & 4 SEC30, T156N, R990W 595.47LF/36.09 RODS		STA 95+95.47	BETTY M. CHRISTOPHERSON ETAL LOTS 1 & 2 SEC31, T156N, R990W 904.53 LF/54.82 RODS		STA 105+00
	STATIONING	STA 102+69 PLAINS P.L.		STA 95+39 BORE WALL	STA 96+45 BORE WALL		

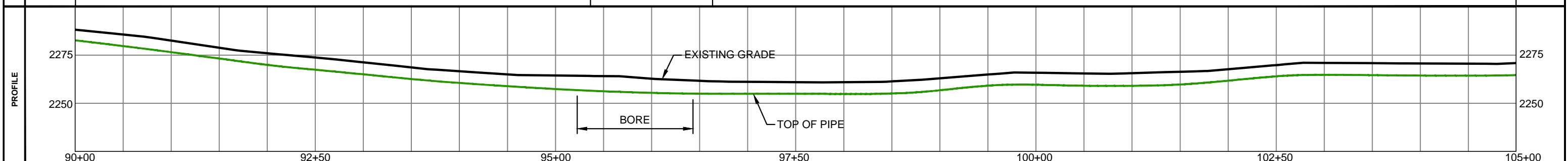


WILLIAMS COUNTY

0 50 100

SCALE: 1"=100' (H)
1"=100' (V)

MATERIALS	STA 90+00	①	STA 95+35	②	STA 96+59	①	STA 105+00
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LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
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2	124'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

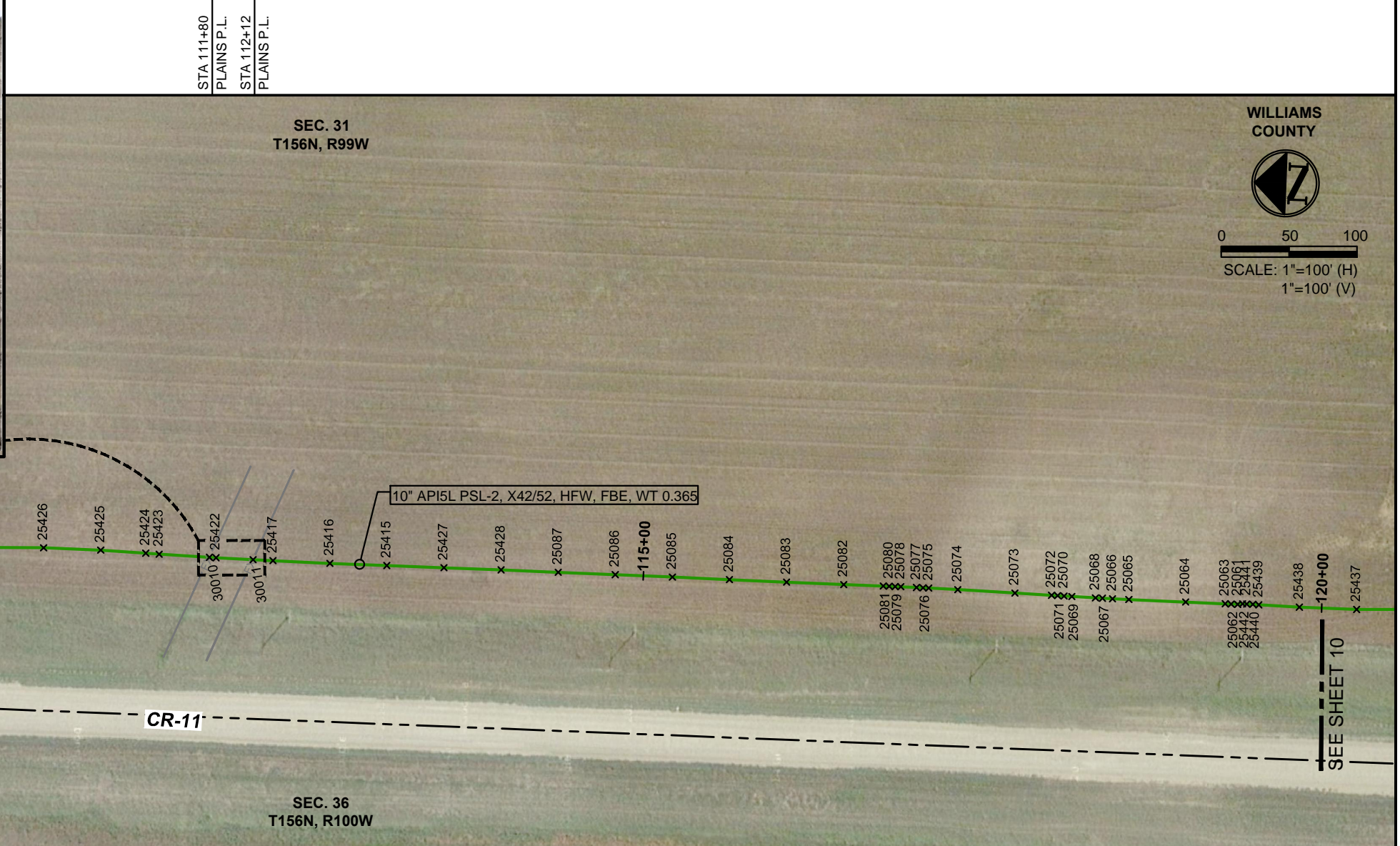
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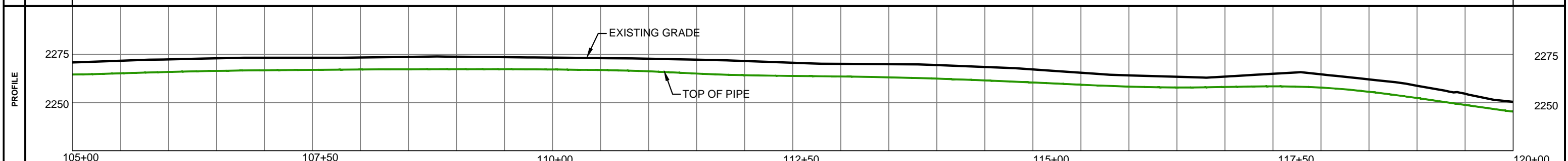
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WILLIAMS COUNTY

0 50 100
 SCALE: 1"=100' (H)
 1"=100' (V)

MATERIALS	STA 105+00 STA 120+00
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LEGEND

<ul style="list-style-type: none"> --- SECTION LINE --- PROPERTY LINE --- DISPOSAL WATER --- OIL --- BORE SEGMENT --- FX FOREIGN XING AS NOTED --- UE UNDERGROUND ELECTRIC 	<ul style="list-style-type: none"> --- FENCE LINE --- ISOLATION VALVE --- BLOCK VALVE --- PIG LAUNCHER --- PIG RECEIVER --- OCP CATHODIC PROT. STATION --- OTW TRACER WIRE STATION
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MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,500'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	---	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

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SUMMIT MIDSTREAM
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 Denver, CO 80202

DRAWN BY: KV	CHECKED BY: TA	APPROVED BY: TA	JOB NO: SB12	CONTACT: D. Blikre	DATE: 12.10.14	SHEET NO: 9 of 31	REV: 0
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OWNERSHIP	STA 120+00	BETTY M. CHRISTOPHERSON ETAL LOTS 1 & 2 SEC31, T156N, R990W 236.18 LF/14.31 RODS	STA 122+36.18	CAROLINE THOM LOTS 3 & 4 SEC31 T156N, R99W 1,263.82 LF/76.60 RODS	STA 135+00
	STATIONING	STA 121+75 BORE WALL	STA 122+93 BORE WALL		

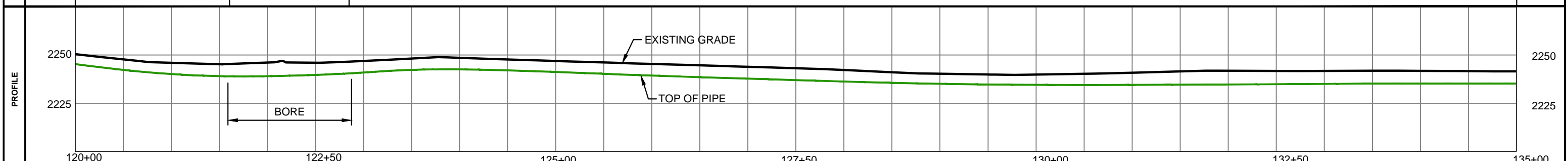


WILLIAMS COUNTY

0 50 100

SCALE: 1"=100' (H)
1"=100' (V)

MATERIALS	STA 120+00	①	STA 121+69	②	STA 122+93	①	STA 135+00



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UE		TRACER WIRE STATION

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1	1,376'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
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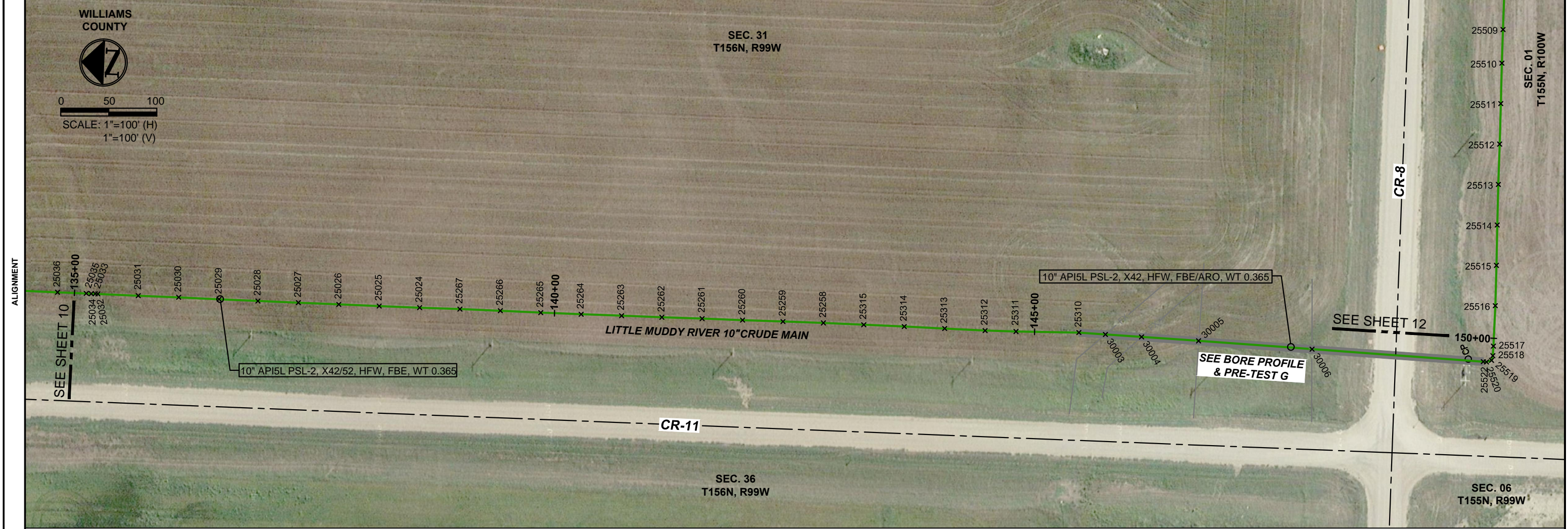
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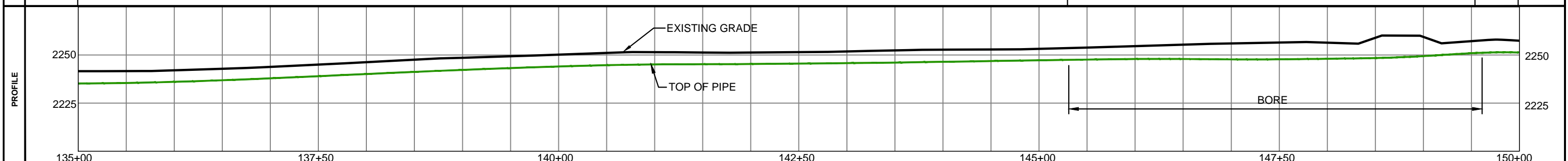
DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO. 10 of 31 REV 0

OWNERSHIP	STA 135+00	CAROLINE THOM LOTS 3 & 4 SEC 31, T156N, R99W 1,376.60 LF/83.43 RODS	MILTON & LEONA SMITH FAMILY TRUST SW1/4 & SE1/4 EX S1/2SE1/4SE1/4SE1/4 SEC 31, T156N, R99W 123.40 LF/7.48 RODS	STA 148+76.60	STA 150+00
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STATIONING			STA 145+46 BORE WALL	STA 145+74 UNK CABLE	STA 146+12 ENBRIDGE	STA 146+71 UNK CABLE	STA 147+89 ENBRIDGE	STA 149+68 BORE WALL
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MATERIALS	STA 135+00	①	STA 145+46	②	STA 149+71	①	STA 150+00
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LEGEND	
	SECTION LINE
	PROPERTY LINE
	DISPOSAL WATER
	OIL
	BORE SEGMENT
	FOREIGN XING AS NOTED
	UNDEGROUND ELECTRIC
	FENCE LINE
	ISOLATION VALVE
	BLOCK VALVE
	PIG LAUNCHER
	PIG RECEIVER
	CATHODIC PROT. STATION
	TRACER WIRE STATION

MATERIAL SUMMARY		
MARK	QTY.	DESCRIPTION
1	1,075'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	425'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS	
NO.	DATE

CHIPPEWA RESOURCES
1408 20th Avenue SW, Suite 6
Minot, ND 58703

**LITTLE MUDDY RIVER PIPELINE
10" MAIN - PHASE 2
PIPELINE AS BUILT**

SUMMIT MIDSTREAM
999 18th Street, Suite 3400S,
Denver, CO 80202

DRAWN BY: KV	CHECKED BY: TA	APPROVED BY: TA	JOB NO: SB12	CONTACT: D. Blikre	DATE: 12.10.14	SHEET NO: 11 of 31	REV: 0
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OWNERSHIP: DENNIS & DIANE BELLET
 LOTS 1,2,3 & 4
 SEC.6 T155N, R99W
 1500 LF/90.91 RODS

STATIONING: STA 150+00 to STA 165+00

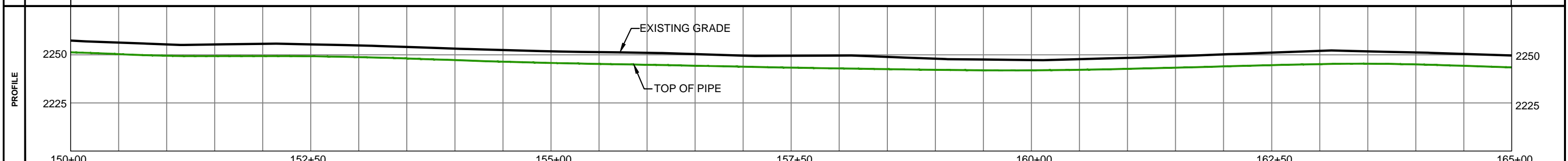


WILLIAMS COUNTY

0 50 100

SCALE: 1"=100' (H)
1"=100' (V)

MATERIALS: STA 150+00 to STA 165+00



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,500'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	---	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
 1408 20th Avenue SW, Suite 6
 Minot, ND 58703

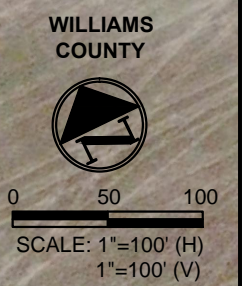
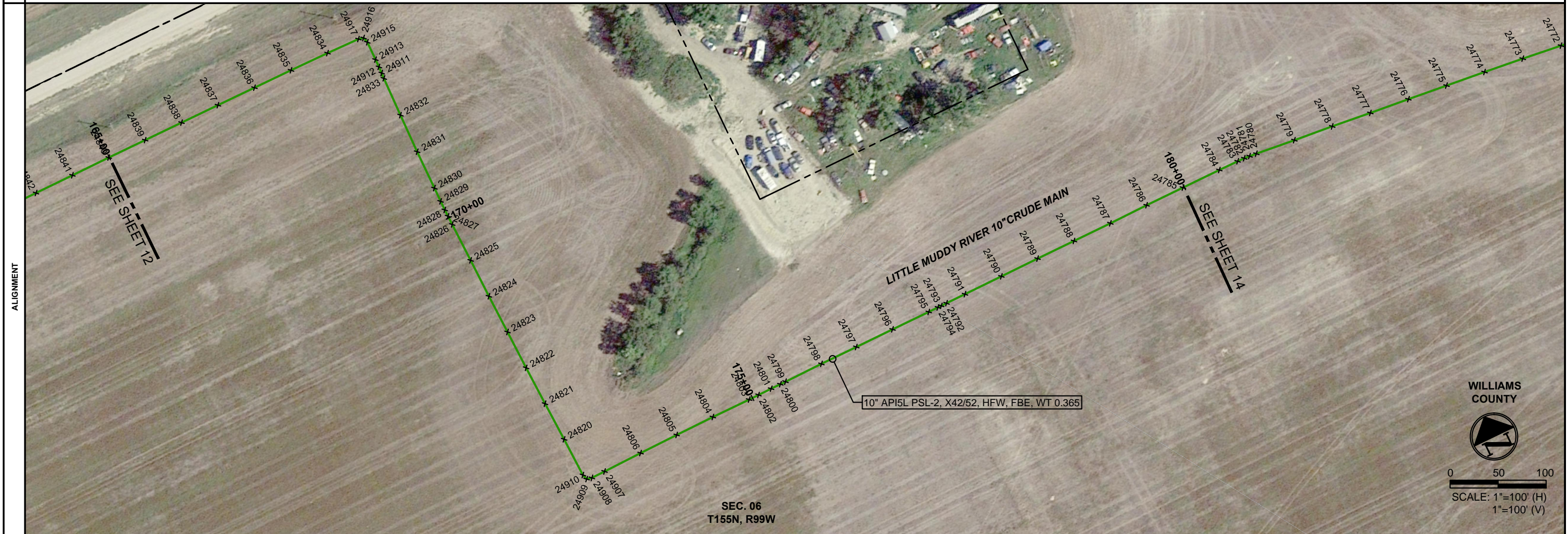
**LITTLE MUDDY RIVER PIPELINE
 10" MAIN - PHASE 2
 PIPELINE AS BUILT**

SUMMIT MIDSTREAM
 999 18th Street, Suite 3400S,
 Denver, CO 80202

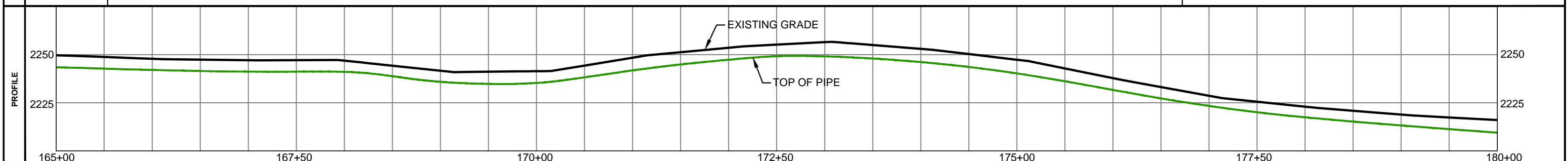
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OWNERSHIP: DENNIS & DIANE BELLET
 LOTS 1,2,3 & 4
 SEC.6, T155N, R99W
 1,500 LF/90.91 RODS

STATIONING: STA 165+00 to STA 180+00



MATERIALS: STA 165+00 to STA 180+00



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,500'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	---	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
 1408 20th Avenue SW, Suite 6
 Minot, ND 58703

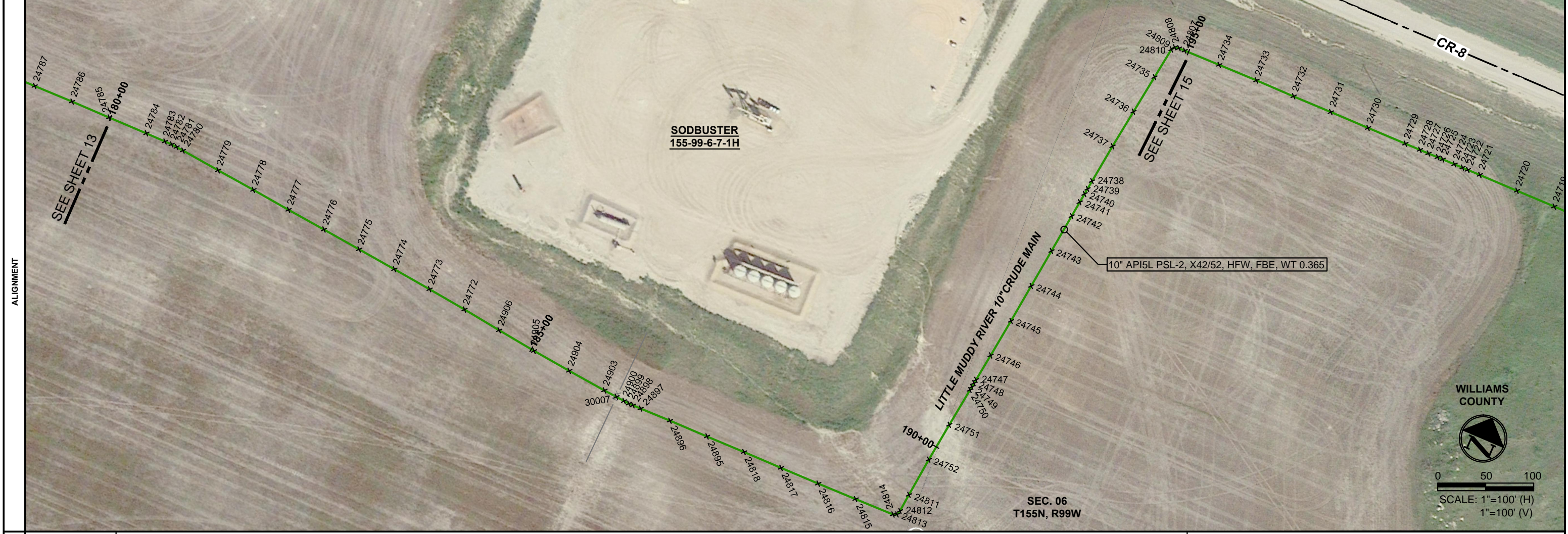
**LITTLE MUDDY RIVER PIPELINE
 10" MAIN - PHASE 2
 PIPELINE AS BUILT**

SUMMIT MIDSTREAM
 999 18th Street, Suite 3400S,
 Denver, CO 80202

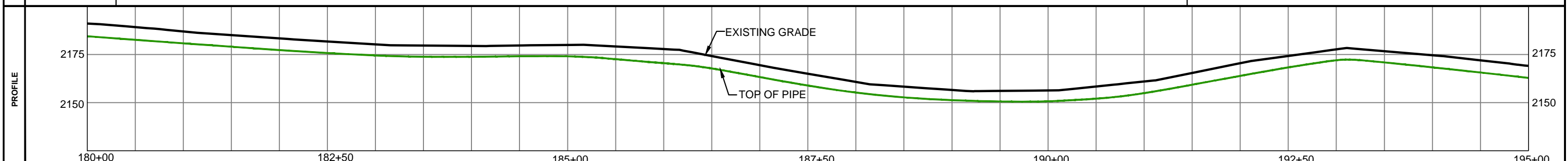
DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO: 13 of 31 REV: 0

OWNERSHIP: STA 180+00 | DENNIS & DIANE BELLET | LOTS 1,2,3 & 4 | SEC.6, T155N, R99W | 1,500 LF/90.91 RODS | STA 195+00

STATIONING: STA 186+01 ONEOK 8" POLY



MATERIALS: STA 180+00 | ① | STA 195+00



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UE UNDEGROUND ELECTRIC		OTW TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,500'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	-----	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
 1408 20th Avenue SW, Suite 6
 Minot, ND 58703

**LITTLE MUDDY RIVER PIPELINE
 10" MAIN - PHASE 2
 PIPELINE AS BUILT**

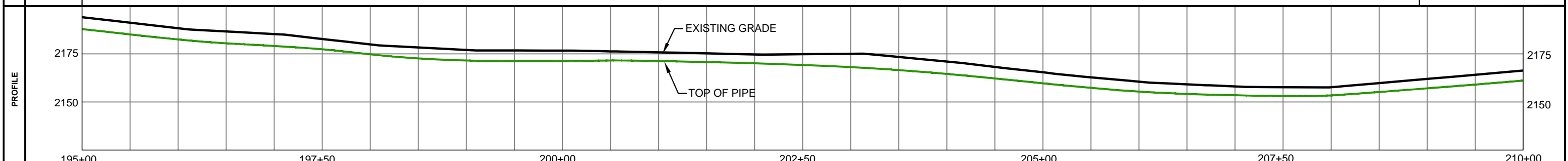
SUMMIT MIDSTREAM
 999 18th Street, Suite 3400S,
 Denver, CO 80202

DRAWN BY: KV | CHECKED BY: TA | APPROVED BY: TA | JOB NO: SB12 | CONTACT: D. Blikre | DATE: 12.10.14 | SHEET NO: 14 of 31 | REV: 0

OWNERSHIP: STA 195+00 **DENNIS & DIANE BELLET** STA 210+00
LOTS 1,2,3 & 4
SEC.6, T155N, R99W
1,500 LF/90.91 RODS



MATERIALS: STA 195+00 **①** STA 210+00



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UE UNDEGROUND ELECTRIC		OTW TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,500'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	-----	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

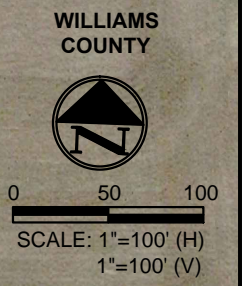
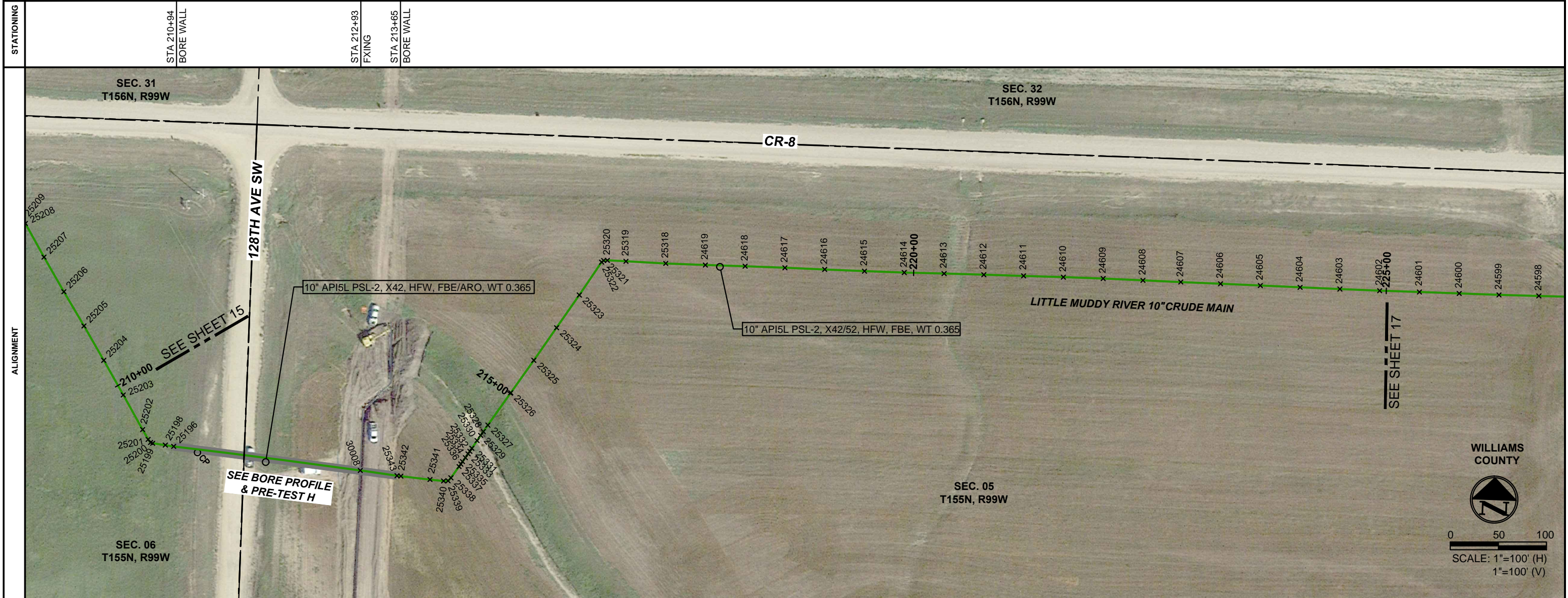
CHIPPEWA RESOURCES
 1408 20th Avenue SW, Suite 6
 Minot, ND 58703

**LITTLE MUDDY RIVER PIPELINE
 10" MAIN - PHASE 2
 PIPELINE AS BUILT**

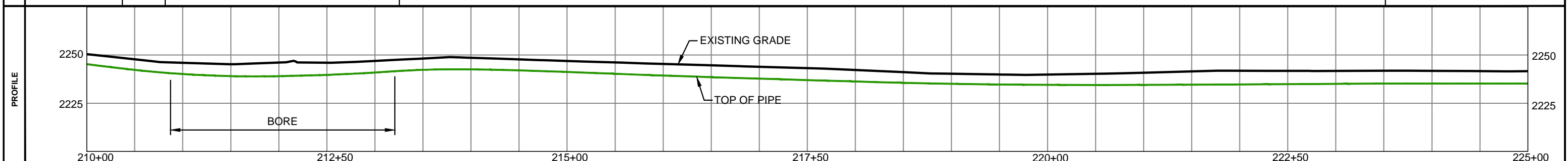
SUMMIT MIDSTREAM
 999 18th Street, Suite 3400S,
 Denver, CO 80202

DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA
 JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO: 15 of 31 REV: 0

OWNERSHIP	STA 210+00	DENNIS & DIANE BELLET LOTS 1,2,3 & 4 SEC.6, T155N, R99W 169.38 LF/10.27 RODS	STA 211+69.38	MARK WESTPHAL LOTS 1,2,3 & 4 SEC.5, T155N, R99W 1,330 LF/80.64 RODS	STA 225+00
	STATIONING	STA 210+94 BORE WALL	STA 212+93 FXING	STA 213+65 BORE WALL	



MATERIALS	STA 210+00	①	②	①	STA 225+00
	STA 210+85				



LEGEND	
	SECTION LINE
	PROPERTY LINE
	DISPOSAL WATER
	OIL
	BORE SEGMENT
	FOREIGN XING AS NOTED
	UE UNDEGROUND ELECTRIC
	FENCE LINE
	ISOLATION VALVE
	BLOCK VALVE
	PIG LAUNCHER
	PIG RECEIVER
	CATHODIC PROT. STATION
	TRACER WIRE STATION

MATERIAL SUMMARY		
MARK	QTY.	DESCRIPTION
1	1,249	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	251	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS	
NO.	DATE

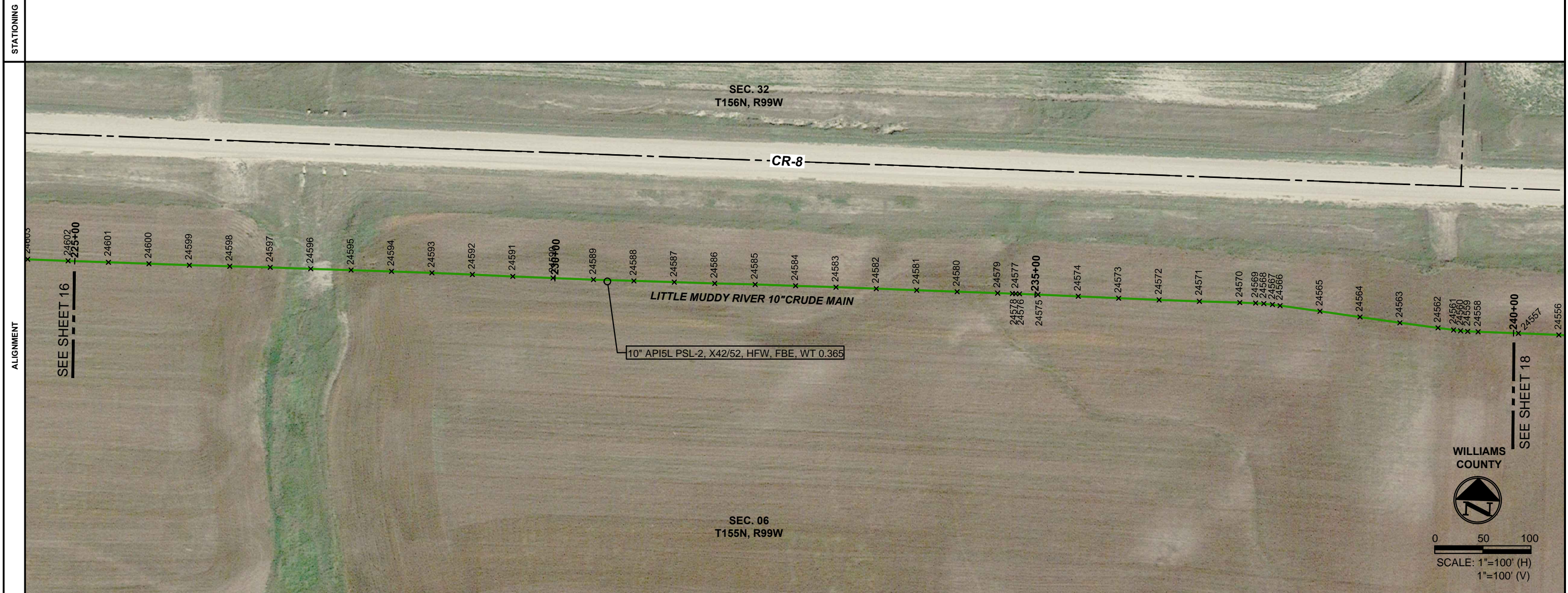
CHIPPEWA RESOURCES
1408 20th Avenue SW, Suite 6
Minot, ND 58703

**LITTLE MUDDY RIVER PIPELINE
10" MAIN - PHASE 2
PIPELINE AS BUILT**

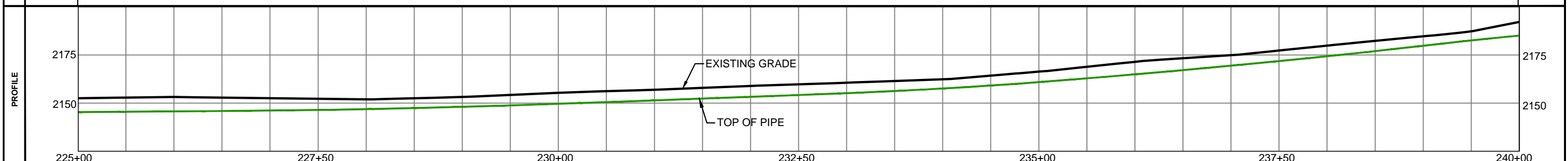
SUMMIT MIDSTREAM
999 18th Street, Suite 3400S,
Denver, CO 80202

DRAWN BY: KV	CHECKED BY: TA	APPROVED BY: TA	JOB NO: SB12	CONTACT: D. Blikre	DATE: 12.10.14	SHEET NO: 16 of 31	REV: 0
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OWNERSHIP: STA 225+00
 MARK WESTPHAL
 LOTS 1,2,3 & 4
 SEC.5, T155N, R99W
 1500 LF/90.91 RODS
 STA 240+00



MATERIALS: STA 225+00
 ①
 STA 240+00



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,500'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	---	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
 1408 20th Avenue SW, Suite 6
 Minot, ND 58703

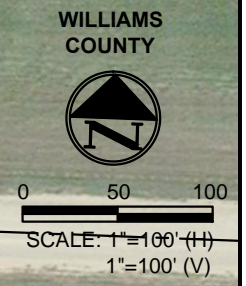
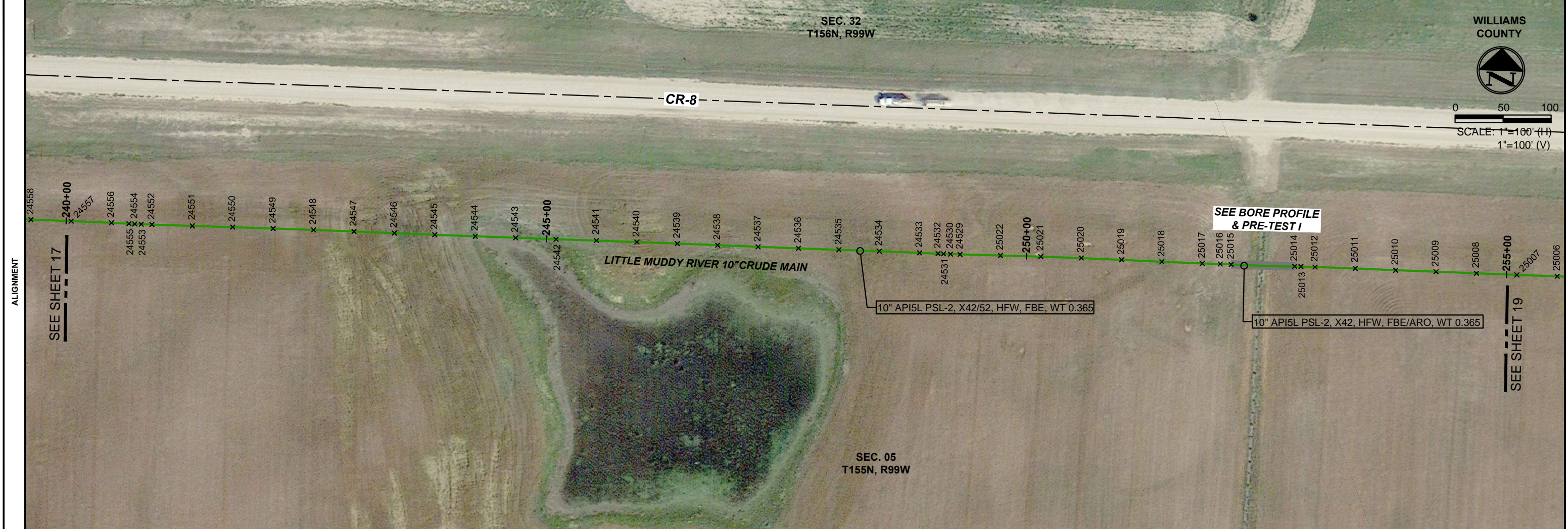
**LITTLE MUDDY RIVER PIPELINE
 10" MAIN - PHASE 2
 PIPELINE AS BUILT**

SUMMIT MIDSTREAM
 999 18th Street, Suite 3400S,
 Denver, CO 80202

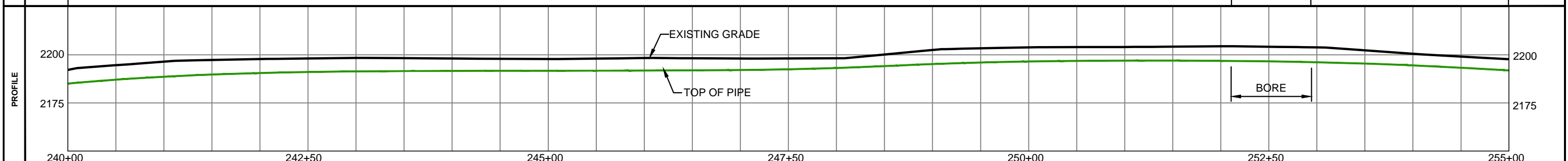
DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO. 17 of 31 REV 0

OWNERSHIP: STA 240+00
 MARK WESTPHAL
 LOTS 1,2,3 & 4
 SEC.5, T155N, R99W
 1500 LF/90.91 RODS
 STA 255+00

STATIONING: STA 252+13 BORE WALL
 STA 252+79 BORE WALL



MATERIALS: STA 240+00 (1) STA 252+02 (2) STA 252+86 (1) STA 255+00



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,416'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	84'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

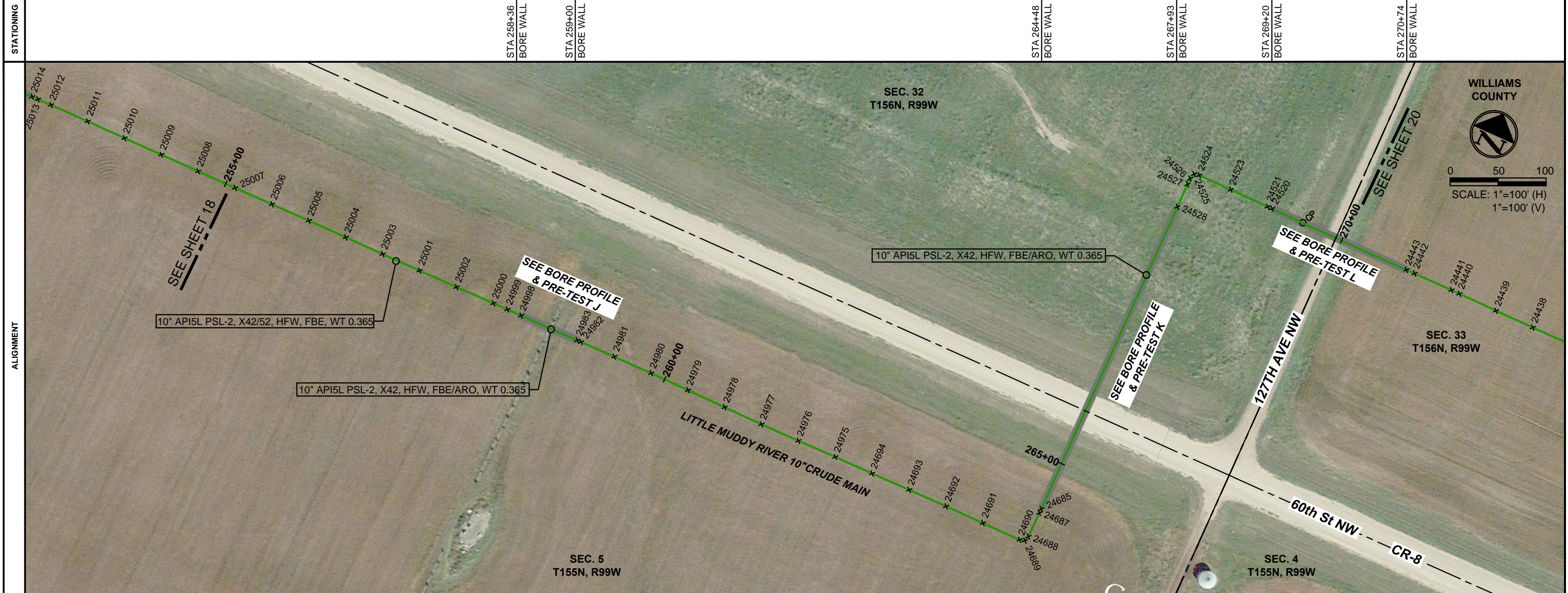
CHIPPEWA RESOURCES
 1408 20th Avenue SW, Suite 6
 Minot, ND 58703

**LITTLE MUDDY RIVER PIPELINE
 10" MAIN - PHASE 2
 PIPELINE AS BUILT**

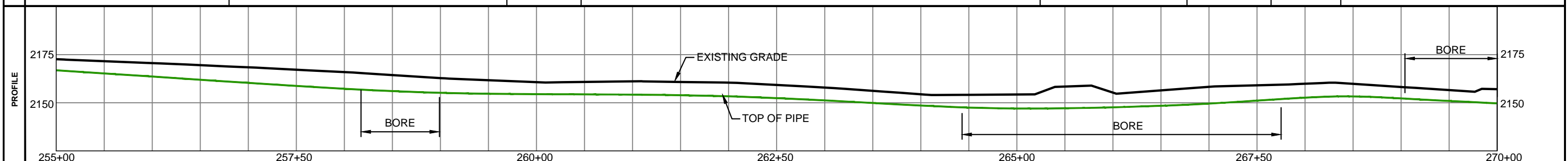
SUMMIT MIDSTREAM
 999 18th Street, Suite 3400S,
 Denver, CO 80202

DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO. 18 of 31 REV 0

OWNERSHIP	STA 255+00	MARK WESTPHAL LOTS 1,2,3 & 4 SEC.5, T155N, R99W 1,060.21 LF/64.26 RODS		STA 265+60.21	MARK WESTPHAL SE 1/4 SE 1/4 SEC.32, T156N, R99W 413.17 LF/26.25 RODS		STA 269+93.38 STA 270+00	IRGENS FAMILY TRUST S 1/2 SW 1/4 SEC.33, T156N, R99W 6.62 LF/0.40 RODS	
	STATIONING	STA.258+36 BORE WALL	STA.259+00 BORE WALL	STA.264+48 BORE WALL	STA.267+93 BORE WALL	STA.269+20 BORE WALL	STA.270+74 BORE WALL		



MATERIALS	STA 255+00	①	STA 258+21	②	STA 259+04	①	STA 264+43	②	STA 268+18	①	STA 269+15	②	STA 270+00
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LEGEND

--- SECTION LINE	--- FENCE LINE
--- PROPERTY LINE	--- ISOLATION VALVE
--- DISPOSAL WATER	--- BLOCK VALVE
--- OIL	--- PIG LAUNCHER
--- BORE SEGMENT	--- PIG RECEIVER
--- FX FOREIGN XING AS NOTED	--- OCP CATHODIC PROT. STATION
--- UE UNDEGROUND ELECTRIC	--- OTW TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	957'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	543'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

1408 20th Avenue SW, Suite 6
Minot, ND 58703

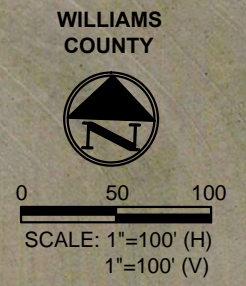
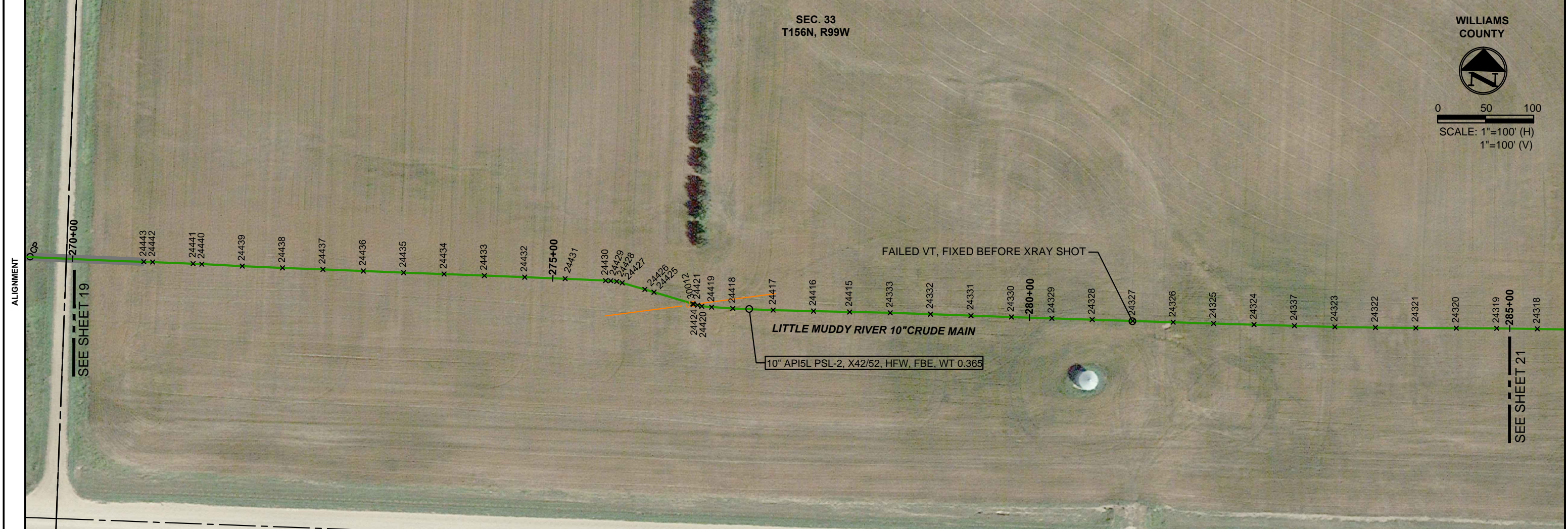
**LITTLE MUDDY RIVER PIPELINE
10" MAIN - PHASE 2
PIPELINE AS BUILT**

999 18th Street, Suite 3400S,
Denver, CO 80202

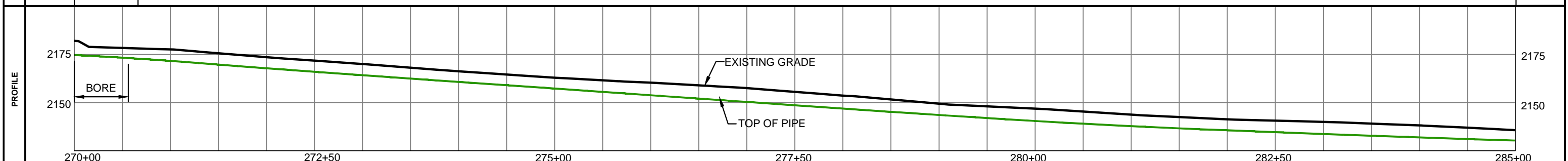
DRAWN BY: KV	CHECKED BY: TA	APPROVED BY: TA	JOB NO: SB12	CONTACT: D. Blikre	DATE: 12.10.14	SHEET NO: 19 of 31	REV: 0
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OWNERSHIP: STA 270+00 **IRGENS FAMILY TRUST** S 1/2 SW 1/4 SEC.33, T156N, R99W 1,500 LF/90.91 RODS STA 285+00

STATIONING: STA 270+69 BORE WALL STA 276+44 ELEC



MATERIALS: STA 270+00 (2) STA 270+78 (1) STA 285+00



LEGEND

	SECTION LINE		FENCE LINE
	PROPERTY LINE		ISOLATION VALVE
	DISPOSAL WATER		BLOCK VALVE
	OIL		PIG LAUNCHER
	BORE SEGMENT		PIG RECEIVER
	FOREIGN XING AS NOTED		CATHODIC PROT. STATION
	UNDEGROUND ELECTRIC		TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	1,422'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	78'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
 1408 20th Avenue SW, Suite 6
 Minot, ND 58703

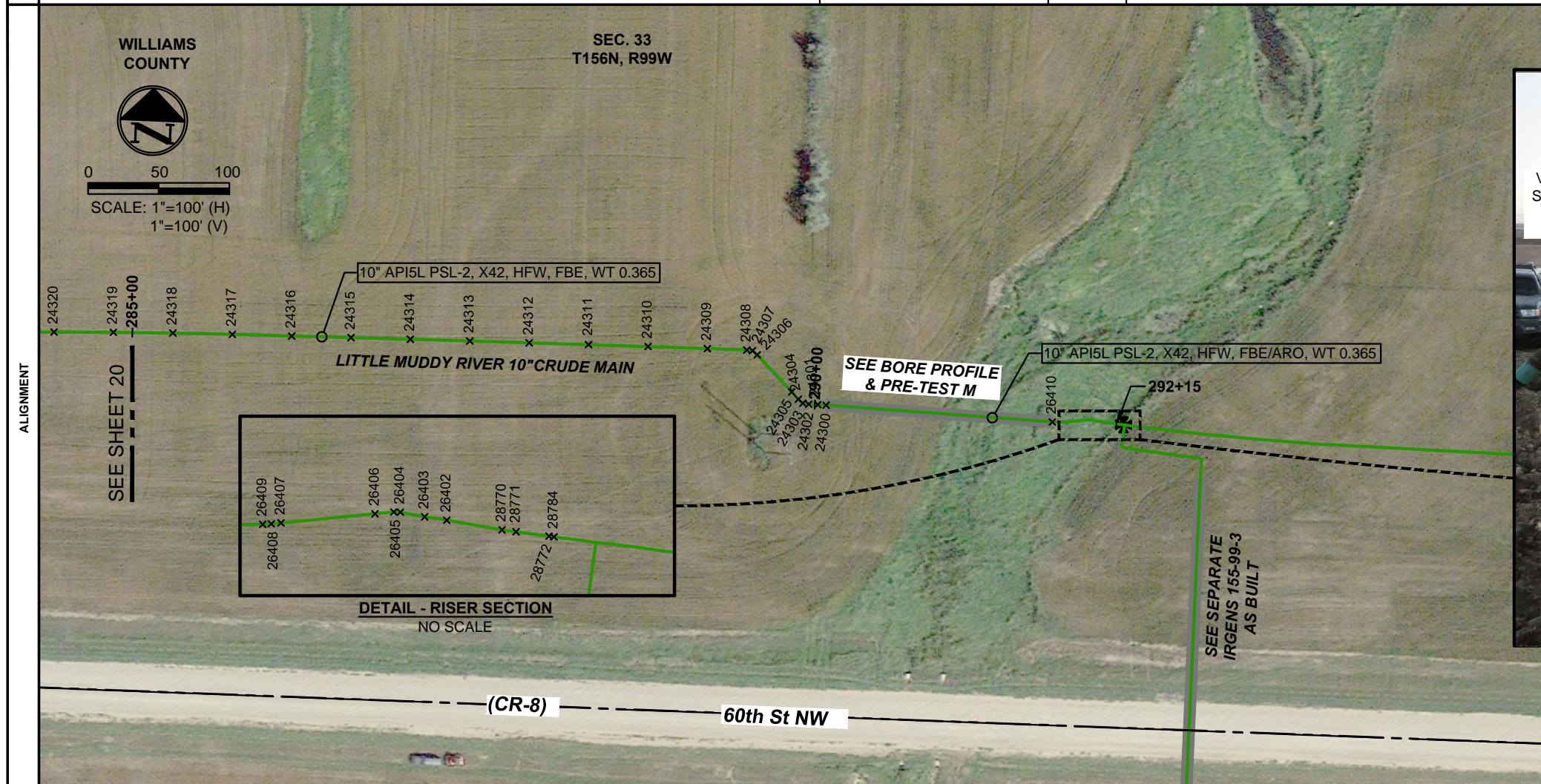
**LITTLE MUDDY RIVER PIPELINE
 10" MAIN - PHASE 2
 PIPELINE AS BUILT**

SUMMIT MIDSTREAM
 999 18th Street, Suite 3400S,
 Denver, CO 80202

DRAWN BY: KV CHECKED BY: TA APPROVED BY: TA JOB NO: SB12 CONTACT: D. Blikre DATE: 12.10.14 SHEET NO. 20 of 31 REV 0

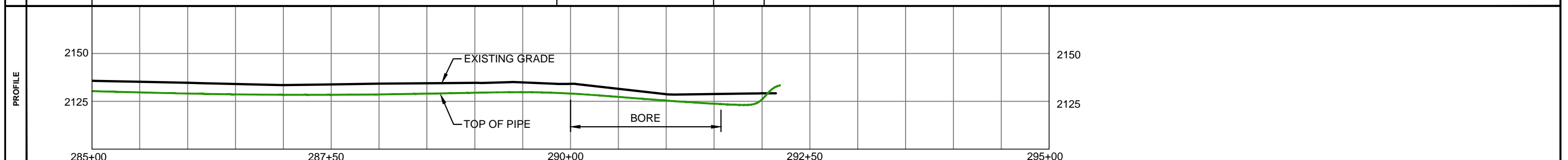
OWNERSHIP: STA 285+00 | IRGENS FAMILY TRUST | S 1/2 SW 1/4 | SEC.33, T156N, R99W | 715 LF/43.33 RODS | STA 292+15

STATIONING: STA 290+08 BORE WALL | STA 291+68 BORE WALL | STA 292+15 VALVE SET



#1 TEST LIMIT BOUNDARY

MATERIALS: STA 285+00 (1) | STA 290+02 (2) | STA 291+68 (1) | STA 292+15



LEGEND

---	SECTION LINE	—x—x—	FENCE LINE
---	PROPERTY LINE	⊕	ISOLATION VALVE
---	DISPOSAL WATER	⊕	BLOCK VALVE
---	OIL	⊕	PIG LAUNCHER
---	BORE SEGMENT	⊕	PIG RECEIVER
---	FOREIGN XING AS NOTED	⊕	CATHODIC PROT. STATION
---	UE	⊕	TRACER WIRE STATION

MATERIAL SUMMARY

MARK	QTY.	DESCRIPTION
1	549'	10" API5L PSL-2, X42/52, HFW, FBE, WT 0.365
2	166'	10" API5L PSL-2, X42, HFW, FBE/ARO, WT 0.365

REVISIONS

NO.	DATE	DESCRIPTION

CHIPPEWA RESOURCES
1408 20th Avenue SW, Suite 6
Minot, ND 58703

LITTLE MUDDY RIVER PIPELINE 10" MAIN - PHASE 2 PIPELINE AS BUILT

SUMMIT MIDSTREAM
999 18th Street, Suite 3400S,
Denver, CO 80202

DRAWN BY: KV | CHECKED BY: TA | APPROVED BY: TA | JOB NO: SB12 | CONTACT: D. Blikre | DATE: 12.10.14 | SHEET NO: 21 of 31 | REV: 0

PROJECT	LOCATON	CONTRACTOR	INSPECTION CO	PROJECT START DATE	PROJECT FINISH DATE	GPS FILE	GPS SHOT NO	WELD NO	DEPTH COVER	WPS	JOINT NO BACK	HEAT NO BACK	DATE VSUAL INSPECTION	VSUAL ACCEPTED	PIPE DIA.	LENGTH	CUTOFF	TOTAL PIPE	WALL THICKNESS	XRAY STATUS	COATING SURFACE PREP	WELD COATING	SHRINK SLEEVE JEEPPED AND ACCEPTED DATE	PIPE COATING	COATING FINAL ACCEPTANCE	PIPE CONTENTS	PIPE SPEC.	SEAM TYPE	SMYS	PIPE TYPE	NOTES REMARKS	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/23/2014	LITTLE MUDDY RIVER	28870	FLANGE	AG	N/A	10" X 6" FLANGE	N425T14	N/A	N/A	10	0.5	0	0.5	0.365	N/A	N/A	DURAPLATE 235 EPOXY	N/A	DURAPLATE 235 EPOXY	ACCEPTED	CRUDE	B16.5	SMLS	Y52	CARBON SL	VALVESET	493336.371	1240934.849	2242.336	48.31371763	-103.4907669
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/24/2014	LITTLE MUDDY RIVER	28868	LMF-21	AG	API-4	10 X 6 TEE	X584J	11/14/14	ACC	10	1.5	0	2	0.365	ACC	SSPC-SP3	DURAPLATE 235 EPOXY	N/A	DURAPLATE 235 EPOXY	ACCEPTED	CRUDE	B16.5	SMLS	Y52	CARBON SL	VALVESET	493336.361	1240935.377	2241.945	48.31371766	-103.4907647
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/25/2014	LITTLE MUDDY RIVER	28864	LMF-21	AG	API-4	10 X 6 TEE	X584J	11/14/14	ACC	10	1.5	0	3.5	0.365	ACC	SSPC-SP3	DURAPLATE 235 EPOXY	N/A	DURAPLATE 235 EPOXY	ACCEPTED	CRUDE	B16.5	SMLS	Y52	CARBON SL	VALVESET	493336.339	1240936.791	2241.939	48.31371775	-103.4907589
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/26/2014	LITTLE MUDDY RIVER	28862	LMF-20	AG	API-4	SMLS PIPE	T11557	11/14/14	ACC	10	2	0	5.5	0.365	ACC	SSPC-SP3	DURAPLATE 235 EPOXY	N/A	DURAPLATE 235 EPOXY	ACCEPTED	CRUDE	B16.5	SMLS	X52	CARBON SL	VALVESET	493336.319	1240938.186	2241.954	48.31371784	-103.4907532
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/27/2014	LITTLE MUDDY RIVER	28861	LMF-19	AG	API-4	10 X 6 TEE	X584J	11/14/14	ACC	10	1.5	0	7	0.365	ACC	SSPC-SP3	DURAPLATE 235 EPOXY	N/A	DURAPLATE 235 EPOXY	ACCEPTED	CRUDE	B16.5	SMLS	Y52	CARBON SL	VALVESET	493336.34	1240940.181	2241.951	48.31371811	-103.4907475
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/28/2014	LITTLE MUDDY RIVER	28859	LMF-18	AG	API-4	10" X 6" FLANGE	A694F52WZR	11/14/14	ACC	10	0.5	0	7.5	0.365	ACC	SSPC-SP3	DURAPLATE 235 EPOXY	N/A	DURAPLATE 235 EPOXY	ACCEPTED	CRUDE	B16.5	SMLS	Y52	CARBON SL	VALVESET	493336.352	1240941.574	2241.947	48.31371829	-103.4907392
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/29/2014	LITTLE MUDDY RIVER	28873	FLANGE	AG	N/A	10" X 6" FLANGE	A694F52WZR	N/A	N/A	10	0.5	0	8	0.365	N/A	N/A	DURAPLATE 235 EPOXY	N/A	DURAPLATE 235 EPOXY	ACCEPTED	CRUDE	B16.5	SMLS	Y52	CARBON SL	VALVESET	493336.348	1240942.131	2242.334	48.31371834	-103.4907337
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/30/2014	LITTLE MUDDY RIVER	28852	LMF-17	AG	API-4	45" HB	Z90214	11/14/14	ACC	10	8.5	0	16.5	0.365	ACC	SSPC-SP3	DURAPLATE 235 EPOXY	N/A	DURAPLATE 235 EPOXY	ACCEPTED	CRUDE	B16.5	SMLS	X42	CARBON SL	VALVESET	493336.342	1240942.653	2241.941	48.31371838	-103.4907347
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/1/2014	LITTLE MUDDY RIVER	28850	LMF-16	AG	API-4	361	2168470915	11/14/14	ACC	10	6.3	0	22.8	0.365	ACC	SSPC-SP3	DURAPLATE 235 EPOXY	N/A	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493336.267	1240949.623	2238.389	48.31371891	-103.4907062
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/2/2014	LITTLE MUDDY RIVER	28837	LMF-15	AG	API-4	45" HB	Z90214	11/14/14	ACC	10	8.5	0	31.3	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	4000 Volts/11.21.14	DURAPLATE 235 EPOXY	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493336.215	1240953.353	2238.77097	48.31371922	-103.4906884
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/3/2014	LITTLE MUDDY RIVER	28395	BLMT-241	AG	API-4	73	2174100915	11/14/14	ACC	10	42.1	20.4	53	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	4000 Volts/11.21.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493336.0254	1240960.325	2232.24655	48.31371939	-103.4906622
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/4/2014	LITTLE MUDDY RIVER	28392	BLMT-236	7.1	API-4	114	2162770915	11/18/14	ACC	10	42.1	0	95.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493336.0254	1240961.702	2232.58327	48.31372166	-103.4905744
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/5/2014	LITTLE MUDDY RIVER	28391	BLM-830	Z	API-4	235	2165230915	11/17/14	ACC	10	42.1	0	137.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493335.2575	1241023.627	2233.61286	48.31372403	-103.4904021
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/6/2014	LITTLE MUDDY RIVER	28372	BLM-829	Z	API-4	178	2150830915	11/17/14	ACC	10	42.1	0	179.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493332.841	1241065.471	2234.83528	48.31372186	-103.4902299
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/7/2014	LITTLE MUDDY RIVER	28371	BLM-828	5.2	API-4	115	2162770915	11/17/14	ACC	10	42.1	0	221.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493330.8891	1241107.305	2235.47217	48.31372093	-103.490057
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/8/2014	LITTLE MUDDY RIVER	28370	BLM-827	5.0	API-4	322	2156290915	11/17/14	ACC	10	42.1	25.8	237.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493328.6909	1241149.566	2235.38502	48.31371944	-103.4898389
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/8/2014	LITTLE MUDDY RIVER	28369	BLM-820	5.0	API-4	205	2150830915	11/19/14	ACC	10	42	0	237.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493327.8976	1241165.931	2235.41336	48.31371901	-103.4898166
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/11/2014	LITTLE MUDDY RIVER	28368	BLMT-238	5.0	API-4	281	2162770915	11/18/14	ACC	10	42.1	0	321.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.19.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493325.7736	1241201.844	2234.72247	48.31371765	-103.4896441
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/11/2014	LITTLE MUDDY RIVER	28367	BLM-237	5.3	API-4	299	2150830915	11/18/14	ACC	10	42.1	0	363.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.19.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493323.5742	1241249.897	2234.56939	48.3137161	-103.4894711
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/12/2014	LITTLE MUDDY RIVER	28366	BLMT-239	6.0	API-4	68	SQ94778	11/19/14	ACC	10	42.1	0	406	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFW	X42	CARBON SL	BORE SECTION #11	493322.0403	1241280.433	2234.57284	48.31371515	-103.4893454
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/13/2014	LITTLE MUDDY RIVER	28063	BLMB-46R	7.3	API-4	6	SQ94778	9/22/14	ACC	10	42.1	0	448.1	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	10000 Volts / 9.23.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFW	X42	CARBON SL	BORE SECTION #11	493320.0073	1241322.481	2234.36002	48.31371406	-103.4891724
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/14/2014	LITTLE MUDDY RIVER	28062	BLMB-45	7.5	API-4	9	SQ94783	9/22/14	ACC	10	42.1	0	490.2	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	10000 Volts / 9.23.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFW	X42	CARBON SL	BORE SECTION #11	493317.8263	1241363.055	2234.1903	48.31371724	-103.4890055
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/15/2014	LITTLE MUDDY RIVER	28261	BLMT-233	6.4	API-4	367	2161720915	11/17/14	ACC	10	42.1	0	532.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.17.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493315.2669	1241405.634	2234.92519	48.31370992	-103.4888302
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/16/2014	LITTLE MUDDY RIVER	28260	BLMT-232	6.2	API-4	71	2156290915	11/17/14	ACC	10	42.1	0	574.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.17.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493313.1168	1241442.349	2234.73543	48.31370793	-103.4886791
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/17/2014	LITTLE MUDDY RIVER	28258	BLM-826	6.0	API-4	368	2162530915	11/17/14	ACC	10	42.1	0	616.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.12.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493311.483	1241484.368	2234.23991	48.31370793	-103.4885063
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/18/2014	LITTLE MUDDY RIVER	28257	BLM-825	5.9	API-4	76	2174100915	11/17/14	ACC	10	42.1	0	658.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.12.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493310.7138	1241536.446	2233.67804	48.3137103	-103.4883334
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/19/2014	LITTLE MUDDY RIVER	28255	BLM-824	6.0	API-4	438	2151240915	11/17/14	ACC	10	42.1	0	700.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.12.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493310.4877	1241568.534	2234.13036	48.31371415	-103.4881905
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/20/2014	LITTLE MUDDY RIVER	28253	BLM-823	5.2	API-4	323	2174290915	11/17/14	ACC	10	42.1	0	742.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.12.14	FBE	ACCEPTED	CRUDE	5L-0595	HFW	X42	CARBON SL		493309.0911	1241610.672	2233.74089	48.31371757	-103.4879874
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	12/21/2014	LITTLE MUDDY RIVER	28252	BLM-822	5.3	API-4	158	2162850915	11/17/14	ACC	10	42.1	0																			

PROJECT	LOCATION	CONTRACTOR	INSPECTION CO	PROJECT START DATE	PROJECT FINISH DATE	GPS FILE	GPS SHOT NO	WELD NO	DEPTH COVER	WPS	JOINT NO BACK	HEAT NO BACK	DATE VISUAL INSPECTION	VISUAL ACCEPTED	PIPE DIA.	LENGTH	CUTOFF	TOTAL PIPE	WALL THICKNESS	XRAY STATUS	COATING SURFACE PREP	WELD COATING	SHRINK SLEEVE ACCEPTED AND DATE	PIPE COATING	COATING FINAL ACCEPTANCE	PIPE CONTENTS	PIPE SPEC.	SEAM TYPE	SMYS	PIPE TYPE	NOTES REMARKS	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/19/2015	LITTLE MUDDY RIVER	26133	4" OB	5.2	NIA	6	2174100915	11/6/14	ACC	10	0	0	2881.3	0.365	NIA	NIA	NIA	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493232.1576	1243759.622	2247.11084	48.31373228	-103.4791502
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/20/2015	LITTLE MUDDY RIVER	26133	BLM-786	5.4	API-4	135	2174340915	11/6/14	ACC	10	42.1	0	2923.4	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493231.4606	1243782.145	2247.46517	48.31373276	-103.4790576
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/21/2015	LITTLE MUDDY RIVER	26131	5" OB	5.2	NIA	135	2174340915	11/6/14	ACC	10	0	0	2923.4	0.365	NIA	NIA	NIA	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493230.8093	1243802.525	2247.30309	48.31373314	-103.4789738
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/22/2015	LITTLE MUDDY RIVER	26129	BLM-785	5.4	API-4	68	2159870915	11/6/14	ACC	10	42.1	0	2965.5	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493230.0002	1243824.116	2246.58928	48.31373321	-103.4788851
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/23/2015	LITTLE MUDDY RIVER	26128	BLM-784	5.3	API-4	390	2165470915	11/6/14	ACC	10	42	0	3007.5	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493228.6186	1243866.18	2245.85005	48.31373389	-103.4787121
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/24/2015	LITTLE MUDDY RIVER	26126	4" SAG	5.5	NIA	391	2165470915	11/6/14	ACC	10	0	0	3007.5	0.365	NIA	NIA	NIA	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493228.2963	1243876.211	2242.85432	48.31373407	-103.4786709
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/25/2015	LITTLE MUDDY RIVER	26124	BLM-783	5.3	API-4	391	2165470915	11/6/14	ACC	10	42.1	0	3049.6	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493227.436	1243908.042	2240.93686	48.31373509	-103.47854
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/26/2015	LITTLE MUDDY RIVER	26122	3" SAG	6.6	NIA	391	2165470915	11/6/14	ACC	10	0	0	3049.6	0.365	NIA	NIA	NIA	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493226.1906	1243942.468	2238.91837	48.31373532	-103.4783984
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/27/2015	LITTLE MUDDY RIVER	26120	BLM-782	6.7	API-4	146	2162800915	11/6/14	ACC	10	42.1	0	3091.7	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL	STA 302+00	493225.9759	1243949.99	2238.74873	48.31373553	-103.4783675
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/28/2015	LITTLE MUDDY RIVER	26118	6" SAG	6.8	NIA	146	2162800915	11/6/14	ACC	10	0	0	3091.7	0.365	NIA	NIA	NIA	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493225.1341	1243972.33	2238.38711	48.31373556	-103.4782756
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/1/2015	LITTLE MUDDY RIVER	26116	BLM-781	6.2	API-4	437	2163760915	11/6/14	ACC	10	42.1	0	3133.8	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493224.4742	1243992.091	2238.67145	48.31373588	-103.4781944
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/2/2015	LITTLE MUDDY RIVER	26114	6" SAG	5.5	NIA	437	2163760915	11/6/14	ACC	10	0	0	3133.8	0.365	NIA	NIA	NIA	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493223.869	1244010.192	2238.11308	48.31373614	-103.4781199
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/3/2015	LITTLE MUDDY RIVER	26112	BLM-780R	5.2	API-4	168	2162030915	11/6/14	ACC	10	42.1	0	3175.9	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493223.0708	1244034.058	2240.34333	48.31373649	-103.4780218
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/4/2015	LITTLE MUDDY RIVER	26111	BLM-779	5.0	API-4	28	2162030915	11/6/14	ACC	10	42.1	0	3218	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493221.7365	1244076.973	2242.47992	48.31373729	-103.4778491
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/5/2015	LITTLE MUDDY RIVER	26109	4" OB	5.0	NIA	28	2162030915	11/6/14	ACC	10	0	0	3218	0.365	NIA	NIA	NIA	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493221.1737	1244092.944	2243.16909	48.31373753	-103.4777797
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/6/2015	LITTLE MUDDY RIVER	26107	BLM-805	5.3	API-4	29	2162780915	11/6/14	ACC	10	42.1	0	3260.1	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL	VT REJECT - LOW CAP/UNDERCUT - RPD BY DL	493220.4779	1244118.125	2243.68761	48.31373829	-103.4776762
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/7/2015	LITTLE MUDDY RIVER	26106	BLM-778	5.6	API-4	446	2165230915	11/6/14	ACC	10	42.1	0	3302.2	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493219.3063	1244160.187	2243.68288	48.31373954	-103.4775033
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/8/2015	LITTLE MUDDY RIVER	26105	BLM-777	5.2	API-4	150	2162030915	11/6/14	ACC	10	42.3	0	3345.5	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493217.8891	1244202.186	2244.07609	48.31374011	-103.4773306
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/9/2015	LITTLE MUDDY RIVER	26104	BLM-776	5.7	API-4	387	2156290915	11/6/14	ACC	10	42.2	0	3386.7	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493216.2451	1244244.239	2245.91449	48.31374007	-103.4771576
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/10/2015	LITTLE MUDDY RIVER	26103	BLM-775R	5.6	API-4	395	2162770915	11/6/14	ACC	10	42.2	0	3428.9	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL	STA 299+00	493214.4019	1244286.322	2246.98336	48.31373948	-103.4769845
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/11/2015	LITTLE MUDDY RIVER	26102	BLM-774	5.2	API-4	169	2163760915	11/6/14	ACC	10	42.1	0	3471	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493212.2237	1244328.329	2247.32122	48.31373796	-103.4768117
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/12/2015	LITTLE MUDDY RIVER	26101	BLM-773	5.6	API-4	454	2159870915	11/6/14	ACC	10	42.1	0	3513.1	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493210.3945	1244370.347	2247.81003	48.31373734	-103.4766388
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/13/2015	LITTLE MUDDY RIVER	26099	3" SAG	5.6	NIA	454	2159870915	11/6/14	ACC	10	0	0	3513.1	0.365	NIA	NIA	NIA	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493209.9071	1244382.757	2248.0169	48.31373738	-103.4765878
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/14/2015	LITTLE MUDDY RIVER	26097	BLM-772	5.3	API-4	459	2174100915	11/6/14	ACC	10	42.1	0	3555.2	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493208.7958	1244412.354	2248.97899	48.31373747	-103.4764661
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/15/2015	LITTLE MUDDY RIVER	26095	3" SAG	6.0	NIA	459	2174100915	11/6/14	ACC	10	0	0	3555.2	0.365	NIA	NIA	NIA	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493207.1795	1244446.657	2250.66711	48.313737	-103.4763126
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/16/2015	LITTLE MUDDY RIVER	26093	BLM-771R	5.9	API-4	249	2165230915	11/6/14	ACC	10	42	0	3597.2	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493206.9901	1244454.272	2251.03999	48.31373697	-103.4762936
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/17/2015	LITTLE MUDDY RIVER	26092	BLM-770	6.1	API-4	72	2163440915	11/6/14	ACC	10	42.1	0	3693.3	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493205.2251	1244486.271	2253.47088	48.31373658	-103.4761209
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/18/2015	LITTLE MUDDY RIVER	26091	BLM-769	5.8	API-4	379	2165230915	11/6/14	ACC	10	42.1	0	3681.4	0.365	NIA	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.13.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		493203.5312	1244538.163	2255.00448	48.31373638	-103.4759486
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/19/2015	LITTLE MUDDY RIVER	26090	BLM-768R																												

PROJECT	LOCATION	CONTRACTOR	INSPECTION CO	PROJECT START DATE	PROJECT FINISH DATE	GPS FILE	GPS SHOT NO	WELD NO	DEPTH COVER	WPS	JOINT NO BACK	HEAT NO BACK	DATE VISUAL INSPECTION	VISUAL ACCEPTED	PIPE DIA.	LENGTH	CUTOFF	TOTAL PIPE	WALL THICKNESS	XRAY STATUS	COATING SURFACE PREP	WELD COATING	SHRINK SLEEVE ACCEPTED DATE	PIPE COATING	COATING FINAL ACCEPTANCE	PIPE CONTENTS	PIPE SPEC.	SEAM TYPE	SMYS	PIPE TYPE	NOTES REMARKS	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/18/2015	LITTLE MUDDY RIVER	2589	BLM-729	6.9	API-4	59	SQ94783	11/6/14	ACC	10	42.1	0	5930.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		491388.1313	1244895.411	2263.22635	48.30880145	-103.4741934				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/19/2015	LITTLE MUDDY RIVER	2588	BLM-728	6.9	API-4	60	SQ94783	11/6/14	ACC	10	42.1	0	5973	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		491346.1032	1244893.719	2263.37062	48.30866614	-103.4741937				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/20/2015	LITTLE MUDDY RIVER	2587	BLM-764	7.1	API-4	61	SQ94783	11/6/14	ACC	10	42.1	0	6015.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	VT REJECT - UNDERCUT - RPD BY DL	491304.0136	1244892.097	2263.4852	48.30857068	-103.4741937				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/21/2015	LITTLE MUDDY RIVER	2586	BLM-727	6.7	API-4	57	SQ94783	11/6/14	ACC	10	42.1	0	6057.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		491261.9345	1244890.264	2264.1991	48.30845522	-103.4741945				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/22/2015	LITTLE MUDDY RIVER	2585	BLM-726	6.6	API-4	8	SQ94783	11/6/14	ACC	10	42.1	0	6099.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		491219.9348	1244888.755	2265.34523	48.30834003	-103.474194				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/23/2015	LITTLE MUDDY RIVER	2584	BLM-765	6.4	API-4	7	SQ94787	11/6/14	ACC	10	42.1	0	6141.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	VT REJECT - LOW CAP UNDERCUT - RPD BY DL	491177.9078	1244887.487	2266.74765	48.30822476	-103.4741926				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/24/2015	LITTLE MUDDY RIVER	2583	BLM-725	6.0	API-4	39	SQ94783	11/6/14	ACC	10	42.1	0	6183.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		491135.842	1244886.232	2266.50496	48.3081094	-103.4741911				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/25/2015	LITTLE MUDDY RIVER	2582	BLM-724	6.0	API-4	120	SQ94787	11/6/14	ACC	10	42.1	0	6226.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		491093.7677	1244884.983	2270.4174	48.30799402	-103.4741895				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/26/2015	LITTLE MUDDY RIVER	2581	BLM-723	6.3	API-4	40	SQ94783	11/6/14	ACC	10	42.1	3.9	6263.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		491051.7655	1244883.561	2272.05572	48.30787881	-103.4741887				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/27/2015	LITTLE MUDDY RIVER	2580	BLMT-211	6.4	API-4	146	SQ94783	11/7/14	ACC	10	7.8	0	6272.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		491013.579	1244882.006	2273.64553	48.30777405	-103.474189				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/28/2015	LITTLE MUDDY RIVER	2579	BLMT-210	6.1	API-4	45° HB	146	CW0087	11/7/14	ACC	10	8.8	0	6280.4	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	4000 Volts/11.1.14	BARE	ACCEPTED	CRUDE	SMLS	HFV	X42	CARBON SL		491004.8928	1244881.56	2274.23795	48.30775021	-103.4741895			
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/29/2015	LITTLE MUDDY RIVER	2578	BLMT-209	6.0	API-4	40	SQ94787	11/7/14	ACC	10	11.9	0	6292.3	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	4000 Volts/11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490997.8629	1244884.066	2274.62625	48.30773122	-103.4741781				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/30/2015	LITTLE MUDDY RIVER	2577	BLMT-208	5.7	API-4	76	SQ94787	11/7/14	ACC	10	42.1	0	6334.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490988.9769	1244892.02	2275.30901	48.30770772	-103.474144				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	5/31/2015	LITTLE MUDDY RIVER	2580	BLM-722	5.9	API-4	421	SQ94783	11/6/14	ACC	10	41	0	6374.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490957.6348	1244920.189	2275.29831	48.30762485	-103.4740234				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/1/2015	LITTLE MUDDY RIVER	2584	BLM-721	5.5	API-4	161	SQ94783	11/6/14	ACC	10	42.1	0	6417.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490926.6075	1244948.679	2277.95464	48.30754287	-103.4739015				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/2/2015	LITTLE MUDDY RIVER	2588	BLM-720	5.7	API-4	77	3113010915	11/6/14	ACC	10	42	0	6459.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		490896.3185	124977.814	2278.06113	48.30746299	-103.4737377				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/3/2015	LITTLE MUDDY RIVER	2587	BLM-719	6.2	API-4	5	3109740915	11/6/14	ACC	10	42	0	6501.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		490866.2134	1245007.167	2278.01507	48.30738363	-103.4736517				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/4/2015	LITTLE MUDDY RIVER	2586	BLM-718	6.3	API-4	49	SQ94787	11/6/14	ACC	10	42.1	0	6543.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490838.2951	1245036.679	2278.02455	48.30730408	-103.4735258				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/5/2015	LITTLE MUDDY RIVER	2584	BLM-717	6.5	API-4	56	SQ94783	11/6/14	ACC	10	42.1	0	6585.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490806.2863	1245066.208	2278.87301	48.30722573	-103.4733998				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/6/2015	LITTLE MUDDY RIVER	2582	BLM-716	6.1	API-4	74	SQ94783	11/6/14	ACC	10	42.1	0	6627.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490776.1841	1245095.619	2278.14228	48.30714638	-103.4732742				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/7/2015	LITTLE MUDDY RIVER	2581	BLMT-207	5.5	API-4	180	SQ94783	11/7/14	ACC	10	20.1	0	6647.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490746.8928	1245125.512	2278.68209	48.3070685	-103.4731468				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/8/2015	LITTLE MUDDY RIVER	2580	BLMT-206R	7.1	API-4	45° HB	C80050	11/7/14	ACC	10	7.8	0	6657.2	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	4000 Volts/11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490732.4903	1245139.852	2277.95666	48.30703138	-103.4730857				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/9/2015	LITTLE MUDDY RIVER	2588	BLMT-205	7.2	API-4	91	SQ94787	11/7/14	ACC	10	42.1	0	6697.8	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	4000 Volts/11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490725.6825	1245142.732	2277.82502	48.30701303	-103.4730728				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/10/2015	LITTLE MUDDY RIVER	2587	BLM-714	6.1	API-4	169	SQ94783	11/6/14	ACC	10	42.1	0	6739.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490683.5206	1245142.97	2277.76907	48.30689757	-103.4730651				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/11/2015	LITTLE MUDDY RIVER	2586	BLMT-198R	6.0	API-4	89	SQ94783	11/7/14	ACC	10	42.1	0	6792	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.10.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490641.5234	1245143.411	2278.87455	48.30678258	-103.4730566				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/12/2015	LITTLE MUDDY RIVER	2585	BLM-715	5.7	API-4	92	SQ94783	11/6/14	ACC	10	42.1	9.2	6814.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.7.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		490599.3901	1245143.622	2278.56026	48.30666719	-103.4730491				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/13/2015	LITTLE MUDDY RIVER	2584	BLMT-204	5.3	API-4	14	SQ94783	11/7/14	ACC	10	42.1	0	6857	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts/11.1.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	BORE SECTION #7	490566.4448	1245143.97	2280.17841	48.30657698	-103.4730424				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/14/2015	LITTLE MUDDY RIVER	2583	BLM-37	N/A	API-4	37	SQ94783	9/19/14	ACC	10	42.1	0	6899.1	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	10000 Volts/19.23.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	BORE SECTION #7									
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	6/15/2015	LITTLE MUDDY RIVER	2582	BLMB-36R	N/A	API-4	80	SQ94783	9/22/14	ACC	10	42.1	0	6941.2	0.365	ACC	SSPC-SP																			

PROJECT	LOCATION	CONTRACTOR	INSPECTION CO	PROJECT START DATE	PROJECT FINISH DATE	GPS FILE	GPS SHOT NO	WELD NO	DEPTH COVER	WPS	JOINT NO BACK	HEAT NO BACK	DATE VISUAL INSPECTION	VISUAL ACCEPTED	PIPE DIA.	LENGTH	CUTOFF	TOTAL PIPE	WALL THICKNESS	XRAY STATUS	COATING SURFACE PREP	WELD COATING	SHRINK SLEEVE ACCEPTED DATE	PIPE COATING	COATING FINAL ACCEPTANCE	PIPE CONTENTS	PIPE SPEC.	SEAM TYPE	SMYS	PIPE TYPE	NOTES REMARKS	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/14/2015	LITTLE MUDDY RIVER	25463	BLM-184	6.5	API-4	43	SQ94783	11/3/2014	ACC	10	42.1	0	9132.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	LIVE LINE UNDER ZAVANNA PH V	488409.3628	1244782.878	2279.99965	48.30063004	-103.4741828				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/15/2015	LITTLE MUDDY RIVER	25462	BLM-664	6.5	API-4	9	SQ94787	10/22/2014	ACC	10	42.1	0	9174.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	LIVE LINE UNDER ZAVANNA PH V	488367.3488	1244780.807	2277.35886	48.30051474	-103.4741846				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/16/2015	LITTLE MUDDY RIVER	25459	BLM-183	5.3	API-4	421	SQ94783	11/3/2014	ACC	10	42.1	0	9216.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	LIVE LINE UNDER ZAVANNA PH V	488325.3671	1244778.941	2275.81718	48.30039954	-103.4741856				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/17/2015	LITTLE MUDDY RIVER	25458	BLM-663	5.4	API-4	70	SQ94778	10/22/2014	ACC	10	42.1	0	9258.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		488283.5367	1244777.202	2272.59768	48.30028478	-103.4741861				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/18/2015	LITTLE MUDDY RIVER	25457	BLM-662	6.2	API-4	72	SQ94787	10/22/2014	ACC	10	42.1	0	9301	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		488241.5222	1244775.37	2269.62913	48.30019594	-103.4741871				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/19/2015	LITTLE MUDDY RIVER	25456	BLM-661	6.0	API-4	81	SQ94783	10/22/2014	ACC	10	42.1	0	9343.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	STA 237+00	488199.4089	1244773.521	2267.89166	48.30005394	-103.4741879				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/20/2015	LITTLE MUDDY RIVER	25455	BLM-660	5.4	API-4	82	SQ94783	10/22/2014	ACC	10	42.1	0	9385.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		488157.4227	1244771.89	2266.54731	48.29993876	-103.4741879				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/21/2015	LITTLE MUDDY RIVER	25454	BLM-659	5.5	API-4	149	SQ94783	10/22/2014	ACC	10	42.1	0	9427.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		488115.347	1244770.682	2264.31062	48.29982346	-103.4741862				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/22/2015	LITTLE MUDDY RIVER	25453	BLM-658	5.7	API-4	170	SQ94783	10/22/2014	ACC	10	42.1	0	9469.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		488073.3407	1244769.634	2262.01559	48.2997082	-103.4741838				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/23/2015	LITTLE MUDDY RIVER	25452	BLM-657	6.2	API-4	177	SQ94783	10/22/2014	ACC	10	42.1	0	9511.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		488031.3359	1244768.448	2260.08377	48.29959302	-103.4741821				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/24/2015	LITTLE MUDDY RIVER	25451	BLM-182	5.7	API-4	83	SQ94783	11/3/2014	ACC	10	42.1	10.4	9543.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		487989.2348	1244767.086	2258.30828	48.29947755	-103.4741809				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/25/2015	LITTLE MUDDY RIVER	25450	BLM-177	6.0	API-4	182	SQ94787	11/3/2014	ACC	10	42.1	0	9585.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		487957.5754	1244765.859	2258.31059	48.29939071	-103.4741806				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/26/2015	LITTLE MUDDY RIVER	25449	BLM-181	7.2	API-4	74	SQ94783	11/3/2014	ACC	10	42.1	0	9627.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 11.1.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		487915.6295	1244764.459	2256.8417	48.29927565	-103.4741801				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/27/2015	LITTLE MUDDY RIVER	25448	BLM-35	N/A	API-4	75	SQ94783	9/19/14	ACC	10	42.1	0	9669.5	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	10000 Volts / 9.23.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	BORE SECTION #6									
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/28/2015	LITTLE MUDDY RIVER	25447	BLM-34	N/A	API-4	79	SQ94783	9/19/14	ACC	10	42.1	0	9711.6	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	10000 Volts / 9.23.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	BORE SECTION #6									
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/29/2015	LITTLE MUDDY RIVER	25446	BLM-180	6.5	API-4	180	SQ94873	11/3/2014	ACC	10	10.5	0	9722.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	BORE TIE-IN - SOUTH SIDE	487790.561	1244759.161	2255.16303	48.2989325	-103.474182				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/30/2015	LITTLE MUDDY RIVER	25444	BLM-179	6.3	API-4	13	SQ94873	11/3/2014	ACC	10	42.1	0	9742.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		487780.441	1244758.432	2255.1338	48.29890361	-103.4741833				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/31/2015	LITTLE MUDDY RIVER	25443	BLM-178	5.8	API-4	150	SQ94873	11/3/2014	ACC	10	42.1	0	9806.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 11.1.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		487738.0218	1244755.732	2255.27897	48.29878622	-103.4741877				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/1/2015	LITTLE MUDDY RIVER	25237	BLM-656	5.5	API-4	71	SQ94873	10/21/14	ACC	10	42.1	0	9848.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		487698.1056	1244752.136	2255.49753	48.29867302	-103.4741958				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/2/2015	LITTLE MUDDY RIVER	25236	BLM-655	5.7	API-4	181	SQ94873	10/21/14	ACC	10	42.1	0	9899.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		487654.0793	1244749.404	2255.23707	48.29855761	-103.4742004				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/3/2015	LITTLE MUDDY RIVER	25235	BLM-654	5.8	API-4	140	SP29887	10/21/14	ACC	10	42.1	0	9922.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		487611.9672	1244746.859	2255.24213	48.298442	-103.4742037				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/4/2015	LITTLE MUDDY RIVER	25234	4" SAG	6.2	N/A	140	SP29887	10/21/14	ACC	10	0	0	9922.6	0.365	N/A	SSPC-SP3	N/A	N/A	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		487599.2204	1244746.359	2255.17646	48.29840702	-103.4742042				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/5/2015	LITTLE MUDDY RIVER	25231	BLM-653	6.3	API-4	146	SP29891	10/21/14	ACC	10	42.1	0	9974.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		487570.0442	1244744.899	2255.99515	48.29832695	-103.4742055				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/6/2015	LITTLE MUDDY RIVER	25230	BLM-652	5.4	API-4	145	SP29887	10/21/14	ACC	10	42.1	0	10016.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		487528.0379	1244743.07	2258.47275	48.29821179	-103.4742064				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/7/2015	LITTLE MUDDY RIVER	25248	4" OB	5.0	N/A	145	SP29887	10/21/14	ACC	10	0	0	10016.8	0.365	N/A	SSPC-SP3	N/A	N/A	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		487495.1068	1244741.792	2260.17745	48.29812135	-103.4742064				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/8/2015	LITTLE MUDDY RIVER	25246	BLM-651	5.2	API-4	144	SP29887	10/21/14	ACC	10	42.1	0	10058.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		487485.9596	1244741.435	2260.30802	48.29809625	-103.4742064				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/9/2015	LITTLE MUDDY RIVER	25245	BLM-650	5.6	API-4	123	2172530915	10/22/2014	ACC	10	42.2	0	10101.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		487443.9369	1244740.013	2260.15242	48.29790899	-103.4742056				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/10/2015	LITTLE MUDDY RIVER	25244	BLM-649	6.1	API-4	124	2174100915	10/22/2014	ACC	10	42.2	0	10143.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		487401.8804	1244738.25	2259.37161	48.2978656	-103.4742062				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	9/11/2015	LITTLE MUDDY RIVER	25243	BLM-648	6.2	API-4	43																													

PROJECT	LOCATION	CONTRACTOR	INSPECTION CO	PROJECT START DATE	PROJECT FINISH DATE	GPS FILE	GPS SHOT NO	WELD NO	DEPTH COVER	WPS	JOINT NO BACK	HEAT NO BACK	DATE VISUAL INSPECTION	VISUAL ACCEPTED	PIPE DIA.	LENGTH	CUTOFF	TOTAL PIPE	WALL THICKNESS	XRAY STATUS	COATING SURFACE PREP	WELD COATING	SHRINK SLEEVE ACCEPTED DATE	PIPE COATING	COATING FINAL ACCEPTANCE	PIPE CONTENTS	PIPE SPEC.	SEAM TYPE	SMYS	PIPE TYPE	NOTES REMARKS	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/10/2015	LITTLE MUDDY RIVER	25431	BLMT-151	6.6	API-4	29	SQ94778	10/28/14	ACC	10	42.1	0	12665.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	BORE SECTION #5	485283.8289	1244656.79	2238.81647	48.29205517	-103.4742045	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/11/2015	LITTLE MUDDY RIVER	25432	BLMT-151	6.6	API-4	77	SQ94883	9/19/14	ACC	10	42.1	0	12707.4	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	10000 Volts / 10.29.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	BORE SECTION #5						
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/12/2015	LITTLE MUDDY RIVER	25433	BLMT-151	6.6	API-4	76	SQ94783	10/21/14	ACC	10	42.1	0	12741.3	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	10000 Volts / 10.29.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	BORE SECTION #5						
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/13/2015	LITTLE MUDDY RIVER	25434	BLMT-151	6.6	API-4	25	SQ94783	10/21/14	ACC	10	42.1	0	12783.4	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	10000 Volts / 10.29.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL	BORE SECTION #5						
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/14/2015	LITTLE MUDDY RIVER	25435	BLMT-150	5.1	API-4	453	215096915	10/28/14	ACC	10	18.9	0	12802.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		4851125.272	1244652.557	2242.53244	48.29162039	-103.4741968	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/15/2015	LITTLE MUDDY RIVER	25436	BLMT-149	4.8	API-4	82	SP29887	10/28/14	ACC	10	42.1	0	12844.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		485106.4332	1244651.293	2243.25916	48.29156866	-103.474199	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/16/2015	LITTLE MUDDY RIVER	25437	BLMT-603	5.4	API-4	171	SQ94787	10/28/14	ACC	10	42.1	0	12886.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		485064.4079	1244648.238	2243.36208	48.29145322	-103.4742048	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/17/2015	LITTLE MUDDY RIVER	25438	BLMT-694	5.0	API-4	159	SQ94783	10/22/14	ACC	10	42.1	0	12928.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		485022.6238	1244645.123	2243.07337	48.29133843	-103.4742121	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/18/2015	LITTLE MUDDY RIVER	25439	BLMT-602	5.2	API-4	163	SQ94787	10/28/14	ACC	10	42.1	0	12970.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		484980.8732	1244642.418	2242.10563	48.29122378	-103.4742155	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/19/2015	LITTLE MUDDY RIVER	25440	BLMT-601	5.6	API-4	162	SQ94783	10/28/14	ACC	10	42.1	0	13012.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		484938.851	1244640.081	2241.07911	48.29110842	-103.4742184	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/20/2015	LITTLE MUDDY RIVER	25441	BLMT-695	5.6	API-4	47	SP29887	10/22/14	ACC	10	42.1	0	13054.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		484896.9046	1244638.237	2240.47124	48.29099333	-103.4742193	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/21/2015	LITTLE MUDDY RIVER	25442	BLMT-600	5.7	API-4	46	SP29887	10/28/14	ACC	10	42.1	0	13097	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		484855.0701	1244636.699	2238.70692	48.29087857	-103.474219	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/22/2015	LITTLE MUDDY RIVER	25443	BLMT-599	6.0	API-4	172	SQ94783	10/28/14	ACC	10	42.1	0	13139.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42 X52	CARBON SL		484813.1519	1244634.889	2238.7742	48.2907635	-103.4742198	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/23/2015	LITTLE MUDDY RIVER	25444	BLMT-598	6.2	API-4	39	SP29887	10/28/14	ACC	10	42.1	0	13181.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		484771.083	1244633.203	2237.95095	48.29064814	-103.47422	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/24/2015	LITTLE MUDDY RIVER	25445	BLMT-597	5.8	API-4	109	SP29887	10/28/14	ACC	10	42.1	0	13223.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		484729.0611	1244631.332	2237.77638	48.29053284	-103.474221	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/25/2015	LITTLE MUDDY RIVER	25446	BLMT-596	5.7	API-4	37	SP29887	10/28/14	ACC	10	42.1	0	13265.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		484687.0017	1244629.223	2237.2109	48.29040174	-103.474223	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/26/2015	LITTLE MUDDY RIVER	25447	BLMT-595	5.8	API-4	40	SP29891	10/28/14	ACC	10	42.1	0	13307.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		484645.0272	1244627.024	2236.9807	48.29030219	-103.4742254	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/27/2015	LITTLE MUDDY RIVER	25448	BLMT-594	5.8	API-4	57	SP29887	10/28/14	ACC	10	42.1	0	13349.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL	STA 201+00	484603.0038	1244625.178	2235.28211	48.29018689	-103.4742263	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/28/2015	LITTLE MUDDY RIVER	25449	BLMT-593	6.0	API-4	56	SP29887	10/28/14	ACC	10	42.1	0	13391.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		484560.918	1244623.658	2234.34913	48.29007144	-103.4742258	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/29/2015	LITTLE MUDDY RIVER	25450	BLMT-592	6.4	API-4	173	SQ94783	10/28/14	ACC	10	42.1	0	13433.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		484518.8766	1244622.184	2233.66082	48.28995613	-103.4742252	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	11/30/2015	LITTLE MUDDY RIVER	25451	6" SAG	6.4	NIA	173	SQ94783	10/28/14	ACC	0	0	0	13433.8	0.365	NIA	SSPC-SP3	NIA	NIA	NIA	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		484501.4574	1244621.195	2233.05134	48.28990834	-103.4742253
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	12/1/2015	LITTLE MUDDY RIVER	25452	BLMT-591	5.7	API-4	101	SP29887	10/28/14	ACC	10	42.1	0	13475.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		484476.7821	1244620.502	2234.04432	48.28984064	-103.4742255	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	12/2/2015	LITTLE MUDDY RIVER	25453	BLMT-590	5.6	API-4	326	2165230915	10/28/14	ACC	10	42.1	0	13518	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		484434.7885	1244618.724	2234.48444	48.28972537	-103.4742261	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	12/3/2015	LITTLE MUDDY RIVER	25454	BLMT-589	5.8	API-4	194	2165230915	10/28/14	ACC	10	42.1	0	13560.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		484392.6734	1244616.936	2234.03888	48.28960987	-103.4742268	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	12/4/2015	LITTLE MUDDY RIVER	25455	BLMT-588	5.4	API-4	193	2130830915	10/28/14	ACC	10	42.1	0	13602.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		484350.6386	1244615.137	2233.54571	48.28849454	-103.4742275	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	12/5/2015	LITTLE MUDDY RIVER	25456	BLMT-587	5.3	API-4	102	SP2891	10/28/14	ACC	10	42.1	0	13644.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		484308.6227	1244613.185	2233.21723	48.28837924	-103.4742288	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	12/6/2015	LITTLE MUDDY RIVER	25457	BLMT-586	5.5	API-4	157	SQ94783	10/28/14	ACC	10	42.1	0	13686.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		484266.6023	1244611.311	2233.42014	48.28826394	-103.4742298	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	12/7/2015	LITTLE MUDDY RIVER	25458	BLMT-585	5.5	API-4	148	SQ94783	10/28/14	ACC	10	42.1	0	13728.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.29.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		484224.5186	1244609.621	2233.30251	48.28814848	-103.4742301	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/12/2014	12/8/2015	LITTLE MUDDY RIVER	25459	BLMT-584	5.5	API-4																											

PROJECT	LOCATION	CONTRACTOR	INSPECTION CO	PROJECT START DATE	PROJECT FINISH DATE	GPS FILE	GPS SHOT NO	WELD NO	DEPTH COVER	WPS	JOINT NO BACK	HEAT NO BACK	DATE VISUAL INSPECTION	VISUAL ACCEPTED	PIPE DIA.	LENGTH	CUTOFF	TOTAL PIPE	WALL THICKNESS	XRAY STATUS	COATING SURFACE PREP	WELD COATING	SHRINK SLEEVE JEEPED AND ACCEPTED DATE	PIPE COATING	COATING FINAL ACCEPTANCE	PIPE CONTENTS	PIPE SPEC.	SEAM TYPE	SMYS	PIPE TYPE	NOTES REMARKS	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/6/2016	LITTLE MUDDY RIVER	2486	BLM-515	5.2	API-4	122	2162770915	10/13/14	ACC	10	42.2	0	16135.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482456.4683	1245167.093	2245.74196	48.28436438	-103.4716617
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/7/2016	LITTLE MUDDY RIVER	2486	BLM-514	5.0	API-4	34	SQ94783	10/13/14	ACC	10	42.1	0	16177.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482455.0603	1245209.287	2245.36229	48.28436498	-103.4714883
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/8/2016	LITTLE MUDDY RIVER	2485	BLM-513	5.2	API-4	176	21644620615	10/13/14	ACC	10	42.3	0	16219.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482453.5547	1245251.377	2244.45023	48.28436351	-103.4713153
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/8/2016	LITTLE MUDDY RIVER	2485	BLM-512R	5.5	API-4	4	SQ94783	10/14/14	ACC	10	42.1	0	16262	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482451.8019	1245283.365	2244.9496	48.28436495	-103.4711427
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/10/2016	LITTLE MUDDY RIVER	2485	BLM-511	5.3	API-4	3	SQ94783	10/13/14	ACC	10	42.1	0	16304.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482450.4588	1245335.504	2244.26709	48.28436466	-103.4709955
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/11/2016	LITTLE MUDDY RIVER	2485	BLM-510	5.1	API-4	48	2156290915	10/12/14	ACC	10	42.1	0	16346.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482448.3554	1245377.564	2244.2582	48.28436441	-103.4707966
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/12/2016	LITTLE MUDDY RIVER	2485	BLM-509	5.4	API-4	128	2162850915	10/12/14	ACC	10	42.1	0	16388.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482446.589	1245419.591	2243.17041	48.28436396	-103.4706238
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/13/2016	LITTLE MUDDY RIVER	2485	BLM-508	5.1	API-4	165	2167810915	10/12/14	ACC	10	42.1	0	16430.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482444.7959	1245461.767	2242.65964	48.28436357	-103.4704504
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/14/2016	LITTLE MUDDY RIVER	2485	BLM-507	5.6	API-4	464	2160200915	10/12/14	ACC	10	42.1	0	16473.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482443.4945	1245503.768	2241.93468	48.28436444	-103.4702778
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/15/2016	LITTLE MUDDY RIVER	2485	BLM-506	5.4	API-4	465	2159870915	10/12/14	ACC	10	42.1	0	16514.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482442.1519	1245545.892	2241.96517	48.28436522	-103.4701047
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/16/2016	LITTLE MUDDY RIVER	2485	BLM-505	5.6	API-4	61	2165230915	10/12/14	ACC	10	42.1	0	16556.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482440.2518	1245587.937	2241.97478	48.28436518	-103.4699319
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/17/2016	LITTLE MUDDY RIVER	2485	BLM-504	5.9	API-4	269	2163440915	10/12/14	ACC	10	42.1	0	16598.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482438.7072	1245629.859	2242.25454	48.28436466	-103.4697596
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/18/2016	LITTLE MUDDY RIVER	2484	BLM-503	5.5	API-4	20	2165470915	10/12/14	ACC	10	42.1	0	16640.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482436.8098	1245671.948	2242.6252	48.28436391	-103.4695865
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/19/2016	LITTLE MUDDY RIVER	2484	BLM-502	5.1	API-4	21	2162780915	10/12/14	ACC	10	42.1	0	16682.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482435.2911	1245713.969	2242.44921	48.28436419	-103.4694138
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/20/2016	LITTLE MUDDY RIVER	2484	BLM-501	5.3	API-4	246	2165970915	10/12/14	ACC	10	42.1	0	16725	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482433.8531	1245756.012	2245.05562	48.28436465	-103.4692421
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/21/2016	LITTLE MUDDY RIVER	2484	BLM-500	5.4	API-4	310	2162800915	10/12/14	ACC	10	42.1	0	16767.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482432.3338	1245798.162	2245.69781	48.28436499	-103.4690678
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/22/2016	LITTLE MUDDY RIVER	2484	BLM-499	5.2	API-4	11	2160300915	10/12/14	ACC	10	42.1	0	16809.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482430.6558	1245840.144	2246.63977	48.28436494	-103.4688953
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/23/2016	LITTLE MUDDY RIVER	2484	BLM-498	5.1	API-4	29	SQ94783	10/12/14	ACC	10	42.1	0	16851.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482428.6394	1245882.162	2246.9596	48.28436457	-103.4687225
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/24/2016	LITTLE MUDDY RIVER	2484	BLM-497	5.1	API-4	57	2174340915	10/12/14	ACC	10	42.2	0	16893.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482427.1097	1245924.244	2246.62626	48.284364	-103.4685495
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/25/2016	LITTLE MUDDY RIVER	2484	BLM-496	5.3	API-4	245	2166230915	10/12/14	ACC	10	42.1	0	16935.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482425.3015	1245966.33	2245.69326	48.2843635	-103.4683765
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/26/2016	LITTLE MUDDY RIVER	2484	BLM-495	5.4	API-4	247	2162590915	10/12/14	ACC	10	42.2	0	16977.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482423.8796	1246008.368	2244.98218	48.28436404	-103.4682037
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/27/2016	LITTLE MUDDY RIVER	2484	BLM-494	5.1	API-4	39	2156290915	10/12/14	ACC	10	42.1	0	17019.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482422.4403	1246050.427	2244.75523	48.28436454	-103.4680309
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/28/2016	LITTLE MUDDY RIVER	2483	BLM-493	5.1	API-4	17	2174110915	10/12/14	ACC	10	42.0	0	17061.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482420.6394	1246092.465	2244.12122	48.28436405	-103.4678581
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	2/29/2016	LITTLE MUDDY RIVER	2483	BLM-492	5.1	API-4	12	2174110915	10/12/14	ACC	10	42.1	0	17104	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482418.9623	1246134.364	2243.09696	48.28436388	-103.4676858
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/1/2016	LITTLE MUDDY RIVER	2483	BLM-491	5.5	API-4	192	2174280915	10/12/14	ACC	10	42.1	0	17146.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482417.197	1246176.394	2242.11473	48.28436349	-103.4675131
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/2/2016	LITTLE MUDDY RIVER	2483	BLM-490	5.6	API-4	46	2151240915	10/12/14	ACC	10	42.1	0	17188.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482415.3738	1246218.448	2241.69097	48.28436293	-103.4673402
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/3/2016	LITTLE MUDDY RIVER	2483	BLM-489	5.9	API-4	469	2161720915	10/12/14	ACC	10	42.0	0	17230.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482413.5429	1246260.501	2241.20992	48.28436236	-103.4671673
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	3/4/2016	LITTLE MUDDY RIVER	2483	BLM-488	5.6	API-4	14	2160200915	10/12/14	ACC	10	42.3	6.9	17265.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts /10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482411.4978	1246302.455	2241.50144		

PROJECT	LOCATION	CONTRACTOR	INSPECTION CO	PROJECT START DATE	PROJECT FINISH DATE	GPS FILE	GPS SHOT NO	WELD NO	DEPTH COVER	WPS	JOINT NO BACK	HEAT NO BACK	DATE VISUAL INSPECTION	VISUAL ACCEPTED	PIPE DIA.	LENGTH	CUTOFF	TOTAL PIPE	WALL THICKNESS	XRAY STATUS	COATING SURFACE PREP	WELD COATING	SHRINK SLEEVE JEPPED AND ACCEPTED DATE 4000 Volts / 10.22.14	PIPE COATING	COATING FINAL ACCEPTANCE ACCEPTED	PIPE CONTENTS	PIPE SPEC.	SEAM TYPE	SMYS	PIPE TYPE	NOTES REMARKS	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/6/2016	LITTLE MUDDY RIVER	24812	BLM-131	5.0	API-4	48	SQ94783	10/21/14	ACC	10	18.1	0	19433.5	0.365	ACC	SSPC-SP3	RD6 WRAPPRIIMER	10000 Volts / 10.22.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		481782.5199	1247937.682	2176.1679	48.28281076	-103.4601841	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/6/2016	LITTLE MUDDY RIVER	24811	BLM-130	5.0	API-4	115	SQ94787	10/21/14	ACC	10	42.1	0	19475.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.22.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		481801.398	1247940.405	2176.15447	48.28266276	-103.4601759	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/6/2016	LITTLE MUDDY RIVER	24752	BLM-443	5.1	API-4	47	SQ94787	10/9/14	ACC	10	42.1	0	19517.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		481843.0098	1247946.568	2176.12859	48.28297739	-103.4601572	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/7/2016	LITTLE MUDDY RIVER	24751	BLM-443	5.1	API-4	46	SQ94783	10/9/14	ACC	10	42.1	0	19559.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		481884.5421	1247953.525	2176.79099	48.28309189	-103.4601352	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/8/2016	LITTLE MUDDY RIVER	24750	BLM-442	6.6	API-4	2	SQ94783	10/9/14	ACC	10	42.1	0	19601.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		481926.0752	1247960.566	2177.76654	48.2832064	-103.4601129	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/8/2016	LITTLE MUDDY RIVER	24748	3 rd SAG	6.7	NIA	2	SQ94783	9/28/14	ACC	10	0	0	19601.9	0.365	NIA	SSPC-SP3	NIA	NIA	NIA	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		481934.1582	1247961.939	2177.08201	48.28322869	-103.4601085
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/10/2016	LITTLE MUDDY RIVER	24746	BLM-441R	5.7	API-4	201	SQ94783	10/14/15	ACC	10	42.1	0	19644	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		481967.3758	1247967.803	2180.79649	48.28332303	-103.4600987	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/11/2016	LITTLE MUDDY RIVER	24745	BLM-440	5.2	API-4	73	SQ94783	10/9/14	ACC	10	42.1	0	19686.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482008.6241	1247974.732	2185.45225	48.28343402	-103.4600678	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/12/2016	LITTLE MUDDY RIVER	24744	BLM-439	5.4	API-4	88	SQ94783	10/9/14	ACC	10	42.1	0	19728.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482050.0748	1247981.38	2189.54744	48.28354826	-103.460047	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/13/2016	LITTLE MUDDY RIVER	24743	BLM-438	5.6	API-4	87	SQ94787	10/9/14	ACC	10	42.1	0	19770.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482091.5458	1247987.913	2192.70131	48.28366255	-103.4600268	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/14/2016	LITTLE MUDDY RIVER	24742	BLM-437	5.0	API-4	140	SQ94783	10/9/14	ACC	10	42.1	0	19812.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482133.0032	1247994.532	2196.15245	48.28377681	-103.4600061	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/15/2016	LITTLE MUDDY RIVER	24740	5 th OB	4.9	NIA	140	SQ94783	9/28/14	ACC	10	0	0	19812.4	0.365	NIA	SSPC-SP3	NIA	NIA	NIA	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482155.2883	1247998.849	2198.15221	48.28384926	-103.4599926
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/16/2016	LITTLE MUDDY RIVER	24738	BLM-436	5.1	API-4	98	SQ94783	10/9/14	ACC	10	42.1	0	19854.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482174.5471	1248001.222	2197.89158	48.28389131	-103.4599852	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/17/2016	LITTLE MUDDY RIVER	24737	BLM-554	5.0	API-4	141	SQ94783	10/14/15	ACC	10	42.1	0	19896.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482216.0693	1248008.162	2198.1663	48.28400578	-103.4599633	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/18/2016	LITTLE MUDDY RIVER	24736	BLM-555	4.9	API-4	52	SQ94783	10/14/15	ACC	10	42.1	0	19938.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482257.508	1248015.655	2194.49843	48.28412008	-103.4599391	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/19/2016	LITTLE MUDDY RIVER	24735	BLM-435	5.1	API-4	134	SP29887	10.21.14	ACC	10	42.1	8	19972.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0088	HFV	X42 X52	CARBON SL		482298.8799	1248023.185	2197.07753	48.2842342	-103.4599147	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/20/2016	LITTLE MUDDY RIVER	24810	BLM-129	6.4	API-4	90 th HB	55786	10.21.14	ACC	10	8.9	0	19981.7	0.365	ACC	SSPC-SP3	RD6 WRAPPRIIMER	4000 Volts / 10.22.14	BARE	ACCEPTED	CRUDE	5L-0088	SMLS	X42	CARBON SL		482332.1626	1248029.297	2188.85123	48.28432602	-103.4598948	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/21/2016	LITTLE MUDDY RIVER	24808	BLM-128	6.5	API-4	134	SP29887	10.21.14	ACC	10	6.5	0	19988.2	0.365	ACC	SSPC-SP3	RD6 WRAPPRIIMER	4000 Volts / 10.22.14	FBE	ACCEPTED	CRUDE	5L-0088	HFV	X42 X52	CARBON SL		482336.1425	1248036.167	2188.18586	48.28433764	-103.4598673	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/22/2016	LITTLE MUDDY RIVER	24807	BLM-127	6.5	API-4	179	SQ94783	10.21.14	ACC	10	42.1	3.3	20027	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.22.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42 X52	CARBON SL	PI STA 97-86	482335.9591	1248042.657	2187.78014	48.28433782	-103.4598407	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/23/2016	LITTLE MUDDY RIVER	24804	BLM-434	6.4	API-4	142	SQ94783	10.9.14	ACC	10	42.1	0	20069.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.22.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42 X52	CARBON SL		482334.9929	1248041.495	2185.71688	48.28433927	-103.4598811	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/24/2016	LITTLE MUDDY RIVER	24733	BLM-433	6.2	API-4	144	SQ94783	10.9.14	ACC	10	42.1	0	20111.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42 X52	CARBON SL		482333.7258	1248123.469	2183.42785	48.28434022	-103.4595086	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/25/2016	LITTLE MUDDY RIVER	24732	BLM-432	5.6	API-4	129	SQ94783	10.9.14	ACC	10	42.1	0	20153.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42 X52	CARBON SL		482332.1462	1248165.507	2181.92608	48.28434032	-103.4593539	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/26/2016	LITTLE MUDDY RIVER	24731	BLM-431R	5.7	API-4	130	SQ94783	10/14/15	ACC	10	42.1	0	20195.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42 X52	CARBON SL		482330.6878	1248207.544	2180.64644	48.28434075	-103.4591631	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/27/2016	LITTLE MUDDY RIVER	24730	BLM-430	5.2	API-4	198	SQ94783	10/14/15	ACC	10	42.1	0	20237.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42 X52	CARBON SL		482329.1831	1248249.652	2178.95507	48.28434107	-103.45899	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/28/2016	LITTLE MUDDY RIVER	24729	BLM-429	4.5	API-4	121	SQ94783	10/14/15	ACC	10	42.1	0	20279.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42 X52	CARBON SL		482327.821	1248291.712	2178.56656	48.28434177	-103.4588172	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/29/2016	LITTLE MUDDY RIVER	24727	3 rd OB	4.3	NIA	121	SQ94783	9/28/14	ACC	10	0	0	20279.6	0.365	NIA	SSPC-SP3	NIA	NIA	NIA	FBE	ACCEPTED	CRUDE	5L-0554	HFV	X42 X52	CARBON SL		482326.921	1248317.803	2177.31419	48.28434265	-103.45871
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/30/2016	LITTLE MUDDY RIVER	24725	BLM-428	4.7	API-4	105	2174100915	10/9/2014	ACC	10	42.1	0	20321.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.20.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482325.5135	1248333.807	2175.92959	48.28434262	-103.4586442	
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	5/31/2016	LITTLE MUDDY RIVER	24723	3 rd SAG	5.2	NIA	105	2174100915	9/28/14	ACC	10	0	0	20321.7	0.365	NIA	SSPC-SP3	NIA	NIA	NIA	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482325.8893	1248336.209	2174.17349	48.28434326	-103.4585522
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPWEA	8/4/2014	6/1/2016	LITTLE MUDDY RIVER	24721	BL																													

PROJECT	LOCATON	CONTRACTOR	INSPECTION CO	PROJECT START DATE	PROJECT FINISH DATE	GPS FILE	GPS SHOT NO	WELD NO	DEPTH COVER	WPS	JOINT NO BACK	HEAT NO BACK	DATE VISUAL INSPECTION	VISUAL ACCEPTED	PIPE DIA.	LENGTH	CUTOFF	TOTAL PIPE	WALL THICKNESS	XRAY STATUS	COATING SURFACE PREP	WELD COATING	SHRINK SLEEVE JEEPPED AND ACCEPTED DATE	PIPE COATING	COATING FINAL ACCEPTANCE	PIPE CONTENTS	PIPE SPEC.	SEAM TYPE	SMYS	PIPE TYPE	NOTES REMARKS	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	7/17/2016	LITTLE MUDDY RIVER	24617	BLM-391	5.1	API-4	2	SP2887	10/5/2014	ACC	10	42.1	0	22402.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482238.8583	1250148.642	2143.7916	48.28429349	-103.4511778
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/1/2016	LITTLE MUDDY RIVER	24616	BLM-390	5.0	API-4	95	SP2969	10/5/2014	ACC	10	42.1	0	22444.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482237.0892	1250191.676	2143.39627	48.28429304	-103.4510005
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/2/2016	LITTLE MUDDY RIVER	24615	BLM-389	5.1	API-4	94	SP2887	10/5/2014	ACC	10	42.1	0	22486.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482235.2588	1250233.771	2142.71036	48.28429247	-103.4508319
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/2/2016	LITTLE MUDDY RIVER	24614	BLM-388	5.2	API-4	141	SP2889	10/5/2014	ACC	10	42.1	0	22528.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482233.7817	1250275.833	2142.28636	48.28429286	-103.4506591
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/4/2016	LITTLE MUDDY RIVER	24613	BLM-387	5.4	API-4	139	SP2889	10/5/2014	ACC	10	42.1	0	22570.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482232.6832	1250317.924	2141.1163	48.28429425	-103.4504861
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/5/2016	LITTLE MUDDY RIVER	24612	BLM-386	5.8	API-4	136	SP2889	10/5/2014	ACC	10	42.1	0	22612.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482231.48	1250359.944	2140.86539	48.28429539	-103.4503135
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/6/2016	LITTLE MUDDY RIVER	24611	BLM-385	5.8	API-4	108	SP2887	10/5/2014	ACC	10	42.1	0	22654.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482230.2785	1250401.947	2141.9947	48.28429648	-103.4501409
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/7/2016	LITTLE MUDDY RIVER	24610	BLM-384	5.4	API-4	265	2168470915	10/5/2014	ACC	10	42.1	0	22697	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482228.954	1250444.036	2142.79257	48.28429727	-103.449968
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/8/2016	LITTLE MUDDY RIVER	24609	BLM-383	5.0	API-4	229	2151240915	10/5/2014	ACC	10	42.1	0	22739.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482227.4692	1250486.014	2143.44555	48.28429762	-103.4497934
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/9/2016	LITTLE MUDDY RIVER	24608	BLM-382	5.2	API-4	4	2105230915	10/5/2014	ACC	10	42.1	0	22781.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482225.5454	1250528.075	2144.11464	48.28429876	-103.4496223
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/10/2016	LITTLE MUDDY RIVER	24607	BLM-381	5.1	API-4	123	SP2887	10/5/2014	ACC	10	42.1	0	22823.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482223.7257	1250568.056	2144.77581	48.28429998	-103.4494581
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/11/2016	LITTLE MUDDY RIVER	24606	BLM-380	5.0	API-4	187	2162800915	10/5/2014	ACC	10	42.1	0	22865.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482221.9603	1250610.071	2145.30909	48.28429555	-103.4492854
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/12/2016	LITTLE MUDDY RIVER	24605	BLM-379	5.2	API-4	138	2174290915	10/5/2014	ACC	10	42.1	0	22907.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482220.061	1250652.11	2145.4863	48.28429476	-103.4491126
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/13/2016	LITTLE MUDDY RIVER	24604	BLM-378	5.2	API-4	77	2162770915	10/5/2014	ACC	10	42.1	0	22949.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482218.1996	1250694.173	2145.97152	48.28429408	-103.4489396
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/14/2016	LITTLE MUDDY RIVER	24603	BLM-377	5.2	API-4	102	2165470915	10/5/2014	ACC	10	42.1	0	22991.7	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482216.3505	1250736.215	2146.94284	48.28429343	-103.4487668
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/15/2016	LITTLE MUDDY RIVER	24602	BLM-376	5.2	API-4	188	216280915	10/5/2014	ACC	10	42.1	0	23033.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482214.622	1250778.286	2147.62373	48.28429311	-103.4485939
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/16/2016	LITTLE MUDDY RIVER	24601	BLM-375	5.2	API-4	34	SP2887	10/5/2014	ACC	10	42.1	0	23075.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482213.2135	1250820.319	2148.01408	48.28429366	-103.4484211
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/17/2016	LITTLE MUDDY RIVER	24600	BLM-374	5.2	API-4	35	SP2887	10/5/2014	ACC	10	42.1	0	23118	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482211.694	1250862.451	2148.27256	48.28429392	-103.4482428
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/18/2016	LITTLE MUDDY RIVER	24599	BLM-373	5.2	API-4	106	SP2888	10/5/2014	ACC	10	42.1	0	23160.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482209.1552	1250904.499	2148.72244	48.28429412	-103.4480751
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/19/2016	LITTLE MUDDY RIVER	24598	BLM-372	5.2	API-4	36	SP2887	10/5/2014	ACC	10	42.1	0	23202.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482208.0337	1250946.602	2148.74545	48.28429546	-103.4479022
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/20/2016	LITTLE MUDDY RIVER	24597	BLM-371	5.2	API-4	62	SP2887	10/5/2014	ACC	10	42.1	0	23244.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482207.9242	1250988.701	2148.17384	48.28429684	-103.4477292
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/21/2016	LITTLE MUDDY RIVER	24596	BLM-370	5.0	API-4	13	SP2887	10/5/2014	ACC	10	42.1	0	23286.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482206.4091	1251030.823	2147.29227	48.28429711	-103.4475561
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/22/2016	LITTLE MUDDY RIVER	24595	BLM-369	5.0	API-4	14	SP2887	10/5/2014	ACC	10	42.1	0	23328.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482205.0174	1251072.835	2147.26826	48.28429777	-103.4473834
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/23/2016	LITTLE MUDDY RIVER	24594	BLM-368	5.0	API-4	15	SP2887	10/5/2014	ACC	10	42.1	0	23370.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482203.701	1251114.916	2147.33884	48.28429851	-103.4471205
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/24/2016	LITTLE MUDDY RIVER	24593	BLM-367	5.1	API-4	33	SP2887	10/5/2014	ACC	10	42.1	0	23417.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482202.2067	1251157.005	2147.70605	48.28429884	-103.4470375
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/25/2016	LITTLE MUDDY RIVER	24592	BLM-366	5.3	API-4	19	SP2887	10/5/2014	ACC	10	42.1	0	23454.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482200.4462	1251199.002	2148.19301	48.28429942	-103.4468649
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/26/2016	LITTLE MUDDY RIVER	24591	BLM-365	5.3	API-4	16	SP2887	10/5/2014	ACC	10	42.1	0	23496.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482198.5088	1251241.072	2148.31919	48.28429752	-103.4466919
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	8/27/2016	LITTLE MUDDY RIVER	24590	BLM-364	5.1	API-4	49	SP2887	10/5/2014	ACC	10	42.1	0	23539	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482196.8157	1251283.053	2148.26789	48.28429729	-103.4465194
LITTLE MUDDY RIVER																																				

PROJECT	LOCATION	CONTRACTOR	INSPECTION CO	PROJECT START DATE	PROJECT FINISH DATE	GPS FILE	GPS SHOT NO	WELD NO	DEPTH COVER	WPS	JOINT NO BACK	HEAT NO BACK	DATE VISUAL INSPECTION	VISUAL ACCEPTED	PIPE DIA.	LENGTH	CUTOFF	TOTAL PIPE	WALL THICKNESS	XRAY STATUS	COATING SURFACE PREP	WELD COATING	SHRINK SLEEVE ACCEPTED AND JEEPPED AND DATE	PIPE COATING	COATING FINAL ACCEPTANCE	PIPE CONTENTS	PIPE SPEC.	SEAM TYPE	SMYS	PIPE TYPE	NOTES REMARKS	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	10/27/2016	LITTLE MUDDY RIVER	25012	BLMT-142	5.3	API-4	58	SP29887	10/23/2014	ACC	10	42.1	0	25842	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482091.5838	1253582.091	2198.56285	48.28424976	-103.437067				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	10/28/2016	LITTLE MUDDY RIVER	25011	BLMT-141	5.3	API-4	59	SP29887	10/23/2014	ACC	10	42.1	0	25841.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482090.1202	1253623.914	2197.29032	48.28425012	-103.4368951				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	10/29/2016	LITTLE MUDDY RIVER	25010	BLM-313R	5.2	API-4	199	2166230915	10/4/2014	ACC	10	42.1	0	25926.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.15.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482088.2037	1253665.965	2195.9313	48.28424927	-103.4367722				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	10/30/2016	LITTLE MUDDY RIVER	25009	BLM-312	5.5	API-4	73	SP29887	10/4/2014	ACC	10	42.1	0	25968.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.16.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482086.7136	1253707.938	2194.24131	48.28424958	-103.4365497				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	10/31/2016	LITTLE MUDDY RIVER	25008	BLM-311	5.3	API-4	94	2162760915	10/4/2014	ACC	10	42.1	0	26010.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.16.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482085.1022	1253750.807	2193.3088	48.28424933	-103.4363768				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/1/2016	LITTLE MUDDY RIVER	25007	BLM-310	5.5	API-4	62	2172530915	10/4/2014	ACC	10	42.1	0	26052.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.16.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482083.3698	1253792.097	2191.8826	48.28424921	-103.4362038				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/2/2016	LITTLE MUDDY RIVER	25006	BLM-309	5.7	API-4	129	2160200915	10/4/2014	ACC	10	42.1	0	26094.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482081.947	1253834.106	2190.93373	48.2842497	-103.4360311				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/3/2016	LITTLE MUDDY RIVER	25005	BLM-308R	5.1	API-4	251	2174290915	10/4/2014	ACC	10	42.1	0	26136.7	0.365	REJ	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.15.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482080.5899	1253876.133	2190.66701	48.28425038	-103.4358584				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/4/2016	LITTLE MUDDY RIVER	25004	BLM-307R	5.4	API-4	327	2165230915	10/4/2014	ACC	10	42.1	0	26178.8	0.365	REJ	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.15.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482078.882	1253918.193	2189.42016	48.2842501	-103.4356855				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/5/2016	LITTLE MUDDY RIVER	25003	BLM-306	5.8	API-4	476	2150460915	10/4/2014	ACC	10	42.1	0	26220.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482077.0548	1253960.237	2188.10222	48.28424948	-103.4355127				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/6/2016	LITTLE MUDDY RIVER	25001	BLM-305	5.8	API-4	233	2174000915	10/4/2014	ACC	10	42.1	0	26263.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482075.5024	1254002.269	2187.13124	48.28424942	-103.4353399				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/7/2016	LITTLE MUDDY RIVER	25002	BLM-304	5.4	API-4	466	2174000915	10/4/2014	ACC	10	42.1	0	26305.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482074.066	1254044.377	2186.49233	48.28425009	-103.4351669				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/8/2016	LITTLE MUDDY RIVER	25000	BLMT-145	5.0	API-4	10	SP29887	10/4/14	ACC	10	15.9	0	26321	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482072.7546	1254086.414	2185.86873	48.28425009	-103.4349492				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/9/2016	LITTLE MUDDY RIVER	24999	BLMT-144	5.3	API-4	62	SQ94783	10/24/14	ACC	10	42.1	0	26363.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL		482072.2533	1254102.275	2185.05025	48.28425117	-103.434929				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/10/2016	LITTLE MUDDY RIVER	24998	BLM-5	N/A	API-4	56	SQ94783	9/29/14	ACC	10	42.1	0	26445.2	0.365	ACC	SSPC-SP3	CANUSA K-60XWRAP	10000 Volts / 10.4.14	FBEIARO	ACCEPTED	CRUDE	5L-0554	HFV	X42	CARBON SL										
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/11/2016	LITTLE MUDDY RIVER	24982	BLMT-143	6.5	API-4	33	A124913	10/24/14	ACC	10	42.1	4.3	26493	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.24.14	FBE	ACCEPTED	CRUDE	5L-0088	HFV	X42 X52	CARBON SL		482069.6021	1254185.945	2181.21644	48.28425265	-103.4345852				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/12/2016	LITTLE MUDDY RIVER	24981	BLMT-140	6.5	API-4	34	A225809	10/23/14	ACC	10	42.1	0	26452.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.23.14	FBE	ACCEPTED	CRUDE	5L-0088	HFV	X42 X52	CARBON SL		482068.4591	1254223.703	2180.43055	48.28425346	-103.434443				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/13/2016	LITTLE MUDDY RIVER	24980	BLM-303	5.9	API-4	28	A124913	10/4/2014	ACC	10	42.1	0	26527.2	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0088	HFV	X42 X52	CARBON SL		482066.9317	1254265.839	2180.14842	48.28425368	-103.4342568				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/14/2016	LITTLE MUDDY RIVER	24979	BLM-302	5.2	API-4	27	A325299	10/4/2014	ACC	10	42.1	0	26569.3	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0088	HFV	X42 X52	CARBON SL		482064.8593	1254307.87	2180.53193	48.28425239	-103.434084				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/15/2016	LITTLE MUDDY RIVER	24978	BLM-301	5.2	API-4	126	SP29887	10/4/2014	ACC	10	42.1	0	26611.4	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482062.6294	1254349.939	2180.77662	48.28425067	-103.433911				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/16/2016	LITTLE MUDDY RIVER	24977	BLM-300	5.0	API-4	12	SP29887	10/4/2014	ACC	10	42.1	0	26653.5	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482060.528	1254392.051	2181.25751	48.28424932	-103.4337378				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/17/2016	LITTLE MUDDY RIVER	24976	BLM-299	5.0	API-4	60	217530915	10/4/2014	ACC	10	42.1	0	26695.6	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0595	HFV	X42 X52	CARBON SL		482058.9983	1254434.122	2181.25226	48.28424952	-103.4335648				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/18/2016	LITTLE MUDDY RIVER	24975	BLM-298	5.0	API-4	61	SP29887	10/4/2014	ACC	10	42.1	0	26737.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482057.8571	1254476.1	2180.67637	48.28425078	-103.4333925				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/19/2016	LITTLE MUDDY RIVER	24964	BLM-297	5.1	API-4	124	SP29887	10/4/2014	ACC	10	42.1	0	26779.8	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482055.2312	1254510.802	2178.51683	48.2842507	-103.4332202				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/20/2016	LITTLE MUDDY RIVER	24963	BLM-296	5.0	API-4	89	SP29891	10/4/2014	ACC	10	42.1	0	26821.9	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482054.9102	1254560.159	2178.4981	48.28425148	-103.433047				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/21/2016	LITTLE MUDDY RIVER	24962	BLM-295	5.0	API-4	118	SP29887	10/4/2014	ACC	10	42.1	0	26864	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL		482053.3954	1254602.216	2177.24764	48.28425172	-103.4328741				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/22/2016	LITTLE MUDDY RIVER	24961	BLM-294	5.1	API-4	117	SP29887	10/4/2014	ACC	10	42.1	0	26906.1	0.365	ACC	SSPC-SP3	CANUSA K60 SHRINK SLEEVE	10000 Volts / 10.6.14	FBE	ACCEPTED	CRUDE	5L-0114	HFV	X42 X52	CARBON SL	PI STA 2#+53	482051.7053	1254644.237	2175.6336	48.28425111	-103.4327014				
LITTLE MUDDY RIVER	POLAR	LOENBRO	CHIPPEWA	8/4/2014	11/23/2016	LITTLE MUDDY RIVER	24960	BLMT-126	5.5	API-4	90° HB	5786	10/20/14	ACC	10	11.8	0	26917.9	0.365	ACC	SSPC-SP3	R06 WRAPP/PRIMER	4000 Volts / 10.20.14	BARE	ACCEPTED	CRUDE	5L-0114	SMLS	X42	CARBON SL		482049.7575	1254686.25	2173.81008	48.28425053	-103.4325287				

