

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
BORE INTO NEXEN LOCATION BORE #1 NOT USED					
B-133	44.3	A7J328	32B-A	RP/LE	RP/LE
B-134	44.3	A7J328	31B-A	RP/LE	RP/LE
B-135	44.3	A7J328	30B-A	RP/LE	RP/LE
B-136	44.3	A7J328			
END BORE #1 NOT USED					
Flange	600 Flange	J195 1208	449-A	RP	RP
Riser Pup	5	A16907	448-A	RP	RP
90-4	6R 90	517673	447T-A	RP	RP
L-1	32.1	182729 3 deg. Sag	41-A	RP/LE	RP/LE
L-2	45.1	182729	42-A	RP/LE	RP/LE
L-3	45.1	182719	43-A	RP/LE	RP/LE
L-4	45.1	182729	44-A	RP/LE	RP/LE
L-5	45.1	182728	45-A	RP/LE	RP/LE
L-6	45.1	182729	46-A	RP/LE	RP/LE
L-7	45.1	182728	47-A	RP/LE	RP/LE
L-7A	39.1	182728	454T-A	RP	RP
45-5	6R 45	517673	453T-A	RP	RP
L-8	36.1	182728	48-A	RP/LE	RP/LE
L-9	45.1	182728	49-A	RP/LE	RP/LE
L-10	45.1	182728	450-A	RP/LE	RP/LE
45-6	6R 45	517673	452T-A	RP	RP
L-11	45.1	182728	50-A	RP/LE	RP/LE
L-12	45.1	182729	51-A	RP/LE	RP/LE
L-13	45.1	182729	52-A	RP/LE	RP/LE
L-14	45.1	182729	53-A	RP/LE	RP/LE

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-15	45.1	182729	54-A	RP/LE	RP/LE
L-16	45.1	182728	55-A	RP/LE	RP/LE
L-17	36.1	182729	165T-A	JH	JH
HESS LINE BORE BORE #2					
B-137	44.5	A7J328	38B-A	RP/LE	RP/LE
B-138	44.5	A7J328	37B-A	RP/LE	RP/LE
B-139	44.5	A7J328	36B-A	RP/LE	RP/LE
B-140	44.6	A7J328	35B-A	RP/LE	RP/LE
B-141	44.3	A7J328	34B-A	RP/LE	RP/LE
B-142	44.3	A7J328	33B-A	RP/LE	RP/LE
B-143	44.3	A7J328	96B-A	JH	JH
B-215	44.1	A1A729	166T-A	JH	JH
END BORE #2					
L-18	25.5	182729	56-A	RP/LE	RP/LE
L-19	45.1	182729	57-A	RP/LE	RP/LE
L-20	45.1	182719	163-A	JH	JH
L-20A	45	A18733	164-A	JH	JH
L-20B	45	A18733	166T-A	JH	JH
KNIFE RIVER BORE BORE #3					
B-156	44	A7J328	64B-A	RP/LE	RP/LE
B-157	44	A7J328	65B-A	RP/LE	RP/LE
B-158	44.3	A7J328	66B-A	RP/LE	RP/LE
B-159	44.3	A7J328	67B-A	RP/LE	RP/LE
B-160	44.3	A7J328	68B-A	RP/LE	RP/LE
B161	44.3	A7J328	69B-A	RP/LE	RP/LE
B-162	44.3	A7J328	70B-A	RP/LE	RP/LE
B-163	44.3	A7J328	71B-A	RP/LE	RP/LE

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
B-164	44	A7J328	72B-A	RP/LE	RP/LE
B-165	44.3	A7J328	89B-A	RP/LE	RP/LE
B-165A	44.3	A7J328	90B-A	RP/LE	RP/LE
B-165B	45	A19134	91B-A	RP/LE	RP/LE
B-165C	45	A18731	92B-A	RP/LE	RP/LE
B-165D	45	A18731	178T-A	JH	JH
END BORE #3					
L-21	26.1	182718	23-B	RP/LE	RP/LE
L-22	45.1	182729 2deg LSB	24-B	RP/LE	BS
L-23	45.1	182729	25-B	RP/LE	JK
L-24	45.1	182729	26-B	RP/LE	LC
L-25	45.1	182729	27-B	RP/LE	JH
L-26	45.1	182729	28-B	RP/LE	CB
L-27	45.1	182729	29-B	RP/LE	SG
L-28	45.1	182729	30-B	RP/LE	CN
L-29	45.1	182729	31-B	RP/LE	BS
L-30	45.1	182729	32-B	RP/LE	JK
L-31	45.1	182729	33-B	RP/LE	LC
L-32	45.1	182728	34-B	RP/LE	JH
L-33	45.1	182728	35-B	RP/LE	CB
L-34	45.1	182728	36-B	RP/LE	SG
L-35	45.1	182728	37-B	RP/LE	CN
L-36	45.1	182729	38-B	RP/LE	BS
L-37	45.1	182729	39-B	RP/LE	JK
L-38	45.1	182728	40-B	RP/LE	LC

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-39	45.1	182728	41-B	RP/LE	JH
L-40	45.1	182728	42-B	RP/LE	CB
L-41	45.1	182729	43-B	RP/LE	SG
L-42	45.1	182728	44-B	RP/LE	CN
L-43	45.1	182728	45-B	RP/LE	BS
L-44	45.1	182729 2deg OB	46-B	RP/LE	JK
L-45	45.1	182729	47-B	RP/LE	LC
L-46	45.1	182729	48-B	RP/LE	JH
L-47	45.1	182729 6deg Sag	49-B	RP/LE	CB
L-48	45.1	182728	50-B	RP/LE	SG
L-49	45.1	182728	51-B	RP/LE	CN
L-50	45.1	182728	52-B	RP/LE	BS
L-51	45.1	182729	53-B	RP/LE	JK
L-52	34.1	182728	179T-A	JH	JH
L-53	45.1	182728	54-B	RP/LE	LC
L-54	45.1	182728	55-B	RP/LE	JH
L-55	45.1	182729 2deg OB	56-B	RP/LE	CB
L-56	45.1	182728 2deg RSB	57-B	RP/LE	SG
L-57	45.1	182729 2deg RSB	58-B	RP/LE	CN
L-58	45.1	182729	59-B	RP/LE	BS
L-59	45.1	182729 2deg RSB	60-B	RP/LE	JK
L-60	45.1	182729	61-B	RP/LE	LC
L-61	45.1	182729	62-B	RP/LE	JH
L-62	40.6	182729	180T-A	JH	JH

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-63	40.7	182729	63-B	RP/LE	CB
L-64	45.1	182729	64-B	RP/LE	SG
L-65	45.1	182729	65-B	RP/LE	CN
L-66	45.1	182729	66-B	RP/LE	BS
L-67	45.1	182728	67-B	RP/LE	JC
L-68	45.1	182728	68-B	RP/LE	LC
L-69	45.1	182728	69-B	RP/LE	JH
L-70	45.1	182728	70-B	RP/LE	CB
L-71	45.1	182728	71-B	RP/LE	SG
L-72	45.1	182728	72-B	RP/LE	CN
L-73	45.1	182729	73-B	RP/LE	BS
L-74	45.1	182729	74-B	RP/LE	JC
L-75	45.1	182729	75-B	RP/LE	LC
L-76	45.1	182729	76-B	RP/LE	JH
L-77	45.1	182729	77-B	RP/LE	CB
L-78	45.1	182729	78-B	RP/LE	SG
L-79	45.1	182729	79-B	RP/LE	CN
L-80	45.1	182729	80-B	RP/LE	BS
L-81	45.1	182729	81-B	RP/LE	JK
L-82	45.1	182729	82-B	RP/LE	LC
L-83	45.1	182729	83-B	RP/LE	JH
L-84	45.1	182729	84-B	RP/LE	CB
L-85	45.1	182728	85-B	RP/LE	SG
L-86	45.1	182729	86-B	RP/LE	CN

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-87	45.1	182729	192T-A	JH	JH
L-88	45.1	182728	87-B	RP/LE	BS
L-89	45.1	182728	191T-A	JH	JH
L-90	45.1	182729 5 deg. RSB	88-B	RP/LE	JK
L-91	45.1	182729 21deg. RSB	89-B	RP/LE	LC
L-92	45.1	182729 14deg. RSB	90-B	RP/LE	JH
L-93	45.1	182729	91-B	RP/LE	CB
L-94	45.1	182728	92-B	RP/LE	SG
L-95	45.1	182729	93-B	RP/LE	CN
L-96	45.1	182729	203T-A	JH	JH
L-97	35.4	813488	94-B	RP/LE	BS
L-98	45.1	182729	95-B	RP/LE	JK
L-99	45.1	182729	96-B	RP/LE	LC
L-100	45.1	182729	97-B	RP/LE	JH
L-101	45.1	182729	98-B	RP/LE	CB
L-102	45.1	182729	99-B	RP/LE	SG
L-103	45.1	182729	100-B	RP/LE	CN
L-104	45.1	182729 2deg. Sag	101-B	RP/LE	BS
L-105	45.1	182729	102-B	RP/LE	JK
L-106	45.1	182729	103-B	RP/LE	LC
L-107	45.1	182729	104-B	RP/LE	JH
L-108	45.1	182729	105-B	RP/LE	CB
L-109	45.1	182729 2deg. Sag	106-B	RP/LE	SG
L-110	45.1	182729	107-B	RP/LE	CN

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-111	45.1	182729	108-B	RP/LE	BS
L-112	45.1	182729	109-B	RP/LE	JK
L-113	45.1	182729	110-B	RP/LE	LC
L-114	45.1	182729	111-B	RP/LE	JH
L-115	45.1	182729	112-B	RP/LE	CB
L-116	45.1	182729	113-B	RP/LE	SG
L-117	45.1	182729	114-B	RP/LE	CN
L-118	45.1	182729	115-B	RP/LE	BS
L-119	45.1	182729	116-B	RP/LE	JK
L-120	45.1	182729	205T-A	JH	JH
L-121	45.1	182729	117-B	RP/LE	LC
L-122	45.1	182729	118-B	RP/LE	CB
L-123	45.1	182729	205T-A	JH	JH
L-124	35.1	182728	119-B	RP/LE	SG
L-125	45.1	182728	120-B	RP/LE	CN
L-126	45.1	182728	121-B	RP/LE	BS
L-127	45.1	182728	122-B	RP/LE	JK
L-128	45.1	182729	123-B	RP/LE	LC
L-129	45.1	182729	124-B	RP/LE	CB
L-130	45.1	182728	125-B	RP/LE	SG
L-131	35.2	182728	206T-A	JH	JH
BLOCK VALVE					
L-132	9.3	182729	207T-A	JH	JH
61st St. BORE BORE #4					
B-124	44.3	A7J328	29B-A	RP/LE	RP/LE
B-125	44.3	A7J328	28B-A	RP/LE	RP/LE

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
B-126	44.3	A7J328	238T-A	JH	JH
END BORE #4					
L-132A	43	182729	239T-A	JH	JH
45-1	6R 45	517673	240T-A	JH	JH
L-133	13	S73307	126-B	RP/LE	JK
L-134	42	S73307	127-B	RP/LE	LC
L-135	42	S73307	241T-A	JH	JH
45-2	6R 45	517673	242T-A	JH	JH
L-136	45.1	182729	128-B	RP/LE	BS
L-137	42.1	178368	129-B	RP/LE	JK
L-138	42.1	278731	130-B	RP/LE	CB
L-139	42.1	278730	131-B	RP/LE	SG
L-140	42.1	S73307	132-B	RP/LE	CN
L-141	42.1	278731	133-B	RP/LE	BS
L-142	39.5	178360	134-B	RP/LE	JK
L-143	42	S73307	135-B	RP/LE	LC
L-144	42	S73306	136-B	RP/LE	CB
L-145	40	N72776	137-B	RP/LE	SG
L-146	45.1	712158	138-B	RP/LE	CN
L-147	45.1	712153	139-B	RP/LE	BS
L-148	45.1	172729	140-B	RP/LE	JK
L-149	45.1	172153	141-B	RP/LE	LC
L-150	45.1	712097	243T-A	JH	JH
L-151	45.1	712097	142-B	RP/LE	CB
L-152	45.1	712153	97-A	RP/LE	SG

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-153	45.1	724081	98-A	RP/LE	CN
L-154	45.1	712153	244T-A	JH	JH
L-155	39.1	S73307	99-A	RP/LE	BS
L-156	45.1	712153	100-A	RP/LE	JK
L-157	45.1	712153	101-A	RP/LE	LC
L-158	45.1	412153	102-A	RP/LE	CB
L-159	45.1	712153	103-A	RP/LE	SG
L-160	45.1	712153	104-A	RP/LE	JH
L-161	45.1	712153	105-A	RP/LE	CN
L-162	45.1	182728	106-A	RP/LE	BS
L-163	45.1	712153	107-A	RP/LE	JK
L-164	45.1	712153	108-A	RP/LE	LC
L-165	45.1	712097	109-A	RP/LE	CB
L-166	45.1	712097	110-A	RP/LE	SG
L-167	45.1	712097	111-A	RP/LE	JH
L-168	42.1	S73307	112-A	RP/LE	CN
L-169	40	S73307	113-A	RP/LE	BS
L-170	42.1	278731	114-A	RP/LE	JK
L-171	44	178728	115-A	RP/LE	LC
L-172	42.1	278732	116-A	RP/LE	CB
L-173	42.1	278731	143-B	RP/LE	SG
L-174	42.1	178369	144-B	RP/LE	JH
L-175	42.1	S73307	145-B	RP/LE	CN
L-176	42.1	278731	146-B	RP/LE	BS

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-177	42.1	278731 2deg OB	147-B	RP/LE	JK
L-178	42.1	N72776 3deg OB	148-B	RP/LE	LC
L-179	42.1	N72776	149-B	RP/LE	CB
L-180	42.1	278730	150-B	RP/LE	SG
L-181	42.1	S73307	151-B	RP/LE	JH
L-182	42.1	278730	152-B	RP/LE	CN
L-183	42.1	N72776	153-B	RP/LE	BS
L-184	42.1	S70037	154-B	RP/LE	JK
L-185	42.1	S70037	155-B	RP/LE	LC
L-186	40.1	S70037	156-B	RP/LE	CB
L-187	42.1	178369	157-B	RP/LE	SG
L-188	42.6	S70037	158-B	RP/LE	JH
L-189	42.1	278730	159-B	RP/LE	CN
L-190	42.1	N72776	160-B	RP/LE	BS
L-191	42.1	278732	161-B	RP/LE	JK
L-192	42.7	S70037	162-B	RP/LE	LC
L-193	42.1	278739	163-B	RP/LE	CB
L-194	42.1	S70037	164-B	RP/LE	SG
L-195	42.1	178369	165-B	RP/LE	JH
L-196	42.1	N72776	166-B	RP/LE	CN
L-197	42.1	S73307	167-B	RP/LE	BS
L-198	42.1	278730	168-B	RP/LE	JK
L-199	42.1	N72770	169-B	RP/LE	LC
L-200	42.1	278732	170-B	RP/LE	CB

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-201	42.1	278732	171-B	RP/LE	SG
L-202	42.1	278731	172-B	RP/LE	JH
L-203	41.9	178728	173-B	RP/LE	CN
L-204	42.1	278731	174-B	RP/LE	BS
L-205	42.1	178369	175-B	RP/LE	JK
L-206	42.6	S73307	176-B	RP/LE	LC
L-207	42.1	278730	255T-A	JH	JH
L-208	32.1	278731	177-B	RP/LE	CB
L-209	42.1	278731	178-B	RP/LE	SG
L-210	42.1	178368	179-B	RP/LE	LC/BS
L-211	42.1	N72776	180-B	RP/LE	CN
L-212	42.1	178368	181-B	RP/LE	SG/JK
L-213	42.1	N73776	182-B	RP/LE	SG
L-214	42.1	178368	183-B	RP/LE	BS
L-215	42.1	278731	184-B	RP/LE	JK
L-216	42.1	278731	185-B	RP/LE	LC
L-217	42.1	278730	186-B	RP/LE	JH
L-218	42.1	278732	187-B	RP/LE	CN
L-219	42.1	178368 2deg Sag	188-B	RP/LE	SG
L-220	42.1	S73307	189-B	RP/LE	BS
L-221	42.1	S73307 2deg Sag	190-B	RP/LE	JK
L-222	42.1	S73307	191-B	RP/LE	LC
L-223	42.1	178368 2deg OB	192-B	RP/LE	JH
L-224	42.1	S73307	193-B	RP/LE	CN

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-225	42.1	N72776	194-B	RP/LE	SG
L-226	42.1	S73307	195-B	RP/LE	BS
L-227	42.1	278731	196-B	RP/LE	JK
L-228	42.1	S73307	197-B	RP/LE	LC
L-229	42.1	S73307	198-B	RP/LE	JH
L-230	42.1	278732	199-B	RP/LE	CN
L-231	42.1	N72776	200-B	RP/LE	CB
L-232	42.1	S73307	201-B	RP/LE	SG
L-233	42.1	278732	202-B	RP/LE	BS
L-234	42.1	278731	203-B	RP/LE	JK
L-235	42.1	278732	204-B	RP/LE	LC
L-236	42.1	N72776	205-B	RP/LE	JH
L-237	42.1	N72776	206-B	RP/LE	CN
L-238	42.1	7R6597	207-B	RP/LE	JK
L-239	42.1	278731	208-B	RP/LE	LC
L-240	42.1	S73307	209-B	RP/LE	JH
L-241	42.1	278732	210-B	RP/LE	CN
L-242	42.1	278731	266T-A	JH	JH
L-243	33.1	178369	267T-A	JH	JH
L-243A	6	178369	268T-A	JH	JH
60th St. / WETLAND BORE BORE #5					
B-100	44.5	A7J328	23B-A	RP/LE	RP/LE
B-101	44.5	A7J328	22B-A	RP/LE	RP/LE
B-102	44.6	A7J328	21B-A	RP/LE	RP/LE
B-103	44.5	A7J328	20B-A	RP/LE	RP/LE

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JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
B-104	44.3	A7J328	19B-A	RP/LE	RP/LE
B-105	44.3	A7J328	18B-A	RP/LE	RP/LE
B-106	44.3	A7J328	17B-A	RP/LE	RP/LE
B-107	44.3	A7J328	16B-A	RP/LE	RP/LE
B-108	44.3	A7J328	15B-A	RP/LE	RP/LE
B-109	44.3	A7J328	14B-A	RP/LE	RP/LE
B-110	44.3	A7J328	13B-A	RP/LE	RP/LE
B-111	44.3	A7J328	12B-A	RP/LE	RP/LE
B-112	44.3	A7J328	11B-A	RP/LE	RP/LE
B-113	44.3	A7J328	10B-A	RP/LE	RP/LE
B-114	44.5	A7J328	9B-A	RP/LE	RP/LE
B-115	44.2	A7J328	8B-A	RP/LE	RP/LE
B-116	44.3	A7J328	7B-A	RP/LE	RP/LE
B-117	44.2	A7J328	6B-A	RP/LE	RP/LE
B-118	44.3	A7J328	5B-A	RP/LE	RP/LE
B-119	44.3	A7J328	4B-A	RP/LE	RP/LE
B-120	44.3	A7J328	3B-A	RP/LE	RP/LE
B-121	44.3	A7J328	2B-A	RP/LE	RP/LE
B-122	44.3	A7J328	1B-A	RP/LE	RP/LE
B-123	44.3	A7J328	269T-A	JH	JH
END BORE #5					
L-244A	6	722153	270T-A	JH	JH
L-244	37.1	178728	211-B	RP/LE	JH
L-245	42.1	278731	212-B	RP/LE	JK
L-246	42.1	178728 3deg OB	213-B	RP/LE	LC

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-247	37	278731 2deg sag	214-B	RP/LE	BS
L-248	42.1	178369	215-B	RP/LE	CN
L-249	42.1	278731	216-B	RP/LE	SG
L-250	42.1	278731	217-B	RP/LE	CB
L-251	42.1	278731	218-B	RP/LE	JH
L-252	42.1	278731	219-B	RP/LE	JK
L-253	42	S73307	220-B	RP/LE	LC
L-254	42.1	178368	221-B	RP/LE	BS
L-255	42	S73307	222-B	RP/LE	CN
L-256	42.1	278731	223-B	RP/LE	SG
L-257	42.1	278731	224-B	RP/LE	CB
L-258	39.7	S73307	225-B	RP/LE	JH
L-259	42.1	278731	226-B	RP/LE	JK
L-260	40	7R6597	227-B	RP/LE	LC
L-261	40	N72776	228-B	RP/LE	BS
L-262	39.7	S73307	229-B	RP/LE	CN
L-263	39.7	S73307	230-B	RP/LE	SG
L-264	42.1	278732	231-B	RP/LE	CB
L-265	40	S73307 2deg OB	232-B	RP/LE	JH
L-266	42.1	178368	233-B	RP/LE	JK
L-267	42.1	178368	234-B	RP/LE	LC
L-268	40	S73307 2deg Sag	235-B	RP/LE	BS
L-269	39	S73307	236-B	RP/LE	CN
L-270	32.8	278730	237-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-271	42.2	A16797	238-B	RP/LE	CB
L-272	42.1	A16792	239-B	RP/LE	JH
L-273	42	178369	240-B	RP/LE	JK
L-274	42	278730 2deg OB	241-B	RP/LE	LC
L-275	42	278739 2deg OB	242-B	RP/LE	BS
L-276	40	278739	243-B	RP/LE	CN
L-277	40	278739 1deg Sag	244-B	RP/LE	SG
L-278	42	178368	245-B	RP/LE	CB
L-279	42.1	278731	246-B	RP/LE	JH
L-280	39.1	278739 2deg Sag	247-B	RP/LE	JK
L-281	42.1	278732	248-B	RP/LE	LC
L-282	42.1	278731 2deg OB	249-B	RP/LE	BS
L-283	42.1	178368	296T-A	JH	JH
L-284	42	178369	250-B	RP/LE	CN
L-285	42	178369	251-B	RP/LE	JH
L-286	42.1	278732	252-B	RP/LE	JK
L-287	42.1	278732	297T-A	JH	JH
L-288	42.1	278731	253-B	RP/LE	SG
L-289	42.1	178369	254-B	RP/LE	CB
L-290	42.1	278731	298T-A	JH	JH
L-291	42	178369	255-B	RP/LE	LC
L-292	41	278153	256-B	RP/LE	BS
L-293	42	278731	257-B	RP/LE	CN
L-294	41	278739	299T-A	JH	JH

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-295	33	278731	258-B	RP/LE	SG
L-296	42.1	178369	259-B	RP/LE	CB
L-297	42	178369	260-B	RP/LE	JH
L-298	42	178369 1deg Sag	261-B	RP/LE	JK
L-299	42	178728	262-B	RP/LE	LC
L-300	42.1	278730	117-A	RP/LE	BS
L-301	42.1	278732	118-A	RP/LE	CN
L-302	42	178368	119-A	RP/LE	SG
L-303	42	178368	120-A	RP/LE	CB
L-304	42	278731	121-A	RP/LE	JH
L-305	42.1	278730	122-A	RP/LE	JK
L-306	42.2	A16793	123-A	RP/LE	LC
L-307	42.2	A16793	124-A	RP/LE	BS
L-308	42.1	A16793 2deg Sag	125-A	RP/LE	CN
L-309	42.2	A16793	126-A	RP/LE	SG
L-310	42.1	A16907	127-A	RP/LE	CB
L-311	42.1	A16790	128-A	RP/LE	JH
L-312	42.2	A16908	129-A	RP/LE	JK
L-313	42.1	A16907	130-A	RP/LE	LC
L-314	42.2	A16907	131-A	RP/LE	BS
L-315	42.2	A16907	132-A	RP/LE	CN
L-316	42.1	A16907	133-A	RP/LE	SG
L-317	42.1	A16907	134-A	RP/LE	CB
L-318	42.2	A16796 3deg Sag	135-A	RP/LE	JH

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-319	42.2	A16796	136-A	RP/LE	JK
L-320	42.2	A16796	263-B	RP/LE	LC
L-321	42.1	A16908	264-B	RP/LE	BS
L-322	42.2	A16793	265-B	RP/LE	CN
L-323	42.1	A16907	300T-A	JH	JH
L-324	42.1	A16907	266-B	RP/LE	SG
L-325	42.1	A16907	267-B	RP/LE	CB
L-326	42.1	A16795	268-B	RP/LE	JH
L-327	42.2	A16793	301T-A	JH	JH
L-328	38	A16907	269-B	RP/LE	JK
L-329	42.1	A16907	270-B	RP/LE	LC
L-330	42.2	A16908	271-B	RP/LE	BS
L-331	42.2	A16908	272-B	RP/LE	CN
L-332	42.1	A16796	273-B	RP/LE	SG
L-333	42.2	A16796	274-B	RP/LE	CB
L-334	42.2	A16908	275-B	RP/LE	JH
L-335	42.1	A16908	276-B	RP/LE	JK
L-336	42.1	A16797	277-B	RP/LE	LC
L-337	42.1	A16792	278-B	RP/LE	BS
L-338	42.1	A16792	279-B	RP/LE	CN
L-339	42.1	A16792	280-B	RP/LE	SG
L-340	42.1	A16908	281-B	RP/LE	CB
L-341	42.1	A16797	282-B	RP/LE	JH
L-342	42.1	A16797	283-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-343	42.2	A16797	284-B	RP/LE	LC
L-344	31	A16793	302T-A	JH	JH
SWD LOCATION BORE BORE #6					
B-127	44.5	A7J328	27B-A	RP/LE	RP/LE
B-128	44.5	A7J328	26B-A	RP/LE	RP/LE
B-129	44.5	A7J328	303T-A	JH	JH
END BORE #6					
L-345	42.2	A16797	285-B	RP/LE	JH
L-346	42	178369	286-B	RP/LE	JK
L-347	42.1	278731	287-B	RP/LE	LC
L-348	42	278732	288-B	RP/LE	BS
L-349	39.5	178368	304T-A	JH	JH
L-350	39.5	278732	290-B	RP/LE	SG
L-351	42	178369	291-B	RP/LE	CB
L-352	42	178368	292-B	RP/LE	JH
L-353	42.1	178368	293-B	RP/LE	JK
L-354	32.1	278731	305T-A	JH	JH
L-354B	6	A16793	306T-A	JH	JH
59th St. BORE BORE #7					
B-130	44.5	A7J328	25B-A	RP/LE	RP/LE
B-131	44.6	A7J328	24B-A	RP/LE	RP/LE
B-132	44.5	A7J328	307T-A	JH	JH
END BORE #7					
L-355	41.9	278731	294-B	RP/LE	LC
L-356	42.1	178368	295-B	RP/LE	BS
L-357	42	278732	296-B	RP/LE	CN
L-358	42	178728	297-B	RP/LE	SG
L-359	41	278732	308T-A	JH	JH

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-359B	8	A16907	309T-A	JH	JH
L-360	38	178368	298-B	RP/LE	CB
L-361	42	178728	137-A	RP/LE	JH
L-362	42.1	278731	138-A	RP/LE	JK
L-363	42	278731	139-A	RP/LE	LC
L-364	42	178728	140-A	RP/LE	BS
L-365	42.1	178368	299-B	RP/LE	CN
L-366	42.1	178369	300-B	RP/LE	SG
L-367	42.1	178369	301-B	RP/LE	CB
L-368	42	178369	302-B	RP/LE	JH
L-369	42.1	178369	303-B	RP/LE	JK
L-370	42	178728	304-B	RP/LE	LC
L-371	42	178369 3deg OB	305-B	RP/LE	BS
L-372	42	278731	306-B	RP/LE	CN
L-373	42.1	178368	307-B	RP/LE	SG
L-374	42	178728 2deg OB	308-B	RP/LE	CB
L-375	42.1	278731 2deg OB	309-B	RP/LE	JH
L-376	42.1	278731 2deg Sag	310-B	RP/LE	JK
L-377	42.1	178369	311-B	RP/LE	LC
L-378	42.1	278731	312-B	RP/LE	BS
L-379	42.1	278731	313-B	RP/LE	CN
L-380	42	A16798	314-B	RP/LE	SG
L-381	42.1	A16798	315-B	RP/LE	CB
L-382	42	278781	316-B	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-383	42.1	278731	317-B	RP/LE	CN
L-384	42	278731	318-B	RP/LE	SG
L-385	42.2	A16790	319-B	RP/LE	CB
L-386	42.1	A16790	320-B	RP/LE	SG
L-387	42.1	A16907	321-B	RP/LE	BS
L-388	42.2	A16793	322-B	RP/LE	JK
L-389	42.1	A16793	323-B	RP/LE	LC
L-390	42.1	A16791	324-B	RP/LE	CN
L-391	42.1	A16791	325-B	RP/LE	SG
L-392	42.1	A16797	326-B	RP/LE	BS
L-393	42.1	A16797	327-B	RP/LE	JK
L-394	42.2	A16791	328-B	RP/LE	LC
L-395	42.1	A16790	329-B	RP/LE	CN
L-396	42.1	A16791	330-B	RP/LE	CB
L-397	42.1	A16797	331-B	RP/LE	SG
L-398	42.1	A16797	332-B	RP/LE	BS
L-399	42.1	A16797	333-B	RP/LE	JK
L-400	42.1	A16797 3deg Sag	334-B	RP/LE	LC
L-401	42.1	A16795	335-B	RP/LE	CN
L-402	42.1	A16790	336-B	RP/LE	CB
L-403	42.1	A16795	310T-A	JH	JH
L-404	34	A16795	337-B	RP/LE	SG
L-405	42.1	A16795	338-B	RP/LE	BS
L-406	42.1	A16792	339-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-407	42.1	A16797	340-B	RP/LE	LC
L-408	42.1	A16795	341-B	RP/LE	CN
L-409	42.1	A16797	342-B	RP/LE	CB
L-410	42.1	A16795	343-B	RP/LE	SG
L-411	36	278731 4deg Sag	344-B	RP/LE	BS
L-412	42	178369	345-B	RP/LE	JK
L-413	42.1	178368 4deg OB	346-B	RP/LE	LC
L-414	42	278732	347-B	RP/LE	CN
L-415	42	278789	348-B	RP/LE	CB
L-416	42.1	278831	349-B	RP/LE	SG
L-417	42.1	A16795	350-B	RP/LE	BS
L-418	42.1	A16791	351-B	RP/LE	JK
L-419	42.1	278731	352-B	RP/LE	LC
L-420	42.1	278731	353-B	RP/LE	CN
L-421	42.1	178728	354-B	RP/LE	CB
L-422	42.1	278731 3deg Sag	355-B	RP/LE	SG
L-423	42.1	278731	356-B	RP/LE	BS
L-424	42.1	278732 2deg OB	357-B	RP/LE	JK
L-425	42.1	178368	358-B	RP/LE	LC
L-426	42	278739	359-B	RP/LE	CN
L-427	42.1	278731	360-B	RP/LE	CB
L-428	42.1	178369	361-B	RP/LE	SG
L-429	42.1	S73307	362-B	RP/LE	BS
L-430	42.1	278739 2deg Sag	363-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-431	40	N72776	364-B	RP/LE	LC
L-432	41	N72776	365-B	RP/LE	CN
L-433	42	878397	366-B	RP/LE	CB
L-434	42	S73307 2deg OB	367-B	RP/LE	SG
L-435	40.1	S73307	368-B	RP/LE	BS
L-436	42.1	178728	369-B	RP/LE	JK
L-437	42.1	178728	370-B	RP/LE	LC
L-438	42.1	178728	371-B	RP/LE	CN
L-439	40.2	S73306	372-B	RP/LE	CB
L-440	42.1	278739	373-B	RP/LE	SG
L-441	42.1	S73306	374-B	RP/LE	BS
L-442	42.1	N72776	375-B	RP/LE	JK
L-443	40	178369	376-B	RP/LE	LC
L-444	42.1	A16791	377-B	RP/LE	CN
L-445	42.1	A16791	378-B	RP/LE	CB
L-446	42.1	B21005	379-B	RP/LE	SG
L-447	42.1	A16795	380-B	RP/LE	BS
L-448	42.1	A16791	381-B	RP/LE	JK
L-449	42.1	A16796	382-B	RP/LE	LC
L-450	42.1	A16791	383-B	RP/LE	CN
L-451	42.1	A16796	384-B	RP/LE	CB
L-452	42.1	A16791	385-B	RP/LE	SG
L-453	42.1	A16791	350T-A	JH	JH
L-454	31.2	A16791	386-B	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-455	42.1	A16791	387-B	RP/LE	JK
L-456	42.1	A16791	388-B	RP/LE	LC
L-457	42.1	A16791	389-B	RP/LE	CN
L-458	42.2	A16791	349T-A	JH	JH
L-459	42.1	A16791 2deg OB	390-B	RP/LE	CB
L-460	42.1	A16797	391-B	RP/LE	SG
L-461	42.1	A16791 3deg Sag	392-B	RP/LE	BS
L-462	42.1	A16791	393-B	RP/LE	JK
L-463	42.1	A16791	394-B	RP/LE	LC
L-464	42.1	A16791	395-B	RP/LE	CN
L-465	42.1	A16791	396-B	RP/LE	CB
L-466	42.1	A16796	397-B	RP/LE	SG
L-467	42.1	A16796	398-B	RP/LE	BS
L-468	42.1	A16797	399-B	RP/LE	JK
L-469	42.1	A16797	400-B	RP/LE	LC
L-470	42	178368	401-B	RP/LE	CN
L-471	42.1	278781	402-B	RP/LE	CB
L-472	42	278731 5deg RSB	403-B	RP/LE	SG
L-473	41.4	N72776	404-B	RP/LE	BS
L-474	42	178369	405-B	RP/LE	JK
L-475	41.4	278732 3deg Sag	406-B	RP/LE	LC
L-476	42	178728	407-B	RP/LE	CN
L-477	37.6	S73307 2deg OB	408-B	RP/LE	CB
L-478	42	278730	348T-A	JH	JH

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L478B	13	S73307	347T-A	JH	JH
58th St. BORE #8					
B-144	44.5	A7J328	39B-A	RP/LE	RP/LE
B-145	44.5	A7J328	40B-A	RP/LE	RP/LE
B-146	44.5	A7J328	351T-A	JH	JH
END BORE #8					
L-479	21	278730	409-B	RP/LE	BS
L-480	42.1	178368	410-B	RP/LE	JK
L-481	42.1	278731 2deg Sag	411-B	RP/LE	SG
L-482	42.1	178369	412-B	RP/LE	LC
L-483	42.1	278732 2deg OB	413-B	RP/LE	CN
L-484	42.1	178368	414-B	RP/LE	CB
L-485	45	813920	415-B	RP/LE	BS
L-486	45	813920 3deg OB	416-B	RP/LE	JK
L-487	45	813920 5deg Sag	417-B	RP/LE	SG
L-488	45	813920	418-B	RP/LE	LC
L-489	45	813480 2deg OB	419-B	RP/LE	CN
L-490	45	818921	420-B	RP/LE	CB
L-491	45	818921	143-A	RP/LE	BS
L-492	45	813921	144-A	RP/LE	JK
L-493	45	813021	145-A	RP/LE	SG
L-494	45	813921	146-A	RP/LE	LC
L-495	45	813920	147A	RP/LE	CN
L-496	45	813489	148-A	RP/LE	CB
L-497	45	813489	149-A	RP/LE	BS
L-498	45	813489	150-A	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-499	45	813489	151-A	RP/LE	SG
L-500	45	813489 2deg Sag	152-A	RP/LE	LC
L-501	45	813921	421-B	RP/LE	CN
L-502	45	813921 4deg Sag	422-B	RP/LE	CB
L-503	45	813920	423-B	RP/LE	BS
L-504	45	813920 1deg OB	424-B	RP/LE	JK
L-505	42.1	N72776	425-B	RP/LE	SG
L-506	42.1	N72776	426-B	RP/LE	LC
L-507	39.6	N72776 2deg OB	427-B	RP/LE	RP
L-508	40	N72776 2deg OB	428-B	RP/LE	CB
L-509	42.1	278730	429-B	RP/LE	BS
L-510	42.2	A16907 14deg Sag	430-B	RP/LE	JK
L-511	42.1	A16907	431-B	RP/LE	SG
L-512	42.2	A16700 3deg OB	432-B	RP/LE	LC
L-513	42.2	A16796	433-B	RP/LE	CN
L-514	42.1	A16908	434-B	RP/LE	CB
L-515	42.1	A16908	435-B	RP/LE	BS
L-516	42.1	A16907	352T-A	JH	JH
L-517	32	A16792	436-B	RP/LE	JK
I-518	42.1	A16792	437-B	RP/LE	SG
L-519	42.1	A16797	438B	RP/LE	LC
L-520	42.1	A16907	439-B	RP/LE	CN
L-521	42.1	A16792	440-B	RP/LE	CB
L-522	42.1	A16792	441-B	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-523	42.1	A16907	442-B	RP/LE	JK
L-524	42.1	A16792	443-B	RP/LE	SG
L-525	42.1	A16792	444-B	RP/LE	LC
L-526	42.1	A16792	153-A	RP/LE	CN
L-527	42.1	A16792	154-A	RP/LE	CB
L-528	42.1	A16797	155-A	RP/LE	BS
L-529	42.1	A16907	156-A	RP/LE	JK
L-530	42.1	A16907 12deg Sag	157-A	RP/LE	SG
L-531	42.1	A16792	158-A	RP/LE	LC
L-532	42.1	A16792 4deg OB	159-A	RP/LE	CN
L-533	42.1	A16792	160-A	RP/LE	CB
L-534	42.1	A16792	161-A	RP/LE	BS
L-535	42.2	A16798	162-A	RP/LE	JK
L-536	42.1	A16793	445-B	RP/LE	SG
L-537	42.2	A16792 4deg Sag	446-B	RP/LE	LC
L-538	42.1	A16733 2deg Sag	447-B	RP/LE	CN
L-539	42.1	A16792	448-B	RP/LE	CB
L-540	42.1	278731	449-B	RP/LE	BS
L-541	42	7R6957 3deg OB	450-B	RP/LE	JK
L-542	42	278732	451-B	RP/LE	SG
L-543	42	178728	452-B	RP/LE	LC
L-544	42.1	278731	453-B	RP/LE	CN
L-545	42.1	278731	454-B	RP/LE	CB
L-546	42.1	278731	455-B	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-547	42.1	278731 6deg OB	456-B	RP/LE	JK
L-548	37	278731	457-B	RP/LE	SG
L-549	37	178368 7deg Sag	458-B	RP/LE	LC
L-550	42.1	278731	459-B	RP/LE	CN
L-551	42	278731	460-B	RP/LE	CB
L-552	42	N72776	461-B	RP/LE	BS
L-553	42	N72776 7deg Sag	462-B	RP/LE	JK
L-554	42	N72776	463-B	RP/LE	SG
L-555	42.4	S73307	464-B	RP/LE	LC
L-556	42	178369	465-B	RP/LE	CN
L-557	41	278732	466-B	RP/LE	CB
L-558	42.1	278731	467-B	RP/LE	BS
L-559	42.1	278731 2deg Sag	468-B	RP/LE	JK
L-560	42.1	278731	469-B	RP/LE	SG
L-561	42.1	178368 2deg OB	470-B	RP/LE	LC
L-562	42.1	178368	70T-C	JH	JH
L-563	42	278731	471-B	RP/LE	CN
L-564	42	278731 6deg Sag	472-B	RP/LE	CB
L-565	42.1	178368 4deg Sag	473-B	RP/LE	BS
L-566	42.1	278731 7deg OB	474-B	RP/LE	JK
L-567	42.1	278739 4deg OB	475-B	RP/LE	SG
L-568	42.1	178369 5deg Sag	476-B	RP/LE	BS
L-569	42.1	278732	71T-C	JH	JH
L-570	29	278732	477-B	RP/LE	LC

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-571	42.1	178368	478-B	RP/LE	CN
L-572	42.1	278731 3deg.Sag	479-B	RP/LE	CB
L-573	42.1	178368	480-B	RP/LE	BS
L-574	42.1	N72776	481-B	RP/LE	JK
L-575	42.1	278731	482-B	RP/LE	SG
L-576	42	278732	483-B	RP/LE	LC
L-577	42.1	S73307 3deg OB	484-B	RP/LE	CN
L-578	42.1	178368	485-B	RP/LE	CB
L-579	42.1	278739	486-B	RP/LE	BS
L-580	42.2	278732	487-B	RP/LE	JK
L-581	42.6	S73307 2deg OB	488-B	RP/LE	SG
L-582	42.1	178368	489-B	RP/LE	LC
L-583	42.1	178368	490-B	RP/LE	CN
L-584	42.1	178328	491-B	RP/LE	CB
L-585	39.7	N72776 6deg Sag	492-B	RP/LE	BS
L-586	42	S73307 2deg Sag	493-B	RP/LE	JK
L-587	42	178368	494-B	RP/LE	SG
L-588	42.1	N72776	495-B	RP/LE	LC
L-589	42.5	S73307	496-B	RP/LE	CN
L-590	42.1	N72776	497-B	RP/LE	CB
L-591	42.1	178368	353T-A	JH	JH
45-3	6R 45	517673	354T-A	JH	JH
L-592A	31	N72776	355T-A	JH	JH
L-592	42	N72776	498-B	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-593	42	N72776	499-B	RP/LE	JK
L-594	41.1	278730	500-B	RP/LE	SG
L-595	42	278731 14deg RSB	501-B	RP/LE	LC
L-596	42.1	278732 16deg RSB	502-B	RP/LE	CN
L-597	42.1	278730 12deg RSB	503-B	RP/LE	CB
L-598	42.2	N72776 8deg RSB	504-B	RP/LE	BS
L-599	42	N72776 6deg RSB	505-B	RP/LE	JK
L-600	42	178368	506-B	RP/LE	SG
L-601	42.1	178368	507-B	RP/LE	LC
L-602	31	178368	357T-A	JH	JH
45-4	6R 45	517673	358T-A	RP	RP
L-603	42.1	S73307	508-B	RP/LE	CN
L-604	42.1	S73307	356T-A	RP	RP
L-605	42.1	278731	359T-A	RP	RP
L-606	39.6	N72776	509-B	RP/LE	CB
L-607	32.7	278732	510-B	RP/LE	BS
L-608	42.1	178369 2deg OB	511-B	RP/LE	JK
L-609	42	S78307 2deg OB	512-B	RP/LE	SG
L-610	42.1	A18907	513-B	RP/LE	LC
L-611	42.1	A16790	514-B	RP/LE	CN
L-612	42.1	A16907 2deg Sag	515-B	RP/LE	CB
L-613	42.1	A16907 2deg OB	516-B	RP/LE	BS
L-614	42.1	A16907	168-A	RP/LE	JK
L-615	42.1	A16793	169-A	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-616	42.1	A16793	170-A	RP/LE	LC
L-617	42.1	A16703	171-A	RP/LE	CN
L-618	42	A16908	172-A	RP/LE	CB
L-619	42.1	A16908	173-A	RP/LE	BS
L-620	42.1	A16793	174-A	RP/LE	JK
L-621	42.1	A16793	175-A	RP/LE	SG
L-622	42.1	A16798	176-A	RP/LE	LC
L-623	42.1	A16796	177-A	RP/LE	CN
L-624	42.1	A16907	517-B	RP/LE	CB
L-625	42.1	A16907	518-B	RP/LE	BS
L-626	42.1	A16793	519-B	RP/LE	JK
L-627	42.1	A16793 2deg OB	520-B	RP/LE	SG
L-628	42.1	A16790	521-B	RP/LE	LC
L-629	42.1	A16908	522-B	RP/LE	CN
L-630	42.1	A16908	523-B	RP/LE	CB
L-631	42.1	A16908	524-B	RP/LE	BS
L-632	42.2	A16797	525-B	RP/LE	JK
L-633	42.1	A16796	526-B	RP/LE	SG
L-634	42.1	S73306	527-B	RP/LE	LC
L-635	42	A16790	528-B	RP/LE	CN
L-636	42.1	A16790	529-B	RP/LE	CB
L-637	42.1	A16790	530-B	RP/LE	BS
L-638	42.2	A16907	531-B	RP/LE	JK
L-639	42.2	A16908	532-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-640	42.1	178368 2deg Sag	533-B	RP/LE	LC
L-641	42.2	A16908 2deg OB	534-B	RP/LE	CN
L-642	42	278730 2deg OB	535-B	RP/LE	CB
L-643	42	278730	536-B	RP/LE	BS
L-644	42.1	178368 2deg Sag	537-B	RP/LE	JK
L-645	42	178368 2deg Sag	360T-A	RP	RP
L-646	37	178368	538-B	RP/LE	SG
L-647	42.1	N72776	539-B	RP/LE	LC
L-648	42	N72776	540-B	RP/LE	CN
L-649	42	N72776 4deg Sag	541-B	RP/LE	JK/BS
L-650	42	N72776	542-B	RP/LE	SG
L-651	42	N72776 5deg OB	543-B	RP/LE	LC
L-652	42	S73307	544-B	RP/LE	CN/CB
L-653	42	178728	545-B	RP/LE	CB
L-654	42	178368 4deg OB	546-B	RP/LE	LC
L-655	42.1	N72776	547-B	RP/LE	SG
L-656	42.1	178368	548-B	RP/LE	BS
L-657	42.1	178368	549-B	RP/LE	JK
L-658	42.1	178369	550-B	RP/LE	CN
L-659	42.1	N72776 3deg Sag	551-B	RP/LE	CB
L-660	42.1	N72776	552-B	RP/LE	LC
L-661	42.1	278730	553-B	RP/LE	SG
L-662	42.1	N72776	554-B	RP/LE	BS
L-663	42.1	S73307	555-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-664	42.1	178368	556-B	RP/LE	CN
L-665	42.1	S73807	557-B	RP/LE	CB
L-666	42.1	278736 2deg OB	558-B	RP/LE	LC
L-667	42	S73807	559-B	RP/LE	SG
L-668	42.1	S73807	560-B	RP/LE	BS
L-669	42.2	A16709 2deg Sag	561-B	RP/LE	JK
L-670	42.1	A16792 2deg Sag	562-B	RP/LE	CN
L-671	42.2	A16790	563-B	RP/LE	CB
L-672	42.1	A16907	564-B	RP/LE	LC
L-673	42.2	A16793	565-B	RP/LE	SG
L-674	42.2	A16793	566-B	RP/LE	BS
L-675	42.2	A16790	361T-A	RP	RP
L-676	34.2	A16790	567-B	RP/LE	JK
L-677	42.2	A16793 2deg OB	568-B	RP/LE	CN
L-678	42.1	A16790	569-B	RP/LE	CB
L-679	42.1	A16907	570-B	RP/LE	LC
L-680	42.1	A16790	571-B	RP/LE	SG
L-681	42.1	A16793 3deg Sag	572-B	RP/LE	BS
L-682	42.1	A16790 5deg Sag	573-B	RP/LE	JK
L-683	42.2	A16793	574-B	RP/LE	CN
L-684	42.2	A16790 4deg OB	575-B	RP/LE	CB
L-685	42.2	A16793	576-B	RP/LE	LC
L-686	42.2	A16790	577-B	RP/LE	SG
L-687	42.1	A16793	578-B	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-688	42.2	A16790	579-B	RP/LE	JK
L-689	42.1	A16793	580-B	RP/LE	CN
L-690	42.1	A16793	581-B	RP/LE	CB
L-691	42.1	A16793	582-B	RP/LE	LC
L-692	42.2	A16793	583-B	RP/LE	SG
L-693	42.1	A16907	584-B	RP/LE	BS
L-694	42.1	A16907	585-B	RP/LE	JK
L-695	42.1	A16790	586-B	RP/LE	CN
L-696	42.2	A16793 2deg OB	587-B	RP/LE	CB
L-697	42.1	A16793 2deg Sag	588-B	RP/LE	LC
L-698	42.2	A16793 2deg Sag	589-B	RP/LE	SG
L-699	42.2	A16796 2deg OB	590-B	RP/LE	BS
L-700	42.1	A16796	591-B	RP/LE	JK
L-701	42.1	A16796 2deg Sag	592-B	RP/LE	CN
L-702	42.2	A16793	593-B	RP/LE	CB
L-703	42.2	A16793	594-B	RP/LE	LC
L-704	42.1	A16793	595-B	RP/LE	SG
L-705	42.1	A16793	596-B	RP/LE	BS
L-706	42.2	A16796	597-B	RP/LE	JK
L-707	42.1	A16907	598-B	RP/LE	CN
L-708	42.2	A16796	599-B	RP/LE	LC
L-709	42.2	A16908 4deg OB	600-B	RP/LE	SG
L-710	42.1	A16792 11deg LSB	601-B	RP/LE	BS
L-711	42.1	A16792	602-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-712	42.1	A16907	603-B	RP/LE	CN
L-713	42.1	A16792	362T-A	RP	RP
L-713B	9	278732	363T-A	RP	RP
WETLAND BORE #9					
B-179	44.3	A7J328	86B-A	RP/LE	RP/LE
B-180	44.3	A7J328	87B-A	RP/LE	RP/LE
B-181	44.3	A7J328	88B-A	RP/LE	RP/LE
B-182	44.3	A7J328	364T-A	RP	RP
END BORE #9					
L-714	38.3	A16797	604-B	RP/LE	CB
L-715	42.1	A16792 5deg OB	605-B	RP/LE	SG
L-716	42.1	A16793 3deg OB	606-B	RP/LE	LC
L-717	42	A16792 3deg Sag	607-B	RP/LE	BS
L-718	42.1	A16792	608-B	RP/LE	JK
L-719	42.1	A16792 6deg LSB	609-B	RP/LE	CN
L-720	42.1	A16792	610-B	RP/LE	CB
L-721	42.1	A16792 4deg Sag	611-B	RP/LE	SG
L-722	42.1	A16792	612-B	RP/LE	LC
L-723	42.1	A16792	613-B	RP/LE	BS
L-724	42.1	A16792	614-B	RP/LE	JK
L-725	8.5	A16792	365T-A	RP	RP
56th St. BORE #10					
B-147	44.6	A7J328	58B-A	RP/LE	RP/LE
B-148	44.5	A7J328	59B-A	RP/LE	RP/LE
B-149	44.6	A7J328	142B-A	JH	JH
B-149B	45	A18733	366T-A	RP	RP
END BORE #10					
L-726B	16.2	A16792	367T-A	RP	RP

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-726	42.1	A16790	615-B	RP/LE	CN
L-727	42.1	A16793	616-B	RP/LE	CB
L-728	42.2	A16793	617-B	RP/LE	SG
L-729	42.1	A16793	618-B	RP/LE	LC
L-730	42.1	A16793	619-B	RP/LE	BS
L-731	42.1	A16793	620-B	RP/LE	JK
L-732	42.1	A16793	621-B	RP/LE	CN
L-733	42.1	A16793	622-B	RP/LE	CB
L-734	42.1	A16790	623-B	RP/LE	SG
L-735	42.2	A16793 2deg Sag	624-B	RP/LE	LC
L-736	42.1	A16790	625-B	RP/LE	BS
L-737	42.2	A16795	626-B	RP/LE	JK
L-738	42.1	A16790 2deg OB	627-B	RP/LE	CN
L-739	42.2	A16790	628-B	RP/LE	CB
L-740	42.1	A16790	629-B	RP/LE	SG
L-741	42.1	A16790	630-B	RP/LE	LC
L-742	42.1	A16793	631-B	RP/LE	BS
L-743	42.1	A16793	632-B	RP/LE	JK
L-744	42.1	A16793 2deg OB	633-B	RP/LE	CN
L-745	42.6	278730	634-B	RP/LE	CB
L-746	42.6	S78307	635-B	RP/LE	SG
L-747	40.2	N72776	636-B	RP/LE	LC
L-748	40.2	N72776 3deg Sag	637-B	RP/LE	BS
L-750	39.5	N72776	638-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-751	42.1	278732	639-B	RP/LE	JK
L-752	42	S73307	640-B	RP/LE	CB
L-753	42.6	S73307	641-B	RP/LE	SG
L-754	42.1	S73307	642-B	RP/LE	LC
L-755	42.1	178369	643-B	RP/LE	BS
L-756	42.1	178868	644-B	RP/LE	JK
L-757	42.1	S73307	645-B	RP/LE	CN
L-758	42.6	S73307 2deg Sag	646-B	RP/LE	CB
L-759	40.2	N72776	647-B	RP/LE	SG
L-760	39.7	N72776	648-B	RP/LE	LC
L-761	42.1	278730	649-B	RP/LE	BS
L-762	42.1	278730 2deg Sag	650-B	RP/LE	JK
L-763	42.1	178368	651-B	RP/LE	CN
L-764	42.1	178369	652-B	RP/LE	CB
L-765	42.1	N72776 3deg OB	653-B	RP/LE	SG
L-766	40.2	N72776	654-B	RP/LE	LC
L-767	42.7	N72776	655-B	RP/LE	BS
L-768	42.1	278732	656-B	RP/LE	JK
L-769	42.1	178728	657-B	RP/LE	CN
L-770	42.1	178728	658-B	RP/LE	CB
L-771	42.1	278730	659-B	RP/LE	SG
L-772	43.1	S73306	660-B	RP/LE	LC
L-773	42.1	N72776	661-B	RP/LE	BS
L-774	40.6	N72776	662-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-775	40.3	N72776	663-B	RP/LE	CN
L-776	40.2	N72776	664-B	RP/LE	CB
L-777	42.6	S73307	665-B	RP/LE	SG
L-778	42.5	S73307	666-B	RP/LE	LC
L-779	42.1	A16792	368T-A	RP	RP
L-780	37.2	A16797	667-B	RP/LE	BS
L-781	42.1	A16792 4deg LSB	668-B	RP/LE	JK
L-782	42.1	A16792 8deg LSB	669-B	RP/LE	CN
L-783	42.1	A16797 6deg LSB	670-B	RP/LE	CB
L-784	42.1	A16792 13deg LSB	671-B	RP/LE	SG
L-785	42.1	A16797 3deg LSB	672-B	RP/LE	LC
L-786	45.1	924081	673-B	RP/LE	BS
L-787	45.1	724081	673-B	RP/LE	JK
L-788	45.1	724081	675-B	RP/LE	CN
L-789	45.1	182729	676-B	RP/LE	CB
L-790	45.1	182728	677-B	RP/LE	SG
L-791	45.1	182728	369T-A	RP	RP
L-792	32.8	724081	678-B	RP/LE	LC
L-793	45.1	724081	679-B	RP/LE	BS
L-794	45.1	724081	680-B	RP/LE	JK
L-795	45.1	724081	681-B	RP/LE	CN
L-796	45.1	724081	682-B	RP/LE	CB
L-797	45.1	724081 2deg OB	683-B	RP/LE	SG
L-798	45.1	724081	684-B	RP/LE	LC

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-799	45.1	724081 5deg RSB	685-B	RP/LE	BS
L-800	44.1	712153 8deg RSB	686BRNW1-A	LE	LE
L-800B	7.5	A16792	686BRNW2-A	LE	LE
L-801	38.1	724081 2deg RSB	687-B	RP/LE	CN
L-802	45.1	724081	181-A	RP/LE	CB
L-803	45.1	722157	182-A	RP/LE	SG
L-804	45.1	724081 2deg Sag	370T-A	RP	RP
L-805	36.6	724081 2deg Sag	183-A	RP/LE	LC
L-806	45.1	724081	184-A	RP/LE	BS
L-807	45.1	724081	185-A	RP/LE	JK
L-808	45.1	724081	186-A	RP/LE	CN
L-809	45.1	724081 2deg OB	187-A	RP/LE	CB
L-810	45.1	712152 2deg RSB	188-A	RP/LE	SG
L-811	45.1	712152	189-A	RP/LE	LC
L-812	45.1	712152 9deg RSB	190-A	RP/LE	BS
L-813	45.1	712152	688-B	RP/LE	JK
L-814	45.1	724981	689-B	RP/LE	CN
L-815	42.1	N72776	690-B	RP/LE	CB
L-816	42.6	S73307	691-B	RP/LE	SG
L-817	42.1	178728	692-B	RP/LE	LC
L-818	42.1	278730	371T-A	RP	RP
L-819	38.6	S73307	693-B	RP/LE	BS
L-820	42.6	S73307	694-B	RP/LE	JK
L-821	42.1	278730	695-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-822	42.1	S73307 2deg Sag	696-B	RP/LE	CB
L-823	42.6	S73307	697-B	RP/LE	SG
L-824	42.1	N72774	698-B	RP/LE	LC
L-825	43.1	N72774	699-B	RP/LE	BS
L-826	45.1	182729	700-B	RP/LE	JK
L-827	45.1	182729	701-B	RP/LE	CN
L-828	45.1	182729	702-B	RP/LE	CB
L-829	45.1	182729	703-B	RP/LE	SG
L-830	45.1	182729	704-B	RP/LE	LC
L-831	45.1	182729	705-B	RP/LE	BS
L-832	45.1	182729 2deg Sag	706-B	RP/LE	JK
L-833	45.1	182727 2deg OB	707-B	RP/LE	CN
L-834	45.1	182729 16deg RSB	708B	RP/LE	CN/JK
L-835	45.1	182729	709-B	RP/LE	SG
L-836	45.1	182729 2deg Sag	710-B	RP/LE	BS
L-837	45.1	182729	711-B	RP/LE	LC
L-838	45.1	182729	712-B	RP/LE	JK
L-839	45.1	182728	713-B	RP/LE	CN
L-840	45.1	182728 2deg Sag	714-B	RP/LE	SG
L-841	45.1	182729 6deg Sag	715-B	RP/LE	BS
L-842	45.1	182729 3deg OB	716-B	RP/LE	LC
L-843	45.1	182728	372T-A	RP	RP
L-844	45.1	182728 3deg OB	717-B	RP/LE	JK
L-845	45.1	182728	718-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-846	45.1	182728	719-B	RP/LE	SG
L--847	45.1	182729	373T-A	RP	RP
L-848	30.1	182729	720-B	RP/LE	BS
L-849	45.1	182729	721-B	RP/LE	LC
L-850	45.1	182729	722-B	RP/LE	JK
L-851	45.1	182729	723-B	RP/LE	CN
L-852	45.1	182729	724-B	RP/LE	SG
L-853	45.1	182728	725-B	RP/LE	BS
L-854	45.1	182728	726-B	RP/LE	LC
L-855	31.1	182728	374T-A	RP	RP
55th St. BORE #11					
B-150	44.5	A7J328	60B-A	RP/LE	RP/LE
B-151	44.5	A7J328	375T-A	RP	RP
END BORE #11					
L-856A	11	182729 3deg RSB	376T-A	RP	RP
L-856	45.1	182728 12deg RSB	727-B	RP/LE	JK
L-857	45.1	182728 8deg RSB	728-B	RP/LE	CN
L-858	45.1	182728	729-B	RP/LE	SG
L-859	45.1	182728	730-B	RP/LE	BS
L-860	45.1	182728	731-B	RP/LE	LC
L-861	45.1	182728	732-B	RP/LE	JK
L-862	45.1	182729	733-B	RP/LE	CN
L-863	45.1	182729 4deg OB	734-B	RP/LE	SG
L-864	45.1	182729	735-B	RP/LE	BS
L-865	45.1	182729 5deg Sag	736-B	RP/LE	LC
L-866	45.1	182728	737-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-867	45.1	182728 3deg Sag	738-B	RP/LE	CN
L-868	45.1	283100	739-B	RP/LE	SG
L-869	45.1	283100	740-B	RP/LE	BS
L-870	45.1	182728	741-B	RP/LE	LC
L-871	45.1	182728	742-B	RP/LE	JK
L-872	45.1	182728 2deg OB	743-B	RP/LE	CN
L-873	45.1	283100	744-B	RP/LE	SG
L-874	45.1	283100	745-B	RP/LE	BS
L-875	45.1	182729 2deg Sag	746-B	RP/LE	LC
L-876	45.1	182729	747-B	RP/LE	JK
L-877	45.1	182729 2deg Sag	748-B	RP/LE	CN
L-878	45.1	182729	749-B	RP/LE	SG
L-879	45.1	182729 3deg OB	750-B	RP/LE	BS
L-880	45.1	283100 4deg LSB	751-B	RP/LE	LC
L-881	45.1	182729 5deg LSB	752-B	RP/LE	JK
L-882	45.1	182727 15deg LSB	753-B	RP/LE	CN
L-883	45.1	283100 12deg LSB	754-B	RP/LE	SG
L-884	45.1	283100	755-B	RP/LE	BS
L-885	45.1	182729 2deg OB	756-B	RP/LE	LC
L-886	45.1	182729	757-B	RP/LE	JK
L-887	45.1	283100	377T-A	RP	RP
L-888	36	283100	758-B	RP/LE	CN
L-889	45.1	283100	759-B	RP/LE	SG
L-890	45.1	283100	760-B	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-891	45.1	283100	761-B	RP/LE	LC
L-892	45.1	182728 2deg Sag	762-B	RP/LE	JK
L-893	45.1	283100	763-B	RP/LE	CN
L-894	45.1	283100	764-B	RP/LE	SG
L-895	45.1	283100	765-B	RP/LE	BS
L-896	45.1	182729 2deg Sag	766-B	RP/LE	LC
L-897	45.1	182729 4deg Sag	767-B	RP/LE	JK
L-898	45.1	283100	768-B	RP/LE	CN
L-899	45.1	283100 4deg OB	769-B	RP/LE	SG
L-900	45.1	182729	770-B	RP/LE	BS
L-901	45.1	182728	771-B	RP/LE	LC
L-902	45.1	182729 2deg OB	772-B	RP/LE	JK
L-903	45.1	182729 2deg Sag	773-B	RP/LE	CN
L-904	45.1	182729	774-B	RP/LE	SG
L-905	45.1	182729	775-B	RP/LE	BS
L-906	45.1	182728 2deg OB	776-B	RP/LE	LC
L-907	45.1	182729	777-B	RP/LE	JK
L-908	45.1	182728	778-B	RP/LE	CN
L-909	45.1	182729	779-B	RP/LE	SG
L-910	45.1	182728	780-B	RP/LE	BS
L-911	45.1	182729	781-B	RP/LE	LC
L-912	45.1	182729	782-B	RP/LE	JK
L-913	45.1	182728	783-B	RP/LE	CN
L-914	45.1	182729	784-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-915	45.1	182728	785-B	RP/LE	BS
L-916	45.1	182729	786-B	RP/LE	LC
L-917	45.1	182729	787-B	RP/LE	JK
L-918	45.1	182729	788-B	RP/LE	CN
L-919	45.1	182729	789-B	RP/LE	SG
L-920	45.1	182729 2deg Sag	790-B	RP/LE	BS
L-921	45.1	182728 2deg OB	791-B	RP/LE	LC
L-922	45.1	182728	792-B	RP/LE	JK
L-923	45.1	182728	793-B	RP/LE	CN
L-924	45.1	182728	378T-A	RP	RP
L-925	45.1	182729	794-B	RP/LE	SG
L-926	45.1	182729	795-B	RP/LE	BS
L-927	45.1	182729	379T-A	RP	RP
L-928	33	182728 10deg LSB	796-B	RP/LE	LC
L-929	45.1	182728	797-B	RP/LE	JK
L-930	45.1	182728	798-B	RP/LE	CN
L-931	45.1	182728 8deg OB	799-B	RP/LE	SG
L-932	45.1	182729	800-B	RP/LE	BS
L-933	45.1	182729 4deg Sag	801-B	RP/LE	LC
L-934	45.1	182728	802-B	RP/LE	JK
L-935	45.1	182728	803-B	RP/LE	CN
L-936	45.1	182729 3deg Sag	804-B	RP/LE	SG
L-937	45.1	182729 4deg Sag	805-B	RP/LE	BS
L-938	45.1	182729	806-B	RP/LE	LC

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-939	45.1	182728 6deg OB	807-B	RP/LE	JK
L-940	45.1	182729 3deg OB	193-A	RP/LE	CN
L-941	45.1	182729	194-A	RP/LE	SG
L-942	45.1	182729 3deg Sag	195-A	RP/LE	BS
L-943	45.1	182729 3deg Sag	196-A	RP/LE	LC
L-944	45.1	182729	197-A	RP/LE	JK
L-945	45.1	182729 2deg OB	198-A	RP/LE	CN
L-946	45.1	712152	199-A	RP/LE	SG
L-947	45.1	712152	200-A	RP/LE	BS
L-948	45.1	712152	201-A	RP/LE	LC
L-949	45.1	813488	202-A	RP/LE	JK
L-950	45	813489	380T-A	RP	RP
L-950B	23	A18738	381T-A	RP	RP
TREE BORE BORE #12					
B-152	44.5	A7J328	61B-A	RP/LE	RP/LE
B-153	44.5	A7J328	62B-A	RP/LE	RP/LE
B-154	44.5	A7J328	63B-A	RP/LE	RP/LE
B-155	44.5	A7J328	382T-A	RP	RP
END BORE #12					
L-951	45	813480	808-B	RP/LE	CN
L-952	45	813489	809-B	RP/LE	CN
L-953	45.1	724080	810-B	RP/LE	SG
L-954	45.1	724081	811-B	RP/LE	BS
L-955	45.1	724081 2deg OB	812-B	RP/LE	LC
L-956	45.1	813488 2deg OB	813-B	RP/LE	JK
L-957	45	813489	814-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-958	45	813488	815-B	RP/LE	SG
L-959	45.1	724081 2deg Sag	816-B	RP/LE	BS
L-960	45.1	712152 4deg Sag	817-B	RP/LE	LC
L-961	45.1	712152	818-B	RP/LE	JK
L-962	45.1	724081	819-B	RP/LE	CN
L-963	45.1	724081 2deg OB	820-B	RP/LE	SG
L-964	45.1	724081 2deg OB	821-B	RP/LE	BS
L-965	45.1	724081	822-B	RP/LE	LC
L-966	45	712152	823-B	RP/LE	JK
L-967	45.1	712153 4deg RSB	824-B	RP/LE	CN
L-968	45.1	712153 6deg RSB	825-B	RP/LE	SG
L-969	45.1	712153 4deg RSB	826-B	RP/LE	BS
L-970	45.1	712153 3deg Sag	827-B	RP/LE	LC
L-971	45.1	712152	828-B	RP/LE	JK
L-972	45.1	712153 2deg OB	829-B	RP/LE	CN
L-973	45.1	712153	830-B	RP/LE	CN/JK
L-974	45.1	712152	383T-A	RP	RP
L-974B	9	A18733	384T-A	RP	RP
L-975	45.1	712153 12deg LSB	385T-A	RP	RP
54th St. BORE #13					
B-183	40	A19134	93B-A	RP/LE	RP/LE
B-184	45	A19134	94B-A	RP/LE	RP/LE
B-185	44.3	A18729	95B-A	RP/LE	RP/LE
B-186	45	A18731	386T-A	RP	RP
END BORE #13					
L-976	29.6	724081	831-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-977	45.1	712152 4deg LSB	832-B	RP/LE	BS
L-978	45.1	712153 2deg LSB	833-B	RP/LE	LC
L-979	45	712153	834-B	RP/LE	JK
L-980	45.1	712153	835-B	RP/LE	CN
L-981	45.1	712153	836-B	RP/LE	SG
L-982	45.1	712152	837-B	RP/LE	BS
L-983	45.1	712097	838-B	RP/LE	LC
L-984	45.1	725498	839-B	RP/LE	JK
L-985	45.1	825478	840-B	RP/LE	CN
L-986	45.1	825498	841-B	RP/LE	SG
L-987	45.1	825498	842-B	RP/LE	BS
L-988	45.1	825498	843-B	RP/LE	LC
L-989	45.1	712153	844-B	RP/LE	JK
L-990	45.1	712153	845-B	RP/LE	CN
L-991	45.1	712152	846-B	RP/LE	SG
L-992	45.1	712152	847-B	RP/LE	BS
L-993	45.1	712096 2deg OB	848-B	RP/LE	LC
L-994	45.1	712152	849-B	RP/LE	JK
L-995	45.1	724051	850-B	RP/LE	CN
L-996	45.1	825498	851-B	RP/LE	SG
L-997	45.1	825498	852-B	RP/LE	BS
L-998	45.1	825498	853-B	RP/LE	LC
L-999	45.1	825498	854-B	RP/LE	JK
L-1000	45.1	712153	855-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1001	45.1	712153	856-B	RP/LE	CN
L-1002	45.1	182729	857-B	RP/LE	SG
L-1003	45.1	182729	858-B	RP/LE	BS
L-1004	45.1	182728	859-B	RP/LE	LC
L-1005	45.1	182729	860-B	RP/LE	JK
L-1006	45.1	182728	861-B	RP/LE	CN
L-1007	45.1	182728	862-B	RP/LE	CN
L-1008	45.1	182728	863-B	RP/LE	SG
L-1009	45.1	182729	864-B	RP/LE	BS
L-1010	45.1	182728	865-B	RP/LE	LC
L-1011	45.1	182728	866-B	RP/LE	JK
L-1012	45.1	182728 2deg OB	867-B	RP/LE	CN
L-1013	45.1	182729	868-B	RP/LE	SG
L-1014	45.1	712152	869-B	RP/LE	BS
L-1015	45.1	182729	870-B	RP/LE	LC
L-1016	45.1	712152	871-B	RP/LE	JK
L-1017	45.1	724081	872-B	RP/LE	CN
L-1018	45.1	712152 2deg Sag	873-B	RP/LE	JK/LC
L-1019	45.1	712152	874-B	RP/LE	JK
L-1020	45.1	724081	875-B	RP/LE	CN
L-1021	45.1	724081	876-B	RP/LE	BS
L-1022	45.1	724081	877-B	RP/LE	SG
L-1023	45.1	724081	878-B	RP/LE	LC
L-1024	45.1	712152 6deg OB	879-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1025	45.1	712152 2deg OB	208-A	RP/LE	CN
L-1026	45.1	182728 2deg Sag	209-A	RP/LE	BS
L-1027	42.1	A16790 2deg Sag	210-A	RP/LE	SG
L-1028	42.1	A16793	211-A	RP/LE	LC
L-1029	42.1	A16790	212-A	RP/LE	JK
L-1030	42.1	A16797	213-A	RP/LE	CN
L-1031	42.1	A16796 2deg Sag	214-A	RP/LE	BS
L-1032	42.1	A16792	215-A	RP/LE	SG
L-1033	42.1	A16792	216-A	RP/LE	LC
L-1034	45	813489	387T-A	RP	RP
L-1035	35	813489	217-A	RP/LE	JK
L-1036	45	825499	880-B	RP/LE	CN
L-1037	45	731081 2deg Sag	881-B	RP/LE	BS
L-1038	45	813488	882-B	RP/LE	SG
L-1039	45	825499	883-B	RP/LE	LC
L-1040	45	813920	884-B	RP/LE	JK
L-1041	45	813488 2deg OB	885-B	RP/LE	CN
L-1042	45	813488 2deg OB	886-B	RP/LE	BS
L-1043	45	825499	887-B	RP/LE	SG
L-1044	45	825499	888-B	RP/LE	LC
L-1045	45	825499	889-B	RP/LE	JK
L-1046	45	825499	890-B	RP/LE	CN
L-1047	45	813488 2deg OB	891-B	RP/LE	BS
L-1048	45	813488	892-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1049	45	813488	893-B	RP/LE	LC
L-1050	45	813489 2deg Sag	894-B	RP/LE	JK
L-1051	45	825499	895-B	RP/LE	CN
L-1052	45	813488	896-B	RP/LE	BS
L-1053	45	813488	897-B	RP/LE	SG
L-1054	45	813488	898-B	RP/LE	LC
L-1055	45	813489	899-B	RP/LE	JK
L-1056	45	813488 2deg OB	900-B	RP/LE	CN
L-1057	45	813489 2deg OB	901-B	RP/LE	CN
L-1058	45	813488 2deg OB	902-B	RP/LE	BS
L-1059	45	813488	903-B	RP/LE	SG
L-1060	45	813488	218-A	RP/LE	LC
L-1061	45	813920 2deg Sag	219-A	RP/LE	JK
L-1062	45	813920	220-A	RP/LE	CN
L-1063	45	813920 2deg Sag	221-A	RP/LE	BS
L-1064	45	813920	222-A	RP/LE	SG
L-1065	45	813920	223-A	RP/LE	LC
L-1066	45	813489	224-A	RP/LE	JK
L-1067	45	813921 2deg OB	225-A	RP/LE	CN
L-1068	45	813920	226-A	RP/LE	BS
L-1069	45	813920	227-A	RP/LE	SG
L-1070	45	813920	904-B	RP/LE	LC
L-1071	45	813489 2deg OB	905-B	RP/LE	JK
L-1072	45	813488	906-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1073	45	719098	907-B	RP/LE	BS
L-1074	45	813920 2deg Sag	908-B	RP/LE	SG
L-1075	45	813920	909-B	RP/LE	LC
L-1076	45	813489	910-B	RP/LE	JK
L-1077	45	813488	911-B	RP/LE	CN
L-1078	45	719089	912-B	RP/LE	CN
L-1079	45	813921	913-B	RP/LE	BS
L-1080	45	813489	914-B	RP/LE	SG
L-1081	45	813920	915-B	RP/LE	LC
L-1082	45	813489 2deg Sag	228-A	RP/LE	JK
L-1083	45	813489	229-A	RP/LE	CN
L-1084	45	813921 2deg OB	230-A	RP/LE	BS
L-1085	45	813488	231-A	RP/LE	SG
L-1086	45	813488 2deg Sag	232-A	RP/LE	LC
L-1087	45	813488	234-A	RP/LE	JK
L-1088	45	813920	236-A	RP/LE	CN
L-1089	45	813488 2deg OB	237-A	RP/LE	BS
L-1090	45	813488	388T-A	RP	RP
L-1091	45	813488	233-A	RP/LE	JK
L-1092	45	813488	235-A	RP/LE	CN
L-1093	45	813488	389T-A	RP	RP
L-1094	31.7	813488	916-B	RP/LE	SG
L-1095	45	813920	917-B	RP/LE	LC
L-1096	45	813488	918-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1097	45	813488 2deg Sag	919-B	RP/LE	CN
L-1098	45	813488 2deg Sag	920-B	RP/LE	BS
L-1099	45	813489	921-B	RP/LE	SG
L-1100	45	813489	922-B	RP/LE	LC
L-1101	45	813488	923-B	RP/LE	JK
L-1102	45	813488 2deg Sag	924-B	RP/LE	CN
L-1103	45	813488	925-B	RP/LE	BS
L-1104	45	813488 4deg OB	926-B	RP/LE	SG
L-1105	45	813489	927-B	RP/LE	LC
L-1106	42.1	A16793	928-B	RP/LE	JK
L-1107	42.1	A16907	929-B	RP/LE	CN
L-1108	42.1	A16792 3deg OB	930-B	RP/LE	BS
L-1109	42.1	A16908	931-B	RP/LE	SG
L-1110	34.3	A16792	390T-A	RP	RP
NORTH WETLAND BORE BORE #14					
B-187	45	A18731	1B-B	RP/LE	RP/LE
B-188	45	A18731	2B-B	RP/LE	RP/LE
B-189	45	A19131	3B-B	RP/LE	RP/LE
B-190	45	A19134	4B-B	RP/LE	RP/LE
B-191	45	A19134	5B-B	RP/LE	RP/LE
B-192	44.3	A7J328	391T-A	RP	RP
END BORE #14					
L-1111	24.1	A16792	932-B	RP/LE	BS
L-1112	42.1	A16792	933-B	RP/LE	SG
L-1113	42.1	A16792 2deg Sag	934-B	RP/LE	LC
L-1114	42.1	A16798	935-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1115	42.1	A16798	936-B	RP/LE	CN
L-1116	42.1	A16789	937-B	RP/LE	BS
L-1117	42.1	A16798 2deg OB	938-B	RP/LE	SG
L-1118	42.1	A16789	939-B	RP/LE	LC
L-1119	42.1	A16789 2deg Sag	940-B	RP/LE	JK
L-1120	42.1	A16792	941-B	RP/LE	CN
L-1121	42.1	A16789 1deg OB	942-B	RP/LE	BS
L-1122	42.1	A16789	943-B	RP/LE	SG
L-1123	42.1	A16789 1deg Sag	944-B	RP/LE	LC
L-1124	42.1	A16789	945-B	RP/LE	JK
L-1125	42.1	A16792 2deg OB	946-B	RP/LE	CN
L-1126	42.1	A16792	947-B	RP/LE	BS
L-1127	42.1	A16907	948-B	RP/LE	SG
L-1128	42.1	A16789	949-B	RP/LE	LC
L-1129	42.1	A16789	950-B	RP/LE	JK
L-1130	42.1	A16798 2deg Sag	951-B	RP/LE	CN
L-1131	42.1	A16792 2deg OB	952-B	RP/LE	BS
L-1132	42.1	A16907 2deg OB	953-B	RP/LE	SG
L-1133	42.1	A16907	954-B	RP/LE	LC
L-1134	42.1	A16907 2deg Sag	955-B	RP/LE	JK
L-1135	42.1	A16797	956-B	RP/LE	CN
L-1136	42.1	A16796	957-B	RP/LE	BS
L-1137	42.1	A16796 2deg Sag	958-B	RP/LE	SG
L-1138	42.1	A16795	959-B	RP/LE	LC

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1139	42.1	A16907 2deg OB	960-B	RP/LE	JK
L-1140	31.1	A16797	392T-A	RP	RP
SOUTH WETLAND BORE BORE #15					
B-193	45	A19134	6B-B	RP/LE	RP/LE
B-194	45	A18729	7B-B	RP/LE	RP/LE
B-195	45	A18729	8B-B	RP/LE	RP/LE
B-196	45	A18729	9B-B	RP/LE	RP/LE
B-197	45	A18729	393T-A	RP	RP
END BORE #15					
L-1141	33.1	A16797	961-B	RP/LE	CN
L-1142	42.1	A16796	962-B	RP/LE	BS
L-1143	42.1	A16796	963-B	RP/LE	SG
L-1144	42.1	A16796 2deg OB	964-B	RP/LE	LC
L-1145	42.1	A16790 8deg LSB	965-B	RP/LE	JK
L-1146	42.1	A16792 6deg LSB	966-B	RP/LE	CN
L-1147	42.2	A16797	967-B	RP/LE	BS
L-1148	42.1	A16790 2deg Sag	968-B	RP/LE	SG
L-1149	42.1	A16790 2deg Sag	969-B	RP/LE	LC
L-1150	42.1	A16789	970-B	RP/LE	JK
L-1151	42.1	A16789	971-B	RP/LE	CN
L-1152	42.1	A16790 3deg OB	972-B	RP/LE	BS
L-1153	42.1	A16790	973-B	RP/LE	SG
L-1154	42.1	A16792	974-B	RP/LE	LC
L-1155	42.2	A16793 3deg Sag	975-B	RP/LE	JK
L-1156	42.1	A16793 3deg OB	976-B	RP/LE	CN
L-1157	42.1	A16789 3deg OB	977-B	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1158	42.1	A16790 2deg LSB	978-B	RP/LE	SG
L-1159	42.1	A16792 6deg LSB	979-B	RP/LE	LC
L-1160	42.1	A16792 6deg LSB	980-B	RP/LE	JK
L-1161	42.1	A16907 2deg OB	981-B	RP/LE	CN
L-1162	42.1	A16797 2deg Sag	982-B	RP/LE	BS
L-1163	42.1	A16797	983-B	RP/LE	SG
L-1164	42.2	A16790	394T-A	RP	RP
L-1165	35.3	A16907	984-B	RP/LE	LC
L-1166	42.1	A16972	985-B	RP/LE	JK
L-1167	42.1	A16790	986-B	RP/LE	CN
L-1168	42.1	A16790 2deg Sag	987-B	RP/LE	BS
L-1169	42.1	A16792 6deg RSB	988-B	RP/LE	SG
L-1170	42.1	A16789 3deg RSB	989-B	RP/LE	LC
L-1171	42.1	A16907 3deg RSB	990-B	RP/LE	JK
L-1172	42.1	A16789	991-B	RP/LE	CN
L-1173	42.1	A16791	992-B	RP/LE	BS
L-1174	42.1	A16789	993-B	RP/LE	SG
L-1175	42.1	B21005 2deg OB	395T-A	RP	RP
L-1176	37.3	A16791	994-B	RP/LE	LC
L-1177	42.1	A16790	995-B	RP/LE	JK
L-1178	42.1	A16789	996-B	RP/LE	CN
L-1179	42.1	A16790	997-B	RP/LE	BS
L-1180	42.1	A16789	998-B	RP/LE	SG
L-1181	42.1	A16790 2deg OB	999-B	RP/LE	LC

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1182	42.1	A16789	1000-B	RP/LE	JK
L-1183	42.1	A16792	1001-B	RP/LE	CN
L-1184	42.1	A16907	1002-B	RP/LE	BS
L-1185	42.1	A16907 2deg Sag	1003-B	RP/LE	SG
L-1186	42.1	A16907	1004-B	RP/LE	LC
L-1187	42.1	A16789 2deg OB	1005-B	RP/LE	JK
L-1188	42.1	A16790	1006-B	RP/LE	CN
L-1189	42.2	A16790	1007-B	RP/LE	BS
L-1190	42.1	A16790	1008-B	RP/LE	SG
L-1191	42.1	A16789	1009-B	RP/LE	LC
L-1192	42.1	A16789 2deg OB	1010-B	RP/LE	JK
L-1193	42.1	A16792 6deg LSB	1011-B	RP/LE	CN
L-1194	42.1	A16792	1012-B	RP/LE	BS
L-1195	42.1	A16792	1013-B	RP/LE	SG
L-1196	42.1	A16789	1014-B	RP/LE	LC
L-1197	42.1	A16792	1015-B	RP/LE	JK
L-1198	42.1	A16789	1016-B	RP/LE	CN
L-1199	42.1	A16789	1017-B	RP/LE	CN
L-1200	42.1	A16789	1018-B	RP/LE	SG
L-1201	42.1	A16789	1019-B	RP/LE	BS
L-1202	42.1	A16792 2deg OB	1020-B	RP/LE	JK
L-1203	42.1	A16798 4deg RSB	1021-B	RP/LE	CN
L-1204	42.1	A16789 2deg Sag	1022-B	RP/LE	SG
L-1205	42.1	A16797 2deg OB	1023-B	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1206	42.1	A16789 3deg OB	1024-B	RP/LE	JK
L-1207	42.1	A16797 3deg Sag	1025-B	RP/LE	CN
L-1208	42.1	A16789 2deg Sag	1026-B	RP/LE	SG
L-1209	42.1	A16797	396T-A	RP	RP
L-1210	42.1	A16792	1027-B	RP/LE	BS
L-1211	42.1	A16792	1028-B	RP/LE	JK
L-1212	42.1	A16789	1029-B	RP/LE	CN
L-1213	42.1	A16792 1deg OB	1030-B	RP/LE	SG
L-1214	42.1	A16789	1031-B 397T-A	RP	RP
L-1215	38.1	A16789	1032-B	RP/LE	JK
L-1216	42.1	A16789	1033-B	RP/LE	CN
L-1217	42.1	A16789	1034-B	RP/LE	SG
L-1218	42.1	A16792 2deg Sag	1035-B	RP/LE	BS
L-1219	42.1	A16792	1036-B	RP/LE	JK
L-1220	42.1	A16792	1037-B	RP/LE	CN
L-1221	42.1	A16792	1038-B	RP/LE	SG
L-1222	42.1	A16789	1039-B	RP/LE	BS
L-1223	42.1	A16797	1040-B	RP/LE	JK
L-1224	42.1	A16797	1041-B	RP/LE	CN
L-1225	42.1	A16789 2deg Sag	1042-B	RP/LE	SG
L-1226	42.1	A16793	1043-B	RP/LE	BS
L-1227	42.1	A16790 2deg OB	1044-B	RP/LE	JK
L-1228	42.1	A16987	1045-B	RP/LE	CN
L-1229	42.1	A16793	1046-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1230	42.1	A16793 2deg LSB	1047-B	RP/LE	BS
L-1231	42.1	A16907	1048-B	RP/LE	JK
L-1232	42.1	A16793 2deg LSB	1049-B	RP/LE	CN
L-1233	42.1	A16793	1050-B	RP/LE	SG
L-1234	42.1	A16796 2deg OB	1051-B	RP/LE	BS
L-1235	42.1	A16793	245-A	RP/LE	JK
L-1236	42.1	A16907 2deg Sag	246-A	RP/LE	CN
L-1237	42.1	A16793	247-A	RP/LE	SG
L-1238	42.1	A16907	398T-A	RP	RP
L-1239	36.1	A16790	248-A	RP/LE	BS
L-1240	42.1	A16907	249-A	RP/LE	JK
L-1241	42.1	A16907	250-A	RP/LE	CN
L-1242	42.1	A16907 2deg Sag	251-A	RP/LE	JK
L-1243	42.1	A16907	252-A	RP/LE	CN
L-1244	42.2	A16908 2deg OB	253-A	RP/LE	SG
L-1245	42.1	A16796 2deg OB	254-A	RP/LE	BS
L-1246	42.1	A16790	1052-B	RP/LE	JK
L-1247	42.1	A16907	1053-B	RP/LE	SG
L-1248	42.1	A16907	1054-B	RP/LE	BS
L-1249	42.1	A16907	1055-B	RP/LE	JK
L-1250	42.1	A16792 2deg Sag	1056-B	RP/LE	SG
L-1251	42.1	A16789	1057-B	RP/LE	CN
L-1252	42.1	A16789	1058-B	RP/LE	BS
L-1253	42.1	A16789 2deg OB	1059-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1254	42.1	A16907	1060-B	RP/LE	CN
L-1255	42.2	A16907	1061-B	RP/LE	SG
L-1256	42.1	A16792	1062-B	RP/LE	BS
L-1257	42.2	A16797	1063-B	RP/LE	JK
L-1258	42.1	A16792 3deg OB	1064-B	RP/LE	CN
L-1259	42.1	A16792	1065-B	RP/LE	SG
L-1260	42	A16792	1066-B	RP/LE	BS
L-1261	42.1	A16792	1067-B	RP/LE	JK
L-1262	42.1	A16789	1068-B	RP/LE	CN
L-1263	42.1	A16789	1069-B	RP/LE	SG
L-1264	42.1	A16789	1070-B	RP/LE	BS
L-1265	42.1	A16789	1071-B	RP/LE	JK
L-1266	42.2	A16970	1072-B	RP/LE	CN
L-1267	42.2	A16793	1073-B	RP/LE	SG
L-1268	42.2	A16793	1074-B	RP/LE	BS
L-1269	42.1	A16792	1075-B	RP/LE	JK
L-1270	42.1	A16792	1076-B	RP/LE	CN
L-1271	42.1	A16792	1077-B	RP/LE	SG
L-1272	42.1	A16907	1078-B	RP/LE	BS
L-1273	42.1	A16790	1079-B	RP/LE	JK
L-1274	42.2	A16793	1080-B	RP/LE	CN
L-1275	42.2	A16793	1081-B	RP/LE	SG/BS
L-1276	42.2	A16793	1082-B	RP/LE	JK
L-1277	42.2	A16796	1083-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1278	42.2	A16796 3deg OB	1084-B	RP/LE	CN
L-1279	42.1	A16907	1085-B	RP/LE	CN
L-1280	42.1	A16907 3deg Sag	1086-B	RP/LE	SG
L-1281	42.1	A16794 2deg OB	1087-B	RP/LE	JK
L-1282	42.2	A16796	1088-B	RP/LE	CN
L-1283	42.2	A16796	1089-B	RP/LE	BS
L-1284	42.1	A16907	1090-B	RP/LE	JK
L-1285	42.1	A16907 4deg Sag	1091-B	RP/LE	CN
L-1286	42.1	A16907	1092-B	RP/LE	SG
L-1287	42.1	A16907 1deg OB	1093-B	RP/LE	BS
L-1288	42.1	A16907 3deg OB	1094-B	RP/LE	JK
L-1289	42.2	A16907	1095-B	RP/LE	CN
L-1290	42.1	A16790 2deg Sag	1096-B	RP/LE	SG
L-1291	39.8	N72776	1097-B	RP/LE	BS
L-1292	42.1	N72776	1098-B	RP/LE	JK
L-1293	42.8	AG5220	1099-B	RP/LE	CN
L-1294	42.1	A16907	256-A	RP/LE	SG
L-1295	42.1	A16907	257-A	RP/LE	BS
L-1296	41.3	N72776	258-A	RP/LE	JK
L-1297	40.4	N72776	259-A	RP/LE	CN
L-1298	42.1	178728 2deg OB	260RNW-A	RP	RP
L-1299	42.1	S73307 2deg LSB	261-A	RP/LE	BS
L-1300	34.2	N72776 8deg LSB	262-A	RP/LE	JK
L-1301	41.3	N72776	263-A	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1302	40	N72776	264-A	RP/LE	CN
L-1303	43	N72776	265-A	RP/LE	SG
L-1304	41.1	N72776	399T-A	RP	RP
L-1305	31.2	178725	1100-B	RP/LE	BS
L-1306	42.1	278732	1101-B	RP/LE	JK
L-1307	42.1	278732	1102-B	RP/LE	CN
L-1308	42.1	278731	1103-B	RP/LE	SG
L-1309	42.1	178369	1104-B	RP/LE	BS
L-1310	42	278739	1105-B	RP/LE	JK
L-1311	42.8	632020	1106-B	RP/LE	CN
L-1312	42.1	178369	1107-B	RP/LE	SG
L-1313	41.1	652020	1108-B	RP/LE	BS
L-1314	42.1	178728	1109-B	RP/LE	JK
L-1315	42.1	278732 8deg LSB	1110-B	RP/LE	CN
L-1316	40.7	N72776	1111-B	RP/LE	SG
L-1317	40.3	N72776	1112-B	RP/LE	BS
L-1318	36	N72776	1113-B	RP/LE	JK
L-1319	42.1	178368	1114-B	RP/LE	CN
L-1320	42.1	178728	1115-B	RP/LE	SG
L-1321	42.1	278731	400T-A	RP	RP
L-1322	37.3	178268	1116-B	RP/LE	BS
L-1323	42.6	S73307	1117-B	RP/LE	JK
L-1324	42.7	N72776 3deg Sag	1118-B	RP/LE	CN
L-1325	42.1	178728	1119-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1326	41.2	N72776 2deg Sag	1120-B	RP/LE	BS
L-1327	40.1	N72776	1121-B	RP/LE	JK
L-1328	42.6	S73307	1122-B	RP/LE	CN
L-1329	41.8	N72776	1123-B	RP/LE	SG
L-1330	40.2	N72776	1124-B	RP/LE	BS
L-1331	40.6	N72776	1125-B	RP/LE	JK
L-1332	41.1	N72776 2deg OB	1126-B	RP/LE	CN
L-1333	42.6	S73307 2deg RSB	1127-B	RP/LE	JK
L-1334	42.6	N72776 4deg RSB	1128-B	RP/LE	SG
L-1335	19.3	278730	401T-A	RP	RP
51st St. BORE #16					
B-198	45	A18729	10B-B	RP/LE	RP/LE
B-199	45	A18731	11B-B	RP/LE	RP/LE
B-200	45	A18731	12B-B	RP/LE	RP/LE
B-201	45	A18731	13B-B	RP/LE	RP/LE
B-202	45	A18731	14B-B	RP/LE	RP/LE
B-203	45	A18729	402T-A	RP	RP
END BORE #16					
L-1336	38.1	278731 6deg RSB	403T-A	RP	RP
L-1337	36.1	N72776 3deg RSB	1129-B	RP/LE	CN
L-1338	42.1	N72776 2deg OB	1130-B	RP/LE	JK
L-1339	40.2	N72776	1131-B	RP/LE	CN
L-1340	40.3	N72776 2deg Sag	1132-B	RP/LE	BS
L-1341	42.2	A16793 4deg Sag	1133-B	RP/LE	JK
L-1342	42.1	A16907	1134-B	RP/LE	CN
L-1343	42.1	A16907 3deg OB	1135-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1344	40.8	N72776	1136-B	RP/LE	BS
L-1345	42.1	178368 2deg OB	1137-B	RP/LE	JK
L-1346	42.1	278730	1138-B	RP/LE	CN
L-1347	42.1	178368	1139-B	RP/LE	SG
L-1348	42.1	178731 2deg Sag	1140-B	RP/LE	BS
L-1349	42.1	178368 2deg OB	1141-B	RP/LE	CN
L-1350	42.1	278731 2deg OB	1142-B	RP/LE	JK
L-1351	42.1	178369 2deg Sag	1143-B	RP/LE	CN
L-1352	42.1	178369 2deg sag	1144-B	RP/LE	SG
L-1353	42.1	A16792	1145-B	RP/LE	BS
L-1354	42.1	A16790	1146-B	RP/LE	JK
L-1355	42.1	A16793	1147-B	RP/LE	CN
L-1356	42.1	A16790 2deg Sag	1148-B	RP/LE	SG
L-1357	42.1	278731	1149-B	RP/LE	BS
L-1358	39.5	S73306	404T-A	RP	RP
L-1359	32.1	A16792 2deg OB	1150-B	RP/LE	JK
L-1360	42.1	A16790 2deg OB	1151-B	RP/LE	CN
L-1361	42.1	A16792	1152-B	RP/LE	SG
L-1362	42.1	A16797 14deg LSB	1153-B	RP/LE	BS
L-1363	42.2	A16790	1154-B	RP/LE	JK
L-1364	42.1	A16793	1155-B	RP/LE	CN
L-1365	42.1	A16790	1156-B	RP/LE	SG
L-1366	42.1	A16790	1157-B	RP/LE	BS
L-1367	42.1	A16792 3deg Sag	1158-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1368	42.1	A16798	1159-B	RP/LE	CN
L-1369	42.2	A16792	1160-B	RP/LE	SG
L-1370	42.2	A16790	405T-A	RP	RP
L-1371	38.1	A16790	1161-B	RP/LE	BS
L-1372	42.1	A16792	1162-B	RP/LE	JK
L-1373	42.1	A16792	1163-B	RP/LE	CN
L-1374	42.1	A16792	1164-B	RP/LE	CN
L-1375	42.1	A16790	1165-B	RP/LE	SG
L-1376	42.2	A16790	1166-B	RP/LE	JK
L-1377	42.1	A16789	1167-B	RP/LE	BS
L-1378	42.2	A16790	1168-B	RP/LE	CB
L-1379	42.2	A16790	1169-B	RP/LE	CN
L-1380	42.1	A16797	1170-B	RP/LE	SG
L-1381	42.1	A16790	1171-B	RP/LE	JK
L-1382	42.1	A16797	1172-B	RP/LE	BS
L-1383	42.1	A16790	1173-B	RP/LE	CB
L-1384	42.2	A16796	1174-B	RP/LE	CN
L-1385	42.1	A16790 3deg RSB	1175-B	RP/LE	SG
L-1386	42.1	A16793 6deg RSB	1176-B	RP/LE	JK
L-1387	42.1	A16797 2deg OB	1177-B	RP/LE	BS
L-1388	42.1	A16790	1178-B	RP/LE	CB
L-1389	42.1	A16789	1179-B	RP/LE	CN
L-1390	42.2	A16789	1180-B	RP/LE	SG
L-1391	42.1	A16789 3deg OB	1181-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1392	42.1	A16907	1182-B	RP/LE	BS
L-1393	42.1	A16793	1183-B	RP/LE	CB
L-1394	42.1	A16797	406T-A	RP	RP
L-1395	34.2	A16790	271-A	RP/LE	CN
L-1396	42.2	A16790	272-A	RP/LE	SG
L-1397	42.1	A16797	273-A	RP/LE	JK
L-1398	42.1	A16793 2deg OB	274-A	RP/LE	BS
L-1399	42.1	A16793 2deg OB	275-A	RP/LE	CB
L-1400	42.1	A16793	276-A	RP/LE	CN
L-1401	42.2	A16907 2deg Sag	277-A	RP/LE	SG
L-1402	42.1	A16792	278-A	RP/LE	JK
L-1403	42.1	A16907	279-A	RP/LE	BS
L-1404	42.1	A16793 2deg OB	280-A	RP/LE	CB
L-1405	42.1	A16797 3deg OB	281-A	RP/LE	CN
L-1406	42.1	A16907	282-A	RP/LE	SG
L-1407	42.1	A16792 2deg Sag	283-A	RP/LE	JK
L-1408	42.1	A16790	284-A	RP/LE	BS
L-1409	42.1	A16797	285-A	RP/LE	CB
L-1410	42.2	A16793 1deg Sag	1184-B	RP/LE	CN
L-1411	42.1	A16907 3deg LSB	1185-B	RP/LE	SG
L-1412	42.2	A16793 5deg LSB	1186-B	RP/LE	JK
L-1413	42.1	A16907 3deg LSB	1187-B	RP/LE	BS
L-1414	42.1	A16796	1188-B	RP/LE	CB
L-1415	42.1	A16967	1189-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1416	42.1	A16793 2deg OB	1190-B	RP/LE	SG
L-1417	42.1	A16906	407T-A	RP	RP
L-1418	35.2	A16793	1191-B	RP/LE	JK
L-1419	42.1	A16797	1192-B	RP/LE	BS
L-1420	42.2	A16790 3deg Sag	1193-B	RP/LE	CB
L-1421	42.1	A16790	1194-B	RP/LE	CN
L-1422	42.2	A16402	1195-B	RP/LE	SG
L-1423	42.1	A16790	1196-B	RP/LE	JK
L-1424	42.1	A16907 2deg Sag	1197-B	RP/LE	BS
L-1425	42.1	A16792	1198-B	RP/LE	CB
L-1426	45	813920	1199-B	RP/LE	CN
L-1427	45	813920	1200-B	RP/LE	SG
L-1428	45	813920 3deg OB	1201-B	RP/LE	JK
L-1429	45	813920 2deg OB	1202-B	RP/LE	BS
L-1430	45	813921 2deg OB	1203-B	RP/LE	CB
L-1431	45	719083	1204-B	RP/LE	CN
L-1432	45	813921	1205-B	RP/LE	BS
L-1433	45	813920	1206-B	RP/LE	CB
L-1434	45	813920	1207-B	RP/LE	CN
L-1435	45	719098 3deg OB	1208-B	RP/LE	SG
L-1436	45	813921 2deg Sag	1209-B	RP/LE	JK
L-1437	46	813921	1210-B	RP/LE	BS
L-1438	45	813921 2deg Sag	1211-B	RP/LE	CB
L-1439	45	813921	1212-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1440	45	813921 2deg OB	1213-B	RP/LE	SG
L-1441	45	719089	1214-B	RP/LE	JK
L-1442	42.8	652020	1215-B	RP/LE	BS
L-1443	42.1	278730	1216-B	RP/LE	CB
L-1444	40.8	N72776 2deg Sag	1217-B	RP/LE	CN
L-1445	42.1	178368	1218-B	RP/LE	SG
L-1446	42.1	178728	1219-B	RP/LE	JK
L-1447	42.1	178728 3deg OB	286-A	RP/LE	BS
L-1448	42.1	N72776	287-A	RP/LE	CB
L-1449	40.7	N72776	288-A	RP/LE	CN
L-1450	42.6	S73307 2deg OB	289-A	RP/LE	SG
L-1451	42.1	278730	290-A	RP/LE	JK
L-1452	42.1	276731	291-A	RP/LE	BS
L-1453	42.1	178368 2deg Sag	292-A	RP/LE	CB
L-1454	42.1	278739	293-A	RP/LE	CN
L-1455	42.1	278739	294-A	RP/LE	SG
L-1456	42.1	178368	295-A	RP/LE	JK
L-1457	42.1	278739	1220-B	RP/LE	BS
L-1458	42.1	178368	1221-B	RP/LE	CB
L-1459	42.1	178368	1222-B	RP/LE	CN
L-1460	42.1	178728	408T-A	RP	RP
L-1461	42.1	178728	409T-A	RP	RP
L-1461B	7	A16792	410T-A	RP	RP
L-1462	42.1	178728	1223-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1463	42.1	178368	1224-B	RP/LE	JK
L-1464	42	178369 4deg Sag	1225-B	RP/LE	BS
L-1465	42.1	178368	1226-B	RP/LE	CB
L-1466	45	813488 2deg OB	1227-B	RP/LE	CN
L-1467	45	813488	1228-B	RP/LE	SG
L-1468	45	712152	1229-B	RP/LE	JK
L-1469	45	712152 2deg Sag	1230-B	RP/LE	BS
L-1470	45	813988	1231-B	RP/LE	CB
L-1471	45	813988 3deg OB	1232-B	RP/LE	CN
L-1472	45	813988	1233-B	RP/LE	SG
L-1473	45	825498	1234-B	RP/LE	JK
L-1474	45	225498	1235-B	RP/LE	BS
L-1475	45	712152	1236-B	RP/LE	CB
L-1476	45	712152 3deg OB	1237-B	RP/LE	CN
L-1477	45	813988 4deg Sag	1238-B	RP/LE	SG
L-1478	45	813988	1239-B	RP/LE	JK
L-1479	45	813488 3deg OB	1240-B	RP/LE	BS
L-1480	45	825498	1241-B	RP/LE	CB
L-1481	45	712152	1242-B	RP/LE	CN
L-1482	45	712152 2deg Sag	1243-B	RP/LE	SG
L-1483	45	813488	1244-B	RP/LE	JK
L-1484	45	813488 2deg OB	1245-B	RP/LE	BS
L-1485	45	813488	1246-B	RP/LE	CB
L-1486	45	813488	1247-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1487	45	712153	1248-B	RP/LE	SG
L-1488	45	712153	1249-B	RP/LE	JK
L-1489	45	813488 2deg OB	1250-B	RP/LE	BS
L-1490	45	825498 6deg LSB	1251-B	RP/LE	CB
L-1491	45	712153 12deg LSB	1252-B	RP/LE	CN
L-1492	45	712152	1253-B	RP/LE	SG
L-1493	45	825498	1254-B	RP/LE	JK
L-1494	45	825498	1255-B	RP/LE	BS
L-1495	45	712153	411T-A	RP	RP
L-1496	35	719098 2deg OB	1256-B	RP/LE	CB
L-1497	45	719098 2deg OB	1257-B	RP/LE	CN
L-1498	45	719098	1258-B	RP/LE	SG
L-1499	45	813920 2deg Sag	1259-B	RP/LE	JK
L-1500	45	813920 4deg RSB	1260-B	RP/LE	BS
L-1501	45	719098 8deg RSB	1261-B	RP/LE	CB
L-1502	45	813921 4deg RSB	1262-B	RP/LE	CN
L-1503	45	813920 4deg OB	1263-B	RP/LE	SG
L-1504	45	813920	1264-B	RP/LE	JK
L-1505	45	813920 4deg Sag	1265-B	RP/LE	BS
L-1506	45	712153	412T-A	RP	RP
L-1507	39	825498	1266-B	RP/LE	CB
L-1508	45	825498 2deg OB	1267-B	RP/LE	CN
L-1509	45.1	825498 2deg OB	1268-B	RP/LE	SG
L-1510	45.1	825498 4deg Sag	1269-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1511	45	712154 3deg OB	1270-B	RP/LE	BS
L-1512	45	712153 2deg OB	1271-B	RP/LE	CB
L-1513	45	712153 4deg Sag	1272-B	RP/LE	CN
L-1514	45.1	712153 2deg Sag	1273-B	RP/LE	SG
L-1515	45.1	712153	1274-B	RP/LE	JK
L-1516	45.1	712153	1275-B	RP/LE	BS
L-1517	45.1	712153	1276-B	RP/LE	CB
L-1518	45.1	712153 3deg Sag	1277-B	RP/LE	CN
L-1519	45.1	712153 4deg OB	1278-B	RP/LE	CN
L-1520	45.1	712153 3deg Sag	1279-B	RP/LE	LE
L-1521	45.1	712153	1280-B	RP/LE	SG
L-1522	45.1	712153	413T-A	RP	RP
L-1523	45.1	712153	414T-A	RP	RP
L-1524	45.1	712153	1281-B	RP/LE	JK
L-1525	45.1	712153	1282-B	RP/LE	BS
L-1526	45.1	712153 2deg Sag	1283-B	RP/LE	CB
L-1527	45.1	712153 2deg Sag	1284-B	RP/LE	CN
L-1528	45.1	712153	1285-B	RP/LE	JK/BS
L-1529	45.1	712153 8deg RSB	1286-B	RP/LE	CB
L-1530	45	712152 12deg RSB	1287-B	RP/LE	CN
L-1531	45	724081 6deg RSB	1288-B	RP/LE	SG
L-1532	45	724081 6deg RSB	1289-B	RP/LE	JK
L-1533	45	724081	1290-B	RP/LE	BS
L-1534	45	724081	1291-B	RP/LE	CB

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1535	45	702057	1292-B	RP/LE	CN
L-1536	45	724081	415T-A	RP	RP
L-1537	41.2	724081	1293-B	RP/LE	CB
L-1538	45.1	712152	1294-B	RP/LE	CN
L-1539	45	813988	1295-B	RP/LE	LE
L-1540	45	712097 2deg Sag	1296-B	RP/LE	RP
L-1541	45	712152 8deg LSB	1297-B	RP/LE	SG
L-1542	45	813988 12deg LSB	1298-B	RP/LE	JK
L-1543	45	712152	1299-B	RP/LE	CB
L-1544	45	712097 6deg OB	1300-B	RP/LE	BS
L-1545	45	724081	1301-B	RP/LE	CN
L-1546	45	724081 2deg Sag	1302-B	RP/LE	SG
L-1547	45	724081 2deg Sag	1303-B	RP/LE	JK
L-1548	45	724081	1304-B	RP/LE	CB
L-1549	45	825498 2deg OB	1305-B	RP/LE	BS
L-1550	45	825498	416T-A	RP	RP
L-1551	36.1	825498	1306-B	RP/LE	CN
L-1552	45	825498 2deg Sag	1307-B	RP/LE	SG
L-1553	45	825498	1308-B	RP/LE	JK
L-1554	45	724081	1309-B	RP/LE	CB
L-1555	45	724081	1310-B	RP/LE	BS
L-1556	45	724081 2deg OB	1311-B	RP/LE	CN
L-1557	45	724081	1-C	RP/LE	SG
L-1558	45	712153 2deg Sag	2-C	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1559	45	712153	3-C	RP/LE	CB
L-1560	45	712153	4-C	RP/LE	BS
L-1561	45	724081 2deg OB	5-C	RP/LE	CN
L-1562	45.1	724081	6-C	RP/LE	SG
L-1563	45.1	712153 3deg Sag	7-C	RP/LE	JK
L-1564	45.1	712153	8-C	RP/LE	CB
L-1565	45	712153 2deg OB	9-C	RP/LE	BS
L-1566	45.1	712153	10-C	RP/LE	CN
L-1567	45.1	724081	11-C	RP/LE	SG
L-1568	45.1	712153	12-C	RP/LE	JK
L-1569	45.1	724081 2deg OB	13-C	RP/LE	CB
L-1570	45	724081	14CRNW-A	RP/LE	BS
L-1571	45	724081 2deg Sag	1312-B	RP/LE	CN
L-1572	45	712153	1313-B	RP/LE	SG
L-1573	45	712153	1314-B	RP/LE	JK
L-1574	45.1	724081 2deg OB	1315-B	RP/LE	CB
L-1575	45.1	712153	1316-B	RP/LE	BS
L-1576	45.1	712153 3deg Sag	1317-B	RP/LE	CN
L-1577	45.1	712153	1318-B	RP/LE	SG
L-1578	45.1	712153	1319-B	RP/LE	JK
L-1579	45.1	712153	1320-B	RP/LE	CB
L-1580	26.1	712153	417T-A	RP	RP
49th St. BORE #17					
B-209	44.3	A7J328	22B-B	RP/LE	RP/LE
B-210	45	B23508	418T-A	RP	RP

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
END BORE #17					
L-1581	29.1	712153	1321-B	RP/LE	BS
L-1582	45.1	712153	1322-B	RP/LE	CN
L-1583	45.1	712153	1323-B	RP/LE	SG
L-1584	45.1	712153	1324-B	RP/LE	JK
L-1585	45.1	712153	1325-B	RP/LE	CB
L-1586	45	813488 2deg OB	1326-B	RP/LE	BS
L-1587	45.1	813488 2deg OB	1327-B	RP/LE	CN
L-1588	45	813921	1328-B	RP/LE	SG
L-1589	45	813920	1329-B	RP/LE	JK
L-1590	45.1	813920 2deg Sag	1330-B	RP/LE	CB
L-1591	45.1	813921	1331-B	RP/LE	BS
L-1592	45.1	813921 2deg OB	15-C	RP/LE	CN
L-1593	45.1	813921 2deg OB	16-C	RP/LE	SG
L-1594	45.1	712153	17-C	RP/LE	JK
L-1595	45	813921	18-C	RP/LE	CB
L-1596	45	813920	19-C	RP/LE	BS
L-1597	45	813920 6deg Sag	20-C	RP/LE	CN
L-1598	45	813921	21-C	RP/LE	SG
L-1599	45	712153 6deg OB	22-C	RP/LE	JK
L-1600	45	712153	23-C	RP/LE	CB
L-1601	45	712153 4deg Sag	24-C	RP/LE	BS
L-1602	45	712153 3deg Sag	25CRNW-A	RP/LE	CN
L-1603	45	712153 2deg OB	26-C	RP/LE	SG
L-1604	45.1	712153 3deg OB	27-C	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1605	45	813488	28-C	RP/LE	CB
L-1606	45	712153	1332-B	RP/LE	BS
L-1607	45	823498	1333-B	RP/LE	CN
L-1608	45	712152 3deg Sag	1334-B	RP/LE	SG
L-1609	45.1	712153	1335-B	RP/LE	JK
L-1610	45	825498 2deg Sag	1336-B	RP/LE	CB
L-1611	45	712153	1337-B	RP/LE	BS
L-1612	45.1	712153 3deg OB	1338-B	RP/LE	CN
L-1613	45	712153 2deg OB	1339-B	RP/LE	SG
L-1614	45	712153	419T-A	RP	RP
L-1615	42	825498	1340-B	RP/LE	JK
L-1616	45	712153 3deg Sag	1341-B	RP/LE	CB
L-1617	45	712153	1342-B	RP/LE	BS
L-1618	45	825498 3deg OB	1343-B	RP/LE	CN
L-1619	45	825498 4deg OB	1344-B	RP/LE	SG
L-1620	45	825498	1345-B	RP/LE	JK
L-1621	45	825498 3deg Sag	1346-B	RP/LE	CB
L-1622	45	825498	1347-B	RP/LE	BS
L-1623	45	825498 3deg Sag	1348-B	RP/LE	CN
L-1624	45	825498	1349-B	RP/LE	SG
L-1625	45	724081	1350-B	RP/LE	JK
L-1626	45.1	712153	1351-B	RP/LE	CB
L-1627	45.1	712153 2deg OB	29-C	RP/LE	BS
L-1628	45	813488	30-C	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1629	45	813488 2deg OB	31-C	RP/LE	SG
L-1630	45.1	712153 2deg OB	32-C	RP/LE	JK
L-1631	45.1	712153 2deg Sag	33-C	RP/LE	CB
L-1632	45	813920 1deg Sag	34-C	RP/LE	BS
L-1633	45	712153	35-C	RP/LE	CN
L-1634	45	813489 2deg Sag	36-C	RP/LE	SG
L-1635	45	813921	37-C	RP/LE	JK
L-1636	45	813921 2deg OB	38-C	RP/LE	CB
L-1637	45	813489	39-C	RP/LE	BS
L-1638	45	813921 2deg OB	40-C	RP/LE	CN
L-1639	45	813920 4deg RSB	41-C	RP/LE	SG
L-1640	45	813488	42-C	RP/LE	JK
L-1641	45	813489 2deg Sag	1352-B	RP/LE	CB
L-1642	45	813488	1353-B	RP/LE	BS
L-1643	45	813489 2deg Sag	1354-B	RP/LE	CN
L-1644	45	813488	1355-B	RP/LE	SG
L-1645	43	813489	420T-A	RP	RP
L-1646	45	813488	1356-B	RP/LE	JK
L-1647	45	813920	1357-B	RP/LE	CB
L-1648	45	813489	1358-B	RP/LE	BS
L-1649	45	813920	1359-B	RP/LE	CN
L-1650	45	813921 3deg Sag	1360-B	RP/LE	SG
L-1651	45	813921	1361-B	RP/LE	JK
L-1652	45	813921 2deg OB	1362-B	RP/LE	CB

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1653	45	813920	1363-B	RP/LE	BS
L-1654	45	813920 4deg LSB	1364-B	RP/LE	CN
L-1655	45	813921	1365-B	RP/LE	SG
L-1656	45	813920 2deg LSB	1366-B	RP/LE	JK
L-1657	45	813920 3deg OB	1367-B	RP/LE	CB
L-1658	45	813488	1368-B	RP/LE	BS
L-1659	45	813921	1369-B	RP/LE	CN
L-1660	45	813488	1370-B	RP/LE	SG
L-1661	45	813920	1371-B	RP/LE	JK
L-1662	45	813920 4deg Sag	43-C	RP/LE	CB
L-1663	45	813921 3deg OB	44-C	RP/LE	BS
L-1664	45	813920	45-C	RP/LE	CN
L-1665	45	813920	46-C	RP/LE	SG
L-1666	45.1	712153	421T-A	RP	RP
L-1667	36.5	712153	47-C	RP/LE	JK
L-1668	45.1	712153	48-C	RP/LE	CB
L-1669	45.1	712153	49-C	RP/LE	BS
L-1670	45.1	712153	50-C	RP/LE	CN
L-1671	45.1	712153	51-C	RP/LE	SG
L-1672	45.1	712153	52-C	RP/LE	JK
L-1673	45.1	712153 2deg OB	53-C	RP/LE	CB
L-1674	45.1	712153	54-C	RP/LE	BS
L-1675	45.1	712153	55-C	RP/LE	CN
L-1676	45.1	712152	56-C	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1677	45.1	712152	1372-B	RP/LE	JK
L-1678	45.1	712153	1373-B	RP/LE	CB
L-1679	45.1	712153	1374-B	RP/LE	BS
L-1680	45.1	712153	1375-B	RP/LE	CN
L-1681	45.1	712153	1376-B	RP/LE	SG
L-1682	45.1	712153	1377-B	RP/LE	JK
L-1683	45.1	712153	1378-B	RP/LE	CB
L-1684	45.1	712153	1379-B	RP/LE	BS
L-1685	45.1	712153	1380-B	RP/LE	CN
L-1686	45	712152	1381-B	RP/LE	SG
L-1687	45.1	712153	1382-B	RP/LE	JK
L-1688	45.1	712153	1383-B	RP/LE	CB
L-1689	45.1	712153	1386-B	RP/LE	BS
L-1690	45.1	712153	1387-B	RP/LE	CN
L-1691	45.1	712153	1388-B	RP/LE	SG
L-1692	45.1	712153 2deg OB	1389-B	RP/LE	JK
L-1693	45.1	712153	1390-B	RP/LE	CB
L-1694	45.1	712153 2deg Sag	1391-B	RP/LE	BS
L-1695	45.1	712153	57-C 423T-A	RP	RP
L-1696	44.1	712153	422T-A	RP	RP
L-1697	42.1	A18725	1384-B	RP/LE	CN
L-1698	42.1	A18725	1385-B	RP/LE	CN
L-1699	6	A18729	424T-A	RP	RP
L-1700	45.1	712163	58-C	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1701	45.1	712153	59-C	RP/LE	JK
L-1702	45.1	712153	60-C	RP/LE	BS
L-1703	45.1	712153	61-C	RP/LE	CB
L-1704	45.1	712153	62-C	RP/LE	CN
L-1705	45.1	712152	63-C	RP/LE	CB
L-1706	45.1	712153 3deg Sag	64-C	RP/LE	SG
L-1707	45.1	712153	65-C	RP/LE	JK
L-1708	45.1	712153 3deg OB	66-C	RP/LE	BS
L-1709	45	712097 3deg OB	67-C	RP/LE	CN
L-1710	45.1	712152 3deg OB	68-C	RP/LE	SG
L-1711	45	712097	69-C	RP/LE	JK
L-1712	45	712152 3deg Sag	1392-B	RP/LE	BS
L-1713	45	712097 2deg OB	1393-B	RP/LE	CB
L-1714	45	724081 3deg OB	1394-B	RP/LE	CN
L-1715	45	712152 2deg Sag	1395-B	RP/LE	SG
L-1716	45	712152	1396-B	RP/LE	JK
L-1717	45	712152	1397-B	RP/LE	BS
L-1718	45	712152	1398-B	RP/LE	CB
L-1719	45	712097	1399-B	RP/LE	CN
L-1720	45	724081 2deg OB	1400-B	RP/LE	CB
L-1721	45	724081	1401-B	RP/LE	CN
L-1722	45	712152	1402-B	RP/LE	CB
L-1723	45	712152	1403-B	RP/LE	CN
L-1724	45	724081 3deg OB	1404-B	RP/LE	CB

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1725	45	712152	1405-B	RP/LE	CN
L-1726	45	712152	1406-B	RP/LE	JK/CB
L-1727	45	712152	1407-B	RP/LE	CN
L-1728	45	712152	1408-B	RP/LE	SG
L-1729	45	712152	1409-B	RP/LE	CB
L-1730	45	712097 3deg Sag	1410-B	RP/LE	JK
L-1731	45	712097	1411-B	RP/LE	BS
L-1732	45	724081 2deg OB	311-A	RP/LE	CN
L-1733	45	724081 4deg OB	312-A	RP/LE	SG
L-1734	45	724097	313-A	RP/LE	CB
L-1735	45	724081	314-A	RP/LE	JK
L-1736	45	724081	315-A	RP/LE	BS
L-1737	45	712097	316-A	RP/LE	CN
L-1738	45	712097	317-A	RP/LE	SG
L-1739	45	712152	318-A	RP/LE	CB
L-1740	45	712152	319-A	RP/LE	JK
L-1741	45	712152	320-A	RP/LE	BS
L-1742	45	825007	321-A	RP/LE	CN
L-1743	45	825007 2deg Sag	322-A	RP/LE	SG
L-1744	45	825007	323-A	RP/LE	CB
L-1745	45	813489	324-A	RP/LE	JK
L-1746	45	813489 2deg OB	325-A	RP/LE	BS
L-1747	45	712152	326-A	RP/LE	CN
L-1748	45	712152	1412-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1749	45	712097	1413-B	RP/LE	CN
L-1750	45	712097	1414-B	RP/LE	CB/JK
L-1751	45	724081 2deg OB	1415-B	RP/LE	BS
L-1752	42.1	A16797	1416-B	RP/LE	CN
L-1753	41	712097	429T-A	RP	RP
L-1753B	7	A18729	430T-A	RP	RP
90-1	6R 90	517673	431T-A	RP	RP
NORTH HWY 8 BORE #18					
B-172B	7	A7J328	79B-A	RP/LE	RP/LE
B-172	44.3	A7J328	78B-A	RP/LE	RP/LE
B-171	44.3	A7J328	77B-A	RP/LE	RP/LE
B-170	44.2	A7J328	76B-A	RP/LE	RP/LE
B-169	44.3	A7J328	75B-A	RP/LE	RP/LE
B-168	44.3	A7J328	74B-A	RP/LE	RP/LE
B-167	44.3	A7J328	73B-A	RP/LE	RP/LE
B-166	35.3	A7J328	432T-A	RP	RP
END BORE #18					
90-2	6R 90	517673	433T-A	RP	RP
L-1754A	15	A18729	434T-A	RP	RP
L-1754	33.6	712057	1417-B	RP/LE	SG
L-1755	45	724081	1418-B	RP/LE	CB
L-1756	42.1	A16907	1419-B	RP/LE	JK
L-1757	42.1	A16908	1420-B	RP/LE	BS
L-1758	42.2	A16908	1421-B	RP/LE	CN
L-1759	42.1	A16908	1422-B	RP/LE	SG
L-1760	42.1	A16907	1423-B	RP/LE	CB

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1761	42.1	A16793	1424-B	RP/LE	JK
L-1762	42.1	A16795 2deg OB	1425-B	RP/LE	BS
L-1763	42.1	A16907	1426-B	RP/LE	CN
L-1764	42.1	A16908	1427-B	RP/LE	CN
L-1765	42.1	A16907	1428-B	RP/LE	SG
L-1766	42.1	A16908 2deg OB	1429-B	RP/LE	CB
L-1767	42.1	A16907	1430-B	RP/LE	JK
L-1768	42.1	A16795	1431-B	RP/LE	BS
L-1769	42.1	A16907	327-A	RP/LE	CN
L-1770	42.1	A16907	328-A	RP/LE	SG
L-1771	42.1	A16907	329-A	RP/LE	CB
L-1772	42.1	A16907	330-A	RP/LE	JK
L-1773	42.1	A16907	331-A	RP/LE	BS
L-1774	42.1	A16716	332-A	RP/LE	CN
L-1775	42.1	A16907	333-A	RP/LE	SG
L-1776	42.1	A16907	334-A	RP/LE	CB
L-1777	42.1	A16907	335-A	RP/LE	JK
L-1778	42.1	A16907	336-A	RP/LE	BS
L-1779	42.1	A16908	337-A	RP/LE	CN
L-1780	42.1	A16797	338-A	RP/LE	CN
L-1781	42.1	A16795 2deg Sag	339-A	RP/LE	SG
L-1782	42.1	A16797	340-A	RP/LE	CB
L-1783	42.1	A16907	341-A	RP/LE	JK
L-1784	42.1	A16907	342-A	RP/LE	BS

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1785	42.1	A16907	343-A	RP/LE	CN
L-1786	42.1	A16907 2deg Sag	344-A	RP/LE	CN
L-1787	42.1	A16797	345-A	RP/LE	CN
L-1788	42.1	A16907	346-A	RP/LE	SG
L-1789	42.1	A16907	1432-B	RP/LE	CB
L-1790	42.1	A16907 3deg OB	1433-B	RP/LE	JK
L-1791	42.1	A16907 2deg OB	1434-B	RP/LE	BS
L-1792	21.1	B21005	425T-A	RP	RP
L-1793	21	B21005	1435-B	RP/LE	CN
L-1794	42.1	A16796	1436-B	RP/LE	CN
L-1795	42.1	A16907 2deg OB	1437-B	RP/LE	CN
L-1796	42.1	A16796 4deg RSB	1438-B	RP/LE	SG
L-1797	42.1	A16796 6deg Sag	1439-B	RP/LE	CB
L-1798	\$2.20	A16791 4deg LSB	1440-B	RP/LE	JK
L-1799	42.1	A16907 3deg OB	1441-B	RP/LE	BS
L-1800	42.1	B21005	1442-B	RP/LE	CN
L-1801	42.1	A16790	1443-B	RP/LE	SG
L-1802	42.1	B21005 2deg Sag	1444-B	RP/LE	CB
L-1803	42.1	A16907	1445-B	RP/LE	JK
L-1804	42.1	B21005 4deg OB	1446-B	RP/LE	BS
L-1805	42.1	A16907 4deg OB	1447-B	RP/LE	CN
L-1806	42.1	A16791	1448-B	RP/LE	SG
L-1807	42.1	A16796	1449-B	RP/LE	CB
L-1808	42.1	A16796	1450-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1809	42.1	B21005	1451-B	RP/LE	BS
L-1810	42.1	A16792	1452-B	RP/LE	CN
L-1811	42.1	A16791	1453BRNW-A	RP	RP
L-1812	42.1	A16796	1454-B	RP/LE	SG
L-1813	42.1	A16796 3deg OB	1455-B	RP/LE	CB
L-1814	42.1	A16796 2deg OB	1456-B	RP/LE	JK
L-1815	42.1	A16796 16deg Sag	1457-B	RP/LE	RP/LE
L-1816	42.1	A16796 8deg OB	1458-B	RP/LE	BS
L-1817	42.1	A16796	1459-B	RP/LE	CN
L-1818	37.1	B21005 3deg Sag	426T-A	RP	RP
L-1819	7.1	B21005	427T-A	RP	RP
47th St. BORE #19					
B-206	44.5	B7J795	17B-B	RP/LE	RP/LE
B-207	44.3	B7J795	18B-B	RP/LE	RP/LE
B-208	45	B23508	428T-A	RP	RP
END BORE #19					
L-1820	33.1	A16797	1460-B	RP/LE	SG
L-1821	42.1	A16791 2deg OB	1461-B	RP/LE	CB
L-1822	42.1	A16796	1462-B	RP/LE	JK
L-1823	42.1	A16797	1463-B	RP/LE	BS
L-1824	42.1	A16791 2deg Sag	1464-B	RP/LE	CN
L-1825	42.1	A16790	1465-B	RP/LE	SG
L-1826	42.1	A16791	1466-B	RP/LE	CB
L-1827	42.1	A16791	1467-B	RP/LE	JK
L-1828	42.1	A16791	1468-B	RP/LE	BS
L-1829	42.1	A16791 2deg Sag	1469-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1830	42.1	B21005	1470-B	RP/LE	SG
L-1831	42.1	A16791	1471-B	RP/LE	CB
L-1832	42.1	B21005	1472-B	RP/LE	JK
L-1833	42.1	A16791 2deg OB	1473-B	RP/LE	BS
L-1834	42.1	A16791	1474-B	RP/LE	CN
L-1835	42.1	A16791	1475-B	RP/LE	SG
L-1836	42.1	B21005	1476-B	RP/LE	CB
L-1837	45	813489	1477-B	RP/LE	JK
L-1838	45	813488 3deg Sag	1478-B	RP/LE	BS
L-1839	45.1	712153	1479-B	RP/LE	CN
L-1840	45	813988 2deg Sag	1480-B	RP/LE	CN
L-1841	45	712152	1481-B	RP/LE	SG
L-1842	45	813488 4deg OB	1482-B	RP/LE	CB
L-1843	45	813988	1483-B	RP/LE	JK
L-1844	45	813488	1484-B	RP/LE	BS
L-1845	45	813488	1485-B	RP/LE	CN
L-1846	45	813488	1486-B	RP/LE	CN
L-1847	43.6	813988	435T-A	RP	RP
L-1848	14	813988	436T-A	RP	RP
90-3	6R 90	517673	437T-A	RP	RP
SOUTH HWY 8 BORE #20					
B-178	44.3	A7J328	80B-A	RP/LE	RP/LE
B-177	44.3	A7J328	81B-A	RP/LE	RP/LE
B-176	44.3	A7J328	82B-A	RP/LE	RP/LE
B-175	44.3	A7J328	83B-A	RP/LE	RP/LE

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
B-174	44.3	A7J328	84B-A	RP/LE	RP/LE
B-173	44.5	A7J328	85B-A	RP/LE	RP/LE
B-173B	44.3	A7J328	438T-A	RP	RP
END BORE #20					
L-1849	33	813988 4deg RSB	1487-B	RP/LE	SG
L-1850	45	813988 14deg RSB	1488-B	RP/LE	CB
L-1851	45	813988 8deg RSB	1489-B	RP/LE	JK
L-1852	45	813988 14deg RSB	1490-B	RP/LE	BS
L-1853	45	813988 10deg RSB	1491-B	RP/LE	CN
L-1854	45	813488 8deg RSB	1492-B	RP/LE	SG
L-1855	45	813988 6deg RSB	1493-B	RP/LE	CB
L-1856	45	813988 4deg RSB	1494-B	RP/LE	JK
L-1857	45	813988	1495-B	RP/LE	BS
L-1858	42.1	A16907	1496-B	RP/LE	CN
L-1859	45	813988	1497-B	RP/LE	SG
L-1860	45	813988	1498-B	RP/LE	CB
L-1861	42.1	A16907	1499-B	RP/LE	JK
L-1862	42.1	A16907	1500-B	RP/LE	BS
L-1863	42.1	A16907	1501-B	RP/LE	CN
L-1864	42.1	A16907	1502-B	RP/LE	CN
L-1865	42.1	A16907	1503-B	RP/LE	SG
L-1866	42.1	A16907	1504-B	RP/LE	SG/JK
L-1867	42.1	A16796 2deg Sag	1505-B	RP/LE	JK
L-1868	40	A16905	1506-B	RP/LE	BS
L-1869	42.1	A16907	1507-B	RP/LE	CN

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1870	42.1	A16907 2deg OB	1508-B	RP/LE	BS
L-1871	42.1	A16907 2deg OB	1509-B	RP/LE	CN
L-1872	42.1	A16908	1510-B	RP/LE	SG
L-1873	42.1	A16908 2deg Sag	1511-B	RP/LE	JK
L-1874	42.1	A16797 2deg OB	1512-B	RP/LE	BS
L-1875	42.1	A16796	1513-B	RP/LE	CN
L-1876	40.6	A16789	1514-B	RP/LE	SG
L-1877	42.1	A16796	1515-B	RP/LE	JK
L-1878	39.5	A16796	1516-B	RP/LE	BS
L-1879	42.1	A16796	439T-A	RP	RP
L-1880	39.3	A16799	1517-B	RP/LE	CN
L-1881	42.1	A16797	1518-B	RP/LE	SG
L-1882	42.2	A16790	1519-B	RP/LE	JK
L-1883	42.1	A16907	1520-B	RP/LE	BS
L-1884	45	813488	1521-B	RP/LE	CN
L-1885	45	712091	1522-B	RP/LE	SG
L-1886	42.1	A16793	1523-B	RP/LE	JK
L-1887	42.1	A16793	1524-B	RP/LE	BS
L-1888	42.1	A16790	1525-B	RP/LE	CN
L-1889	42.1	A16793	1526-B	RP/LE	JK
L-1890	45	813488	1527-B	RP/LE	SG
L-1891	45	813488	1528-B	RP/LE	BS
L-1892	45	825498	1529-B	RP/LE	CN
L-1893	45	712097	1530-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1894	45	825475	1531-B	RP/LE	SG
L-1895	45	712097	1532-B	RP/LE	BS
L-1896	45	825498	1533-B	RP/LE	CN
L-1897	45	712097 1deg Sag	1534-B	RP/LE	CN
L-1898	45	712097 1deg Sag	1535-B	RP/LE	JK
L-1899	45	712097	1536-B	RP/LE	SG
L-1900	45	825498	1537-B	RP/LE	BS
L-1901	45	813488	1538-B	RP/LE	CN
L-1902	45	813488 2deg OB	1539-B	RP/LE	CN
L-1903	45	813488 1deg Sag	1540-B	RP/LE	JK
L-1904	45	813488	1541-B	RP/LE	SG
L-1905	45	813488 1deg Sag	1542-B	RP/LE	BS
L-1906	45	813488	1543-B	RP/LE	CN
L-1907	45	813488	1544-B	RP/LE	JK
L-1908	45	813488	1545-B	RP/LE	SG
L-1909	45	813488	1546-B	RP/LE	BS
L-1910	45	813488 2deg Sag	1547-B	RP/LE	CN
L-1911	45	813488 2deg OB	1548-B	RP/LE	CN
L-1912	45	813488 2deg OB	1549-B	RP/LE	JK
L-1913	45	813488 1deg Sag	1550-B	RP/LE	SG
L-1914	45	813488	1551-B	RP/LE	BS
L-1915	45	813488 1deg Sag	1552-B	RP/LE	CN
L-1916	45	813488	1553-B	RP/LE	CN
L-1917	45	813488	1554-B	RP/LE	CB

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1918	45	712153	1555-B	RP/LE	JK
L-1919	45	712153	1556-B	RP/LE	SG
L-1920	45	712153	1557-B	RP/LE	BS
L-1921	45	813488	1558-B	RP/LE	CN
L-1922	45	813488	1559-B	RP/LE	CB
L-1923	45	813488	1560-B	RP/LE	JK
L-1924	45	813488	1561-B	RP/LE	SG
L-1925	45	813488 2deg LSB	1562-B	RP/LE	BS
L-1926	45	813488 2deg LSB	1563-B	RP/LE	CN
L-1927	45	813488 2deg OB	1564-B	RP/LE	CB
L-1928	45	813488 2deg OB	1565-B	RP/LE	JK
L-1929	45	813488 2deg OB	1566-B	RP/LE	SG
L-1930	45	724081	1567-B	RP/LE	BS
L-1931	45	813488	1568-B	RP/LE	CN
L-1932	45	813488	1569-B	RP/LE	CB
L-1933	45	813488	1570-B	RP/LE	JK
L-1934	45	813488	1571-B	RP/LE	SG
L-1935	45	813488	1572-B	RP/LE	BS
L-1936	45	724081	1573-B	RP/LE	CN
L-1937	44	813488	1574BRNW-A	RP	RP
L-1938	21	813488	440T-A	RP	RP
46th St. BORE #21					
B-211	45	A7J328	19B-B	RP/LE	RP/LE
B-212	44.3	A7J328	20B-B	RP/LE	RP/LE
B-213	44.3	A7J328	21B-B	RP/LE	RP/LE

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
B-214	44.3	A7J328	441T-A	RP	RP
END BORE #21					
L-1939	33	724081	1575-B	RP/LE	CB
L-1940	45	813488	1576-B	RP/LE	JK
L-1941	45	724081	1577-B	RP/LE	SG
L-1942	45	712152	1578-B	RP/LE	BS
L-1943	45	724081	1579-B	RP/LE	CN
L-1944	45	712153	1580-B	RP/LE	CN
L-1945	45	712152	1581-B	RP/LE	CB
L-1946	45	712152	1582-B	RP/LE	JK
L-1947	45	712153	1583-B	RP/LE	SG
L-1948	45	813489	1584-B	RP/LE	BS
L-1949	45	712152	1585-B	RP/LE	CN
L-1950	45	813488	1586-B	RP/LE	CB
L-1951	45	813488	1587-B	RP/LE	JK
L-1952	45	825498	1588-B	RP/LE	SG
L-1953	45	825498	1589-B	RP/LE	BS
L-1954	45	825498	1590-B	RP/LE	CN
L-1955	45	825498	1591-B	RP/LE	CB
L-1956	45	712153	1592-B	RP/LE	JK
L-1957	42.1	S73306	1593-B	RP/LE	SG
L-1958	42.1	S73306	1594-B	RP/LE	BS
L-1959	42.1	278732	1595-B	RP/LE	CN
L-1960	39.1	N72776	1596-B	RP/LE	CB
L-1961	40	N72776	1597-B	RP/LE	JK

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1962	42.1	278738	1598-B	RP/LE	SG
L-1963	42.1	278736	1599-B	RP/LE	BS
L-1964	42.1	278730	1600-B	RP/LE	CN
L-1965	42	S73307	72-C	RP/LE	CB
L-1966	42.1	278730	73-C	RP/LE	JK
L-1967	42.9	S73306	74-C	RP/LE	SG
L-1968	42.1	178328	75-C	RP/LE	BS
L-1969	42.1	278731	76-C	RP/LE	CN
L-1970	40.2	N72776	77-C	RP/LE	CB
L-1971	39.7	N72776	78-C	RP/LE	JK
L-1972	42.1	278730 2deg OB	79-C	RP/LE	SG
L-1973	42.1	178728	80-C	RP/LE	BS
L-1974	42.1	S73306	81-C	RP/LE	CN
L-1975	42.6	S73307	82-C	RP/LE	CN
L-1976	42.1	278732	83-C	RP/LE	JK
L-1977	39.7	N72776	84-C	RP/LE	SG
L-1978	40.3	N72776	85-C	RP/LE	BS
L-1979	42.6	S73307	86-C	RP/LE	JK
L-1980	40	N72776	87-C	RP/LE	CN
L-1981	42.1	S73307	88-C	RP/LE	SG
L-1982	42.1	278730	89-C	RP/LE	BS
L-1983	40.3	N72776	90-C	RP/LE	CN
L-1984	39.8	N72776 1deg Sag	91-C	RP/LE	JK
L-1985	42.8	S73306 1deg Sag	92-C	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-1986	39.7	N72776	1601-B	RP/LE	BS
L-1987	42.1	178728	1602-B	RP/LE	CN
L-1988	39.8	N72776	1603-B	RP/LE	JK
L-1989	39.3	N72776	1604BRNW-A	RP	RP
L-1990	42.1	278730 2deg Sag	1605-B	RP/LE	BS
L-1991	39.7	N72776	1606-B	RP/LE	CN
L-1992	42.1	278731 4deg OB	1607-B	RP/LE	JK
L-1993	42.4	S73307	1608-B	RP/LE	SG
L-1994	42.6	S73307	1609-B	RP/LE	BS
L-1995	39.8	N72776	1610-B	RP/LE	CB
L-1996	42.1	S73306	1611-B	RP/LE	CB
L-1997	42.1	A16907	1612-B	RP/LE	CN
L-1998	42.1	B21005 2deg OB	1613-B	RP/LE	CB
L-1999	42.1	A16791 2deg OB	1614-B	RP/LE	JK
L-2000	42.1	A16790	1615-B	RP/LE	SG
L-2001	40.2	N72776 2deg OB	1616-B	RP/LE	CB
L-2002	40.2	N72776	1617-B	RP/LE	BS
L-2003	42.1	A16796	1618-B	RP/LE	CN
L-2004	42.1	A16796	1619-B	RP/LE	CB
L-2005	42.1	A16797	1620-B	RP/LE	JK
L-2006	42.1	A16795 3deg Sag	442T-A	RP	RP
L-2007	40	A16791	1621-B	RP/LE	SG
L-2008	42.1	A16907	1622-B	RP/LE	CB
L-2009	42.1	A16907 2deg OB	1623-B	RP/LE	CB

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-2010	42.1	A16796	1624-B	RP/LE	CB
L-2011	42.1	A16795	1625-B	RP/LE	CB
L-2012	42.1	A16797	1626-B	RP/LE	BS
L-2013	42.1	A16797	1627-B	RP/LE	CN
L-2014	42.1	A16789	1628-B	RP/LE	JK
L-2015	42.1	A16791	1629-B	RP/LE	SG
L-2016	42.1	A16790	1630-B	RP/LE	CB
L-2017	42.1	A16795 2deg Sag	1631-B	RP/LE	CB
L-2018	42.1	A16907	1632-B	RP/LE	BS
L-2019	42.1	A16793	1633-B	RP/LE	CN
L-2020	42.1	A16796	1634-B	RP/LE	CB
L-2021	42.1	A16908 3deg OB	1635-B	RP/LE	JK
L-2022	42.1	A16795 6deg LSB	1636-B	RP/LE	SG
L-2023	42.4	B21005 4deg LSB	1637-B	RP/LE	BS
L-2024	41.9	A16793 6deg LSB	1638BRNW-A	RP	RP
L-2025	40.2	A16907 8deg LSB	1639-B	RP/LE	CB
L-2026	42.1	A16793 6deg LSB	1640BRNW-A	RP	RP
L-2027	42.1	A16907 4deg LSB	1641-B	RP/LE	SG
L-2028	42.1	A16907 6deg LSB	1642-B	RP/LE	BS
L-2029	42.1	A16908 3deg OB	1643-B	RP/LE	CN
L-2030	42.1	A16908 3deg Sag	1644-B	RP/LE	CB
L-2031	41.6	A16791	1645-B	RP/LE	JK
L-2032	42	A16795	1646-B	RP/LE	SG
L-2033	42	A16795 2deg Sag	442T-A	RP	RP

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-2034	30.1	A16797	1647-B	RP/LE	BS
L-2035	41.6	A16908 4deg RSB	1648-B	RP/LE	CN
L-2036	36.5	A16908 8deg RSB	1649-B	RP/LE	CB
L-2037	42.1	A16907 4deg RSB	1650-B	RP/LE	JK
L-2038	42.1	A16907	1651-B	RP/LE	SG
L-2039	42.1	A16797	1652-B	RP/LE	BS
L-2040	42.1	A16797	1653-B	RP/LE	CN
L-2041	42.1	A16797	444T-A	RP	RP
L-2042	36.6	A16792	1654-B	RP/LE	CB
L-2043	42.1	A16907	1655-B	RP/LE	JK
L-2044	42.1	A16907 2deg Sag	1656-B	RP/LE	SG
L-2045	42.1	A16797 3deg RSB	1657-B	RP/LE	BS
L-2046	12.9	S73306	1658-B	RP	RP
L-2047	30.6	A16907 6deg RSB	1659-B	RP/LE	CN
L-2048	42.1	A16797 4deg OB	1660-B	RP/LE	CB
L-2049	42.1	A16792	445T-A	RP	RP
L-2050	40.1	A16792 3deg Sag	1661-B	RP/LE	JK
L-2051	42.1	A16792	1662-B	RP/LE	SG
L-2052	42.1	A16798	1663-B	RP/LE	BS
L-2053	42.1	A16792 4deg OB	1664-B	RP/LE	CN
L-2054	42.1	A16789 3deg Sag	1665-B	RP/LE	CB
L-2055	42.1	A16789	1666-B	RP/LE	JK
L-2056	42.1	A16797	446T-A	RP	RP
L-2057	39.3	278730	1667-B	RP/LE	SG

WHITING OIL AND GAS

Nexen 8" Steel pipeline

JOINT #	LENGTH	HEAT #	XR #	BEAD / HOT PASS	CAP WELDER
L-2058	42.1	A16789	1668-B	RP/LE	BS
L-2059	42.1	A16789 3deg OB	1669-B	RP/LE	CN
L-2060	42	278730 3deg Sag	1670-B	RP/LE	CB
L-2061	42.1	A16789	1671-B	RP/LE	JK
L-2062	42.6	S73307	1672-B	RP/LE	SG
L-2063	42.1	S73307 3deg OB	1673-B	RP/LE	BS
L-2064	42.1	178387 4deg RSB	1674-B	RP/LE	CN
L-2065	42.1	278730 2deg RSB	1675-B	RP/LE	CB
L-2066	42.1	A16789 2deg RSB	1676-B	RP/LE	JK
L-2067	42.1	A16789	1677-B	RP/LE	SG
L-2068	42.1	A16789	1678-B	RP/LE	BS
L-2069	42.1	A16789 3deg OB	1679-B	RP/LE	CN
L-2070	42.1	A16792	1680-B	RP/LE	CB
L-2071	42.1	A16792	1681-B	RP/LE	CB
L-2072	42.1	A16792	455T-A	RP	RP
90-5	6R 90	517673	451-A	LE	LE
Flange	600 Flange	H300 6270			

LAT/LONG
48° 18' 12.67786" N 102° 21' 43.28298" W
48° 18' 12.85133" N 102° 21' 42.67506" W
48° 18' 13.01941" N 102° 21' 42.06065" W
48° 18' 13.18345" N 102° 21' 41.43849" W
48° 18' 13.35241" N 102° 21' 40.82531" W
48° 18' 13.51305" N 102° 21' 40.21125" W
48° 18' 13.67121" N 102° 21' 39.59347" W
48° 18' 13.82654" N 102° 21' 38.97494" W
48° 18' 13.98674" N 102° 21' 38.36133" W
48° 18' 14.15609" N 102° 21' 37.75954" W
48° 18' 14.33275" N 102° 21' 37.15814" W
48° 18' 14.51363" N 102° 21' 36.54596" W
48° 18' 14.68686" N 102° 21' 35.93374" W
48° 18' 14.85705" N 102° 21' 35.31890" W
48° 18' 14.98542" N 102° 21' 34.85710" W
48° 18' 15.15593" N 102° 21' 34.24168" W
48° 18' 15.32634" N 102° 21' 33.62807" W
48° 18' 15.49571" N 102° 21' 33.01155" W
48° 18' 15.65918" N 102° 21' 32.39245" W
48° 18' 15.72342" N 102° 21' 31.75082" W
48° 18' 15.67180" N 102° 21' 31.08822" W
48° 18' 15.57120" N 102° 21' 30.43962" W
48° 18' 15.46860" N 102° 21' 29.79143" W
48° 18' 15.36665" N 102° 21' 29.14235" W

LAT/LONG
48° 18' 15.27398" N 102° 21' 28.55928" W
48° 18' 15.17246" N 102° 21' 27.91093" W
48° 18' 15.07212" N 102° 21' 27.26146" W
48° 18' 14.96960" N 102° 21' 26.61125" W
48° 18' 14.86632" N 102° 21' 25.96605" W
48° 18' 14.76309" N 102° 21' 25.31821" W
48° 18' 14.65630" N 102° 21' 24.66935" W
48° 18' 14.54866" N 102° 21' 24.02288" W
48° 18' 14.44719" N 102° 21' 23.37621" W
48° 18' 14.34736" N 102° 21' 22.72756" W
48° 18' 14.24565" N 102° 21' 22.07824" W
48° 18' 14.14352" N 102° 21' 21.42914" W
48° 18' 14.04018" N 102° 21' 20.78030" W
48° 18' 13.93413" N 102° 21' 20.13616" W
48° 18' 13.82916" N 102° 21' 19.48798" W
48° 18' 13.72813" N 102° 21' 18.84020" W
48° 18' 13.62789" N 102° 21' 18.19018" W
48° 18' 13.52702" N 102° 21' 17.54221" W
48° 18' 13.42607" N 102° 21' 16.89661" W
48° 18' 13.32411" N 102° 21' 16.24669" W
48° 18' 13.21879" N 102° 21' 15.60158" W
48° 18' 13.11228" N 102° 21' 14.95851" W
48° 18' 13.00565" N 102° 21' 14.31122" W
48° 18' 12.90305" N 102° 21' 13.66462" W

LAT/LONG
48° 18' 12.80077" N 102° 21' 13.01492" W
48° 18' 12.69772" N 102° 21' 12.36709" W
48° 18' 12.58873" N 102° 21' 11.72100" W
48° 18' 12.43815" N 102° 21' 11.09832" W
48° 18' 12.11838" N 102° 21' 10.64959" W
48° 18' 11.70433" N 102° 21' 10.43151" W
48° 18' 11.26193" N 102° 21' 10.39150" W
48° 18' 10.81761" N 102° 21' 10.38461" W
48° 18' 10.37209" N 102° 21' 10.39690" W
48° 18' 09.92733" N 102° 21' 10.40298" W
48° 18' 09.55827" N 102° 21' 10.41311" W
48° 18' 09.11322" N 102° 21' 10.41672" W
48° 18' 08.67001" N 102° 21' 10.41883" W
48° 18' 08.22648" N 102° 21' 10.41832" W
48° 18' 07.78232" N 102° 21' 10.42083" W
48° 18' 07.33797" N 102° 21' 10.41778" W
48° 18' 06.89472" N 102° 21' 10.41278" W
48° 18' 06.44966" N 102° 21' 10.41170" W
48° 18' 06.00539" N 102° 21' 10.40678" W
48° 18' 05.56111" N 102° 21' 10.40586" W
48° 18' 05.11689" N 102° 21' 10.40942" W
48° 18' 04.67416" N 102° 21' 10.41126" W
48° 18' 04.22933" N 102° 21' 10.41311" W
48° 18' 03.78648" N 102° 21' 10.41024" W

LAT/LONG
48° 18' 03.34153" N 102° 21' 10.40761" W
48° 18' 02.89871" N 102° 21' 10.40515" W
48° 18' 02.45531" N 102° 21' 10.40086" W
48° 18' 02.01074" N 102° 21' 10.39680" W
48° 18' 01.57128" N 102° 21' 10.40713" W
48° 18' 01.12278" N 102° 21' 10.41002" W
48° 18' 00.67814" N 102° 21' 10.41369" W
48° 18' 00.23451" N 102° 21' 10.41400" W
48° 17' 59.78982" N 102° 21' 10.41197" W
48° 17' 59.34923" N 102° 21' 10.41690" W
48° 17' 58.90173" N 102° 21' 10.41043" W
48° 17' 58.45811" N 102° 21' 10.40806" W
48° 17' 58.01466" N 102° 21' 10.40681" W
48° 17' 57.66894" N 102° 21' 10.40139" W
48° 17' 57.22332" N 102° 21' 10.40302" W
48° 17' 56.77895" N 102° 21' 10.40631" W
48° 17' 56.33448" N 102° 21' 10.41194" W
48° 17' 55.88980" N 102° 21' 10.42012" W
48° 17' 55.44538" N 102° 21' 10.42913" W
48° 17' 55.00561" N 102° 21' 10.43557" W
48° 17' 54.55722" N 102° 21' 10.42003" W
48° 17' 54.22208" N 102° 21' 10.41165" W

LAT/LONG
48° 17' 52.91113" N 102° 21' 10.37371" W
48° 17' 52.49511" N 102° 21' 10.24738" W
48° 17' 52.44166" N 102° 21' 10.19353" W
48° 17' 52.37691" N 102° 21' 10.04624" W
48° 17' 52.14172" N 102° 21' 09.52395" W
48° 17' 51.97548" N 102° 21' 09.18561" W
48° 17' 51.91930" N 102° 21' 09.13987" W
48° 17' 51.47664" N 102° 21' 09.10649" W
48° 17' 51.06092" N 102° 21' 09.11701" W
48° 17' 50.64496" N 102° 21' 09.14470" W
48° 17' 50.23140" N 102° 21' 09.16709" W
48° 17' 49.81038" N 102° 21' 09.17725" W
48° 17' 49.39668" N 102° 21' 09.18933" W
48° 17' 49.00601" N 102° 21' 09.19897" W
48° 17' 48.59222" N 102° 21' 09.20843" W
48° 17' 48.16815" N 102° 21' 09.21377" W
48° 17' 47.77561" N 102° 21' 09.22023" W
48° 17' 47.33092" N 102° 21' 09.22549" W
48° 17' 46.88786" N 102° 21' 09.22916" W
48° 17' 46.44157" N 102° 21' 09.23561" W
48° 17' 45.99907" N 102° 21' 09.24027" W
48° 17' 45.55269" N 102° 21' 09.23906" W
48° 17' 45.10764" N 102° 21' 09.24376" W
48° 17' 44.66505" N 102° 21' 09.24083" W

LAT/LONG
48° 17' 44.22030" N 102° 21' 09.23570" W
48° 17' 43.77551" N 102° 21' 09.22968" W
48° 17' 43.38902" N 102° 21' 09.22470" W
48° 17' 42.94419" N 102° 21' 09.22115" W
48° 17' 42.50023" N 102° 21' 09.21830" W
48° 17' 42.05596" N 102° 21' 09.21769" W
48° 17' 41.61048" N 102° 21' 09.21657" W
48° 17' 41.16626" N 102° 21' 09.21952" W
48° 17' 40.72397" N 102° 21' 09.22709" W
48° 17' 40.27942" N 102° 21' 09.23299" W
48° 17' 39.83472" N 102° 21' 09.23310" W
48° 17' 39.39031" N 102° 21' 09.23249" W
48° 17' 38.94643" N 102° 21' 09.23374" W
48° 17' 38.50172" N 102° 21' 09.23908" W
48° 17' 38.05791" N 102° 21' 09.23956" W
48° 17' 37.64162" N 102° 21' 09.24152" W
48° 17' 37.23069" N 102° 21' 09.24299" W
48° 17' 36.81394" N 102° 21' 09.24271" W
48° 17' 36.40071" N 102° 21' 09.24306" W
48° 17' 35.98507" N 102° 21' 09.24185" W
48° 17' 35.56931" N 102° 21' 09.24366" W
48° 17' 35.15393" N 102° 21' 09.24223" W
48° 17' 34.73333" N 102° 21' 09.24120" W
48° 17' 34.31703" N 102° 21' 09.23975" W

LAT/LONG
48° 17' 33.90178" N 102° 21' 09.23719" W
48° 17' 33.51065" N 102° 21' 09.23281" W
48° 17' 33.11878" N 102° 21' 09.23005" W
48° 17' 32.70555" N 102° 21' 09.23040" W
48° 17' 32.28551" N 102° 21' 09.22877" W
48° 17' 31.86931" N 102° 21' 09.23115" W
48° 17' 31.54911" N 102° 21' 09.23172" W
48° 17' 31.12790" N 102° 21' 09.23179" W
48° 17' 30.70848" N 102° 21' 09.23360" W
48° 17' 30.28699" N 102° 21' 09.24059" W
48° 17' 29.87196" N 102° 21' 09.24171" W
48° 17' 29.44963" N 102° 21' 09.23785" W
48° 17' 29.03572" N 102° 21' 09.23651" W
48° 17' 28.64600" N 102° 21' 09.23376" W
48° 17' 28.23159" N 102° 21' 09.23603" W
48° 17' 27.81014" N 102° 21' 09.24073" W
48° 17' 27.39473" N 102° 21' 09.24171" W
48° 17' 26.97438" N 102° 21' 09.23834" W
48° 17' 26.56098" N 102° 21' 09.23154" W
48° 17' 26.13907" N 102° 21' 09.22352" W
48° 17' 25.71992" N 102° 21' 09.21663" W
48° 17' 25.30472" N 102° 21' 09.21536" W
48° 17' 24.91414" N 102° 21' 09.22007" W
48° 17' 24.49810" N 102° 21' 09.22330" W

LAT/LONG
48° 17' 24.08141" N 102° 21' 09.23173" W
48° 17' 23.66666" N 102° 21' 09.23661" W
48° 17' 23.25237" N 102° 21' 09.23125" W
48° 17' 22.83779" N 102° 21' 09.22301" W
48° 17' 22.42067" N 102° 21' 09.22429" W
48° 17' 22.00011" N 102° 21' 09.22874" W
48° 17' 21.58510" N 102° 21' 09.22989" W
48° 17' 21.27150" N 102° 21' 09.22915" W
48° 17' 20.85516" N 102° 21' 09.22607" W
48° 17' 20.44021" N 102° 21' 09.22074" W
48° 17' 20.04624" N 102° 21' 09.21839" W
48° 17' 19.62998" N 102° 21' 09.21376" W
48° 17' 19.21623" N 102° 21' 09.21555" W
48° 17' 18.80139" N 102° 21' 09.21893" W
48° 17' 18.38561" N 102° 21' 09.22639" W
48° 17' 17.97141" N 102° 21' 09.23211" W
48° 17' 17.55682" N 102° 21' 09.23507" W
48° 17' 17.14119" N 102° 21' 09.23590" W
48° 17' 16.72621" N 102° 21' 09.23589" W
48° 17' 16.30556" N 102° 21' 09.23770" W
48° 17' 15.88574" N 102° 21' 09.23360" W
48° 17' 15.46709" N 102° 21' 09.22414" W
48° 17' 15.05227" N 102° 21' 09.21807" W
48° 17' 14.65930" N 102° 21' 09.22111" W

LAT/LONG
48° 16' 54.98817" N 102° 21' 09.28182" W
48° 16' 54.57283" N 102° 21' 09.27697" W
48° 16' 54.15803" N 102° 21' 09.26978" W
48° 16' 53.74252" N 102° 21' 09.26280" W
48° 16' 53.32792" N 102° 21' 09.26470" W
48° 16' 52.91140" N 102° 21' 09.26860" W
48° 16' 52.49828" N 102° 21' 09.27521" W
48° 16' 52.08278" N 102° 21' 09.28327" W
48° 16' 51.66287" N 102° 21' 09.28829" W
48° 16' 51.24601" N 102° 21' 09.28832" W
48° 16' 50.83172" N 102° 21' 09.29086" W
48° 16' 50.43905" N 102° 21' 09.29090" W
48° 16' 50.02523" N 102° 21' 09.29050" W
48° 16' 49.60515" N 102° 21' 09.28641" W
48° 16' 49.21155" N 102° 21' 09.28330" W
48° 16' 48.84600" N 102° 21' 09.28614" W
48° 16' 48.42443" N 102° 21' 09.28632" W
48° 16' 48.01092" N 102° 21' 09.28846" W
48° 16' 47.59127" N 102° 21' 09.28795" W
48° 16' 47.17599" N 102° 21' 09.28490" W
48° 16' 46.76047" N 102° 21' 09.28393" W
48° 16' 46.34063" N 102° 21' 09.27797" W
48° 16' 45.92168" N 102° 21' 09.27684" W
48° 16' 45.59864" N 102° 21' 09.27758" W

LAT/LONG
48° 16' 45.18262" N 102° 21' 09.28365" W
48° 16' 44.76692" N 102° 21' 09.28825" W
48° 16' 44.35209" N 102° 21' 09.29269" W
48° 16' 43.93730" N 102° 21' 09.29578" W
48° 16' 43.52241" N 102° 21' 09.30056" W
48° 16' 43.10831" N 102° 21' 09.30553" W
48° 16' 42.68774" N 102° 21' 09.30362" W
48° 16' 42.27347" N 102° 21' 09.31583" W
48° 16' 41.85839" N 102° 21' 09.32522" W
48° 16' 41.47204" N 102° 21' 09.34125" W
48° 16' 41.06141" N 102° 21' 09.35107" W
48° 16' 40.64645" N 102° 21' 09.36084" W
48° 16' 40.23046" N 102° 21' 09.37226" W
48° 16' 39.81647" N 102° 21' 09.38342" W
48° 16' 39.40162" N 102° 21' 09.39106" W
48° 16' 38.98535" N 102° 21' 09.39346" W
48° 16' 38.57021" N 102° 21' 09.39475" W
48° 16' 38.15370" N 102° 21' 09.39390" W
48° 16' 37.73979" N 102° 21' 09.39159" W
48° 16' 37.32331" N 102° 21' 09.38739" W
48° 16' 36.90983" N 102° 21' 09.38737" W
48° 16' 36.55829" N 102° 21' 09.38977" W
48° 16' 36.14363" N 102° 21' 09.39190" W
48° 16' 35.79862" N 102° 21' 09.39072" W

LAT/LONG
48° 16' 35.47930" N 102° 21' 09.38900" W
48° 16' 35.06472" N 102° 21' 09.38646" W
48° 16' 34.72843" N 102° 21' 09.38584" W
48° 16' 34.31443" N 102° 21' 09.38454" W
48° 16' 33.95630" N 102° 21' 09.38615" W
48° 16' 33.54175" N 102° 21' 09.38144" W
48° 16' 33.12641" N 102° 21' 09.38138" W
48° 16' 32.71305" N 102° 21' 09.38258" W
48° 16' 32.29725" N 102° 21' 09.37633" W
48° 16' 31.88262" N 102° 21' 09.37952" W
48° 16' 31.46567" N 102° 21' 09.38085" W
48° 16' 31.05045" N 102° 21' 09.36771" W
48° 16' 30.63305" N 102° 21' 09.35336" W
48° 16' 30.21789" N 102° 21' 09.34879" W
48° 16' 29.80148" N 102° 21' 09.34410" W
48° 16' 29.38840" N 102° 21' 09.33796" W
48° 16' 28.97286" N 102° 21' 09.33110" W
48° 16' 28.55849" N 102° 21' 09.32216" W
48° 16' 28.14094" N 102° 21' 09.31627" W
48° 16' 27.72656" N 102° 21' 09.31141" W
48° 16' 27.31210" N 102° 21' 09.30625" W
48° 16' 26.89527" N 102° 21' 09.30077" W
48° 16' 26.48121" N 102° 21' 09.29322" W
48° 16' 26.06632" N 102° 21' 09.29180" W

LAT/LONG
48° 16' 25.65190" N 102° 21' 09.28858" W
48° 16' 25.23730" N 102° 21' 09.28636" W
48° 16' 24.81928" N 102° 21' 09.28159" W
48° 16' 24.40448" N 102° 21' 09.27480" W
48° 16' 23.98889" N 102° 21' 09.26596" W
48° 16' 23.57380" N 102° 21' 09.26671" W
48° 16' 22.74419" N 102° 21' 09.27605" W
48° 16' 22.32661" N 102° 21' 09.27516" W
48° 16' 21.99711" N 102° 21' 09.27166" W
48° 16' 21.58092" N 102° 21' 09.26394" W
48° 16' 21.16583" N 102° 21' 09.25046" W
48° 16' 20.75018" N 102° 21' 09.23533" W
48° 16' 20.33482" N 102° 21' 09.22556" W
48° 16' 19.91833" N 102° 21' 09.22673" W
48° 16' 19.50300" N 102° 21' 09.22682" W
48° 16' 19.08716" N 102° 21' 09.22576" W
48° 16' 18.67224" N 102° 21' 09.22059" W
48° 16' 18.25621" N 102° 21' 09.21688" W
48° 16' 17.84229" N 102° 21' 09.21891" W
48° 16' 17.42641" N 102° 21' 09.22252" W
48° 16' 17.01211" N 102° 21' 09.23746" W
48° 16' 16.59760" N 102° 21' 09.23689" W
48° 16' 16.18259" N 102° 21' 09.25007" W

LAT/LONG
48° 16' 15.76820" N 102° 21' 09.24245" W
48° 16' 15.52213" N 102° 21' 09.22827" W
48° 16' 14.20337" N 102° 21' 09.20708" W
48° 16' 13.78535" N 102° 21' 09.20212" W
48° 16' 13.37188" N 102° 21' 09.19121" W
48° 16' 12.95678" N 102° 21' 09.17973" W
48° 16' 12.54054" N 102° 21' 09.17478" W
48° 16' 12.15530" N 102° 21' 09.17560" W
48° 16' 11.74912" N 102° 21' 09.18623" W
48° 16' 11.33539" N 102° 21' 09.19699" W
48° 16' 10.91984" N 102° 21' 09.20367" W
48° 16' 10.50465" N 102° 21' 09.20683" W
48° 16' 10.19384" N 102° 21' 09.20827" W
48° 16' 10.13250" N 102° 21' 09.20875" W
48° 16' 08.81585" N 102° 21' 09.24255" W
48° 16' 08.40276" N 102° 21' 09.22959" W
48° 16' 07.98735" N 102° 21' 09.23302" W
48° 16' 07.57460" N 102° 21' 09.25212" W
48° 16' 07.15772" N 102° 21' 09.24100" W
48° 16' 06.75393" N 102° 21' 09.22601" W

LAT/LONG
48° 16' 06.66848" N 102° 21' 09.22739" W
48° 16' 06.30057" N 102° 21' 09.21599" W
48° 16' 05.88679" N 102° 21' 09.20552" W
48° 16' 05.47072" N 102° 21' 09.20642" W
48° 16' 05.05515" N 102° 21' 09.21401" W
48° 16' 04.63975" N 102° 21' 09.21677" W
48° 16' 04.22438" N 102° 21' 09.21751" W
48° 16' 03.80872" N 102° 21' 09.21792" W
48° 16' 03.39294" N 102° 21' 09.21611" W
48° 16' 02.97847" N 102° 21' 09.21250" W
48° 16' 02.56370" N 102° 21' 09.21096" W
48° 16' 02.14913" N 102° 21' 09.20465" W
48° 16' 01.73434" N 102° 21' 09.20274" W
48° 16' 01.31825" N 102° 21' 09.20408" W
48° 16' 00.90308" N 102° 21' 09.20054" W
48° 16' 00.48842" N 102° 21' 09.19892" W
48° 16' 00.07275" N 102° 21' 09.20201" W
48° 15' 59.65719" N 102° 21' 09.20607" W
48° 15' 59.24192" N 102° 21' 09.20815" W
48° 15' 58.82593" N 102° 21' 09.21380" W
48° 15' 58.41056" N 102° 21' 09.21418" W
48° 15' 57.99490" N 102° 21' 09.21635" W
48° 15' 57.57930" N 102° 21' 09.21571" W
48° 15' 57.16383" N 102° 21' 09.21626" W

LAT/LONG
48° 15' 56.74908" N 102° 21' 09.21602" W
48° 15' 56.33313" N 102° 21' 09.21913" W
48° 15' 55.91851" N 102° 21' 09.21680" W
48° 15' 55.50184" N 102° 21' 09.21298" W
48° 15' 55.08644" N 102° 21' 09.21614" W
48° 15' 54.67062" N 102° 21' 09.21579" W
48° 15' 54.25444" N 102° 21' 09.21945" W
48° 15' 53.83953" N 102° 21' 09.22478" W
48° 15' 53.42611" N 102° 21' 09.22892" W
48° 15' 53.01043" N 102° 21' 09.23498" W
48° 15' 52.59381" N 102° 21' 09.23668" W
48° 15' 52.17745" N 102° 21' 09.24150" W
48° 15' 51.76306" N 102° 21' 09.24237" W
48° 15' 51.34603" N 102° 21' 09.24127" W
48° 15' 50.93011" N 102° 21' 09.24109" W
48° 15' 50.51601" N 102° 21' 09.25041" W
48° 15' 50.09971" N 102° 21' 09.26241" W
48° 15' 49.68360" N 102° 21' 09.26666" W
48° 15' 49.26829" N 102° 21' 09.26370" W
48° 15' 48.85282" N 102° 21' 09.25310" W
48° 15' 48.43820" N 102° 21' 09.25002" W
48° 15' 48.09608" N 102° 21' 09.25059" W
48° 15' 47.67896" N 102° 21' 09.25271" W
48° 15' 47.26614" N 102° 21' 09.25244" W

LAT/LONG
48° 15' 46.85004" N 102° 21' 09.25551" W
48° 15' 46.43287" N 102° 21' 09.25739" W
48° 15' 46.01760" N 102° 21' 09.25653" W
48° 15' 45.60280" N 102° 21' 09.25171" W
48° 15' 45.30612" N 102° 21' 09.24740" W
48° 15' 44.89174" N 102° 21' 09.23717" W
48° 15' 44.47515" N 102° 21' 09.22909" W
48° 15' 44.06121" N 102° 21' 09.22476" W
48° 15' 43.64637" N 102° 21' 09.22216" W
48° 15' 43.23151" N 102° 21' 09.22130" W
48° 15' 42.81615" N 102° 21' 09.22557" W
48° 15' 42.40196" N 102° 21' 09.23210" W
48° 15' 41.98547" N 102° 21' 09.23895" W
48° 15' 41.56939" N 102° 21' 09.24714" W
48° 15' 41.15561" N 102° 21' 09.25361" W
48° 15' 40.74023" N 102° 21' 09.25982" W
48° 15' 40.32532" N 102° 21' 09.26322" W
48° 15' 39.90884" N 102° 21' 09.26561" W
48° 15' 39.49401" N 102° 21' 09.26686" W
48° 15' 39.08049" N 102° 21' 09.27255" W
48° 15' 38.66550" N 102° 21' 09.27511" W
48° 15' 38.24775" N 102° 21' 09.27529" W
48° 15' 37.85762" N 102° 21' 09.27116" W
48° 15' 37.44372" N 102° 21' 09.26971" W

LAT/LONG
48° 15' 37.04792" N 102° 21' 09.26623" W
48° 15' 36.63962" N 102° 21' 09.26116" W
48° 15' 36.24680" N 102° 21' 09.25609" W
48° 15' 35.84981" N 102° 21' 09.25074" W
48° 15' 35.45587" N 102° 21' 09.24596" W
48° 15' 35.04151" N 102° 21' 09.24795" W
48° 15' 34.74079" N 102° 21' 09.25265" W
48° 15' 34.32746" N 102° 21' 09.25900" W
48° 15' 33.93121" N 102° 21' 09.26282" W
48° 15' 33.51633" N 102° 21' 09.26389" W
48° 15' 33.09522" N 102° 21' 09.26371" W
48° 15' 32.70324" N 102° 21' 09.26795" W
48° 15' 32.28803" N 102° 21' 09.27179" W
48° 15' 31.87303" N 102° 21' 09.27656" W
48° 15' 31.45648" N 102° 21' 09.27815" W
48° 15' 31.04082" N 102° 21' 09.28059" W
48° 15' 30.62633" N 102° 21' 09.28274" W
48° 15' 30.21015" N 102° 21' 09.28902" W
48° 15' 29.79521" N 102° 21' 09.29709" W
48° 15' 29.37803" N 102° 21' 09.30630" W
48° 15' 28.96391" N 102° 21' 09.31588" W
48° 15' 28.54525" N 102° 21' 09.32380" W
48° 15' 28.13053" N 102° 21' 09.33209" W
48° 15' 27.82652" N 102° 21' 09.33553" W

LAT/LONG
48° 15' 27.41186" N 102° 21' 09.34834" W
48° 15' 26.99790" N 102° 21' 09.35725" W
48° 15' 26.58324" N 102° 21' 09.36473" W
48° 15' 26.16451" N 102° 21' 09.36816" W
48° 15' 25.74751" N 102° 21' 09.38004" W
48° 15' 25.33644" N 102° 21' 09.37793" W
48° 15' 24.92163" N 102° 21' 09.38723" W
48° 15' 24.50374" N 102° 21' 09.39461" W
48° 15' 24.09113" N 102° 21' 09.40525" W
48° 15' 23.67471" N 102° 21' 09.41449" W
48° 15' 23.25872" N 102° 21' 09.42006" W
48° 15' 22.84287" N 102° 21' 09.42032" W
48° 15' 22.42809" N 102° 21' 09.41620" W
48° 15' 22.01166" N 102° 21' 09.41812" W
48° 15' 21.59491" N 102° 21' 09.42765" W
48° 15' 21.18047" N 102° 21' 09.44352" W
48° 15' 20.78996" N 102° 21' 09.46233" W
48° 15' 20.37639" N 102° 21' 09.51248" W
48° 15' 19.97059" N 102° 21' 09.57503" W
48° 15' 19.55974" N 102° 21' 09.65803" W
48° 15' 19.15798" N 102° 21' 09.74664" W
48° 15' 18.74778" N 102° 21' 09.82422" W
48° 15' 18.37803" N 102° 21' 09.88009" W
48° 15' 17.96313" N 102° 21' 09.91330" W

LAT/LONG
48° 15' 17.83420" N 102° 21' 09.91959" W
48° 15' 16.51745" N 102° 21' 09.99664" W
48° 15' 16.31489" N 102° 21' 10.00095" W
48° 15' 15.89878" N 102° 21' 10.00984" W
48° 15' 15.48508" N 102° 21' 10.00400" W
48° 15' 15.07079" N 102° 21' 09.99080" W
48° 15' 14.65549" N 102° 21' 09.97785" W
48° 15' 14.23935" N 102° 21' 09.97094" W
48° 15' 13.79567" N 102° 21' 09.96442" W
48° 15' 13.35078" N 102° 21' 09.96395" W
48° 15' 12.90627" N 102° 21' 09.96722" W
48° 15' 12.46406" N 102° 21' 09.97234" W
48° 15' 12.01785" N 102° 21' 09.97526" W
48° 15' 11.57362" N 102° 21' 09.97052" W
48° 15' 11.12896" N 102° 21' 09.95923" W
48° 15' 10.68455" N 102° 21' 09.95360" W
48° 15' 10.24029" N 102° 21' 09.95496" W
48° 15' 09.79677" N 102° 21' 09.95980" W
48° 15' 09.35158" N 102° 21' 09.96379" W
48° 15' 08.90773" N 102° 21' 09.96209" W
48° 15' 08.46300" N 102° 21' 09.96039" W
48° 15' 08.01853" N 102° 21' 09.96417" W

LAT/LONG
48° 15' 07.57480" N 102° 21' 09.96937" W
48° 15' 07.12996" N 102° 21' 09.97370" W
48° 15' 06.68579" N 102° 21' 09.98116" W
48° 15' 06.24381" N 102° 21' 09.98112" W
48° 15' 05.80225" N 102° 21' 09.97803" W
48° 15' 05.35775" N 102° 21' 09.97224" W
48° 15' 04.93823" N 102° 21' 09.96963" W
48° 15' 04.52314" N 102° 21' 09.96495" W
48° 15' 04.13166" N 102° 21' 09.96120" W
48° 15' 03.73969" N 102° 21' 09.95767" W
48° 15' 03.32698" N 102° 21' 09.95516" W
48° 15' 02.91293" N 102° 21' 09.95776" W
48° 15' 02.50165" N 102° 21' 09.96207" W
48° 15' 02.08523" N 102° 21' 09.96058" W
48° 15' 01.66928" N 102° 21' 09.95414" W
48° 15' 01.25429" N 102° 21' 09.95055" W
48° 15' 00.83871" N 102° 21' 09.94415" W
48° 15' 00.42091" N 102° 21' 09.94038" W
48° 15' 00.10494" N 102° 21' 09.93911" W
48° 14' 59.68835" N 102° 21' 09.93432" W
48° 14' 59.27372" N 102° 21' 09.93372" W
48° 14' 58.85829" N 102° 21' 09.93191" W
48° 14' 58.44310" N 102° 21' 09.92972" W
48° 14' 58.02701" N 102° 21' 09.93139" W

LAT/LONG
48° 14' 57.61192" N 102° 21' 09.94205" W
48° 14' 57.19527" N 102° 21' 09.95032" W
48° 14' 56.78063" N 102° 21' 09.95662" W
48° 14' 56.36508" N 102° 21' 09.96068" W
48° 14' 55.94957" N 102° 21' 09.95976" W
48° 14' 55.53478" N 102° 21' 09.95722" W
48° 14' 55.11894" N 102° 21' 09.95843" W
48° 14' 54.70432" N 102° 21' 09.95991" W
48° 14' 54.29262" N 102° 21' 09.95921" W
48° 14' 53.87555" N 102° 21' 09.95880" W
48° 14' 53.46021" N 102° 21' 09.95697" W
48° 14' 53.04413" N 102° 21' 09.94963" W
48° 14' 52.62855" N 102° 21' 09.95131" W
48° 14' 52.21282" N 102° 21' 09.94323" W
48° 14' 51.79754" N 102° 21' 09.94034" W
48° 14' 51.38210" N 102° 21' 09.94043" W
48° 14' 50.96891" N 102° 21' 09.94517" W
48° 14' 50.55346" N 102° 21' 09.95269" W
48° 14' 50.13878" N 102° 21' 09.95702" W
48° 14' 49.72265" N 102° 21' 09.95408" W
48° 14' 49.30735" N 102° 21' 09.94769" W
48° 14' 48.89305" N 102° 21' 09.94111" W
48° 14' 48.47625" N 102° 21' 09.94076" W
48° 14' 48.06138" N 102° 21' 09.94862" W

LAT/LONG
48° 14' 47.64657" N 102° 21' 09.95122" W
48° 14' 47.28456" N 102° 21' 09.95002" W
48° 14' 46.87160" N 102° 21' 09.94838" W
48° 14' 46.45625" N 102° 21' 09.95189" W
48° 14' 46.04217" N 102° 21' 09.95675" W
48° 14' 45.64684" N 102° 21' 09.95562" W
48° 14' 45.25208" N 102° 21' 09.94908" W
48° 14' 44.84303" N 102° 21' 09.94395" W
48° 14' 44.42508" N 102° 21' 09.94056" W
48° 14' 44.02445" N 102° 21' 09.94195" W
48° 14' 43.60874" N 102° 21' 09.94349" W
48° 14' 43.19373" N 102° 21' 09.94712" W
48° 14' 42.77914" N 102° 21' 09.95127" W
48° 14' 42.36414" N 102° 21' 09.95405" W
48° 14' 41.94828" N 102° 21' 09.95249" W
48° 14' 41.53048" N 102° 21' 09.95030" W
48° 14' 41.11806" N 102° 21' 09.94833" W
48° 14' 40.70366" N 102° 21' 09.94162" W
48° 14' 40.29020" N 102° 21' 09.94082" W
48° 14' 39.87352" N 102° 21' 09.93264" W
48° 14' 39.45499" N 102° 21' 09.91367" W
48° 14' 39.03987" N 102° 21' 09.90548" W
48° 14' 38.62717" N 102° 21' 09.91521" W
48° 14' 38.32688" N 102° 21' 09.92012" W

LAT/LONG
48° 14' 37.91070" N 102° 21' 09.92942" W
48° 14' 37.50043" N 102° 21' 09.93647" W
48° 14' 37.08605" N 102° 21' 09.94032" W
48° 14' 36.69741" N 102° 21' 09.94552" W
48° 14' 36.28310" N 102° 21' 09.94823" W
48° 14' 35.86913" N 102° 21' 09.94658" W
48° 14' 35.44786" N 102° 21' 09.94329" W
48° 14' 35.03273" N 102° 21' 09.93594" W
48° 14' 34.62004" N 102° 21' 09.93593" W
48° 14' 34.20387" N 102° 21' 09.93767" W
48° 14' 33.78204" N 102° 21' 09.94422" W
48° 14' 33.36620" N 102° 21' 09.95311" W
48° 14' 32.99023" N 102° 21' 09.95594" W
48° 14' 32.57657" N 102° 21' 09.95284" W
48° 14' 32.18588" N 102° 21' 09.94927" W
48° 14' 31.76727" N 102° 21' 09.94137" W
48° 14' 31.35073" N 102° 21' 09.93972" W
48° 14' 30.93733" N 102° 21' 09.94548" W
48° 14' 30.51814" N 102° 21' 09.95139" W
48° 14' 30.11660" N 102° 21' 09.96870" W
48° 14' 29.70440" N 102° 21' 09.99555" W
48° 14' 29.63917" N 102° 21' 09.95930" W
48° 14' 29.43193" N 102° 21' 09.66429" W
48° 14' 29.14252" N 102° 21' 09.23167" W

LAT/LONG
48° 14' 28.86399" N 102° 21' 08.79215" W
48° 14' 28.58520" N 102° 21' 08.33294" W
48° 14' 28.28630" N 102° 21' 07.91026" W
48° 14' 27.89820" N 102° 21' 07.71038" W
48° 14' 27.48540" N 102° 21' 07.78445" W
48° 14' 27.13813" N 102° 21' 08.03735" W
48° 14' 26.87053" N 102° 21' 08.48280" W
48° 14' 26.61734" N 102° 21' 08.97895" W
48° 14' 26.36806" N 102° 21' 09.47414" W
48° 14' 26.18160" N 102° 21' 09.83720" W
48° 14' 26.12248" N 102° 21' 09.88089" W
48° 14' 25.70325" N 102° 21' 09.92816" W
48° 14' 25.28325" N 102° 21' 09.94116" W
48° 14' 24.86540" N 102° 21' 09.94834" W
48° 14' 24.53657" N 102° 21' 09.94446" W
48° 14' 24.21243" N 102° 21' 09.94072" W
48° 14' 23.79881" N 102° 21' 09.93145" W
48° 14' 23.37791" N 102° 21' 09.92742" W
48° 14' 22.96321" N 102° 21' 09.92703" W
48° 14' 22.54538" N 102° 21' 09.92858" W
48° 14' 22.13281" N 102° 21' 09.92569" W
48° 14' 21.71682" N 102° 21' 09.92426" W
48° 14' 21.29979" N 102° 21' 09.92648" W
48° 14' 20.88974" N 102° 21' 09.94185" W

LAT/LONG
48° 14' 20.46863" N 102° 21' 09.92723" W
48° 14' 20.05387" N 102° 21' 09.92454" W
48° 14' 19.63766" N 102° 21' 09.91941" W
48° 14' 19.22261" N 102° 21' 09.91552" W
48° 14' 18.80517" N 102° 21' 09.91473" W
48° 14' 18.39064" N 102° 21' 09.91537" W
48° 14' 17.97453" N 102° 21' 09.92086" W
48° 14' 17.55834" N 102° 21' 09.92255" W
48° 14' 17.14256" N 102° 21' 09.92195" W
48° 14' 16.72769" N 102° 21' 09.92207" W
48° 14' 16.31228" N 102° 21' 09.92427" W
48° 14' 15.89570" N 102° 21' 09.92555" W
48° 14' 15.48184" N 102° 21' 09.92405" W
48° 14' 15.06353" N 102° 21' 09.91922" W
48° 14' 14.65009" N 102° 21' 09.92156" W
48° 14' 14.23459" N 102° 21' 09.92388" W
48° 14' 13.81809" N 102° 21' 09.92475" W
48° 14' 13.40115" N 102° 21' 09.91815" W
48° 14' 13.05030" N 102° 21' 09.91323" W
48° 14' 12.63376" N 102° 21' 09.90994" W
48° 14' 12.21784" N 102° 21' 09.91195" W
48° 14' 11.80297" N 102° 21' 09.91470" W
48° 14' 11.38592" N 102° 21' 09.91599" W
48° 14' 10.96981" N 102° 21' 09.91910" W

LAT/LONG
48° 14' 10.55432" N 102° 21' 09.91911" W
48° 14' 10.13765" N 102° 21' 09.92121" W
48° 14' 09.72305" N 102° 21' 09.92161" W
48° 14' 09.30814" N 102° 21' 09.92332" W
48° 14' 08.89302" N 102° 21' 09.92463" W
48° 14' 08.47748" N 102° 21' 09.92483" W
48° 14' 08.11162" N 102° 21' 09.92205" W
48° 14' 07.69745" N 102° 21' 09.91681" W
48° 14' 07.28243" N 102° 21' 09.91453" W
48° 14' 06.86885" N 102° 21' 09.91873" W
48° 14' 06.45067" N 102° 21' 09.91382" W
48° 14' 06.03036" N 102° 21' 09.91236" W
48° 14' 05.60946" N 102° 21' 09.90576" W
48° 14' 05.19516" N 102° 21' 09.89722" W
48° 14' 04.77910" N 102° 21' 09.89275" W
48° 14' 04.38505" N 102° 21' 09.88946" W
48° 14' 03.97046" N 102° 21' 09.89146" W
48° 14' 03.55345" N 102° 21' 09.89454" W
48° 14' 03.15129" N 102° 21' 09.89694" W
48° 14' 02.73613" N 102° 21' 09.89751" W
48° 14' 02.32813" N 102° 21' 09.90639" W
48° 14' 01.93284" N 102° 21' 09.91300" W
48° 14' 01.51216" N 102° 21' 09.91578" W
48° 14' 01.11756" N 102° 21' 09.91875" W

LAT/LONG
48° 14' 00.70178" N 102° 21' 09.91545" W
48° 14' 00.28330" N 102° 21' 09.91308" W
48° 13' 59.86898" N 102° 21' 09.90713" W
48° 13' 59.45336" N 102° 21' 09.90004" W
48° 13' 59.04490" N 102° 21' 09.89591" W
48° 13' 58.63002" N 102° 21' 09.89424" W
48° 13' 58.21459" N 102° 21' 09.89617" W
48° 13' 57.79997" N 102° 21' 09.89754" W
48° 13' 57.38297" N 102° 21' 09.90255" W
48° 13' 56.96595" N 102° 21' 09.90341" W
48° 13' 56.55100" N 102° 21' 09.90581" W
48° 13' 56.13549" N 102° 21' 09.90904" W
48° 13' 55.79349" N 102° 21' 09.91340" W
48° 13' 55.37628" N 102° 21' 09.91775" W
48° 13' 54.96238" N 102° 21' 09.91936" W
48° 13' 54.54926" N 102° 21' 09.92060" W
48° 13' 54.13334" N 102° 21' 09.91737" W
48° 13' 53.71738" N 102° 21' 09.91418" W
48° 13' 53.30374" N 102° 21' 09.91671" W
48° 13' 52.89131" N 102° 21' 09.91921" W
48° 13' 52.47817" N 102° 21' 09.91734" W
48° 13' 52.06163" N 102° 21' 09.91147" W
48° 13' 51.64721" N 102° 21' 09.90203" W
48° 13' 51.22978" N 102° 21' 09.90120" W

LAT/LONG
48° 13' 50.81496" N 102° 21' 09.89170" W
48° 13' 50.39988" N 102° 21' 09.88446" W
48° 13' 49.98273" N 102° 21' 09.88947" W
48° 13' 49.56717" N 102° 21' 09.89431" W
48° 13' 49.15214" N 102° 21' 09.90104" W
48° 13' 48.73661" N 102° 21' 09.90605" W
48° 13' 48.31824" N 102° 21' 09.91121" W
48° 13' 47.90526" N 102° 21' 09.90887" W
48° 13' 47.48919" N 102° 21' 09.91028" W
48° 13' 47.07404" N 102° 21' 09.91376" W
48° 13' 46.66029" N 102° 21' 09.91019" W
48° 13' 46.24471" N 102° 21' 09.90335" W
48° 13' 45.83223" N 102° 21' 09.89839" W
48° 13' 45.41780" N 102° 21' 09.89847" W
48° 13' 45.00384" N 102° 21' 09.89990" W
48° 13' 44.58753" N 102° 21' 09.90381" W
48° 13' 44.17120" N 102° 21' 09.90629" W
48° 13' 43.75552" N 102° 21' 09.90338" W
48° 13' 43.34173" N 102° 21' 09.89533" W
48° 13' 42.92465" N 102° 21' 09.86880" W
48° 13' 42.50933" N 102° 21' 09.83047" W
48° 13' 42.09579" N 102° 21' 09.77764" W
48° 13' 41.68272" N 102° 21' 09.69978" W
48° 13' 41.27159" N 102° 21' 09.62175" W

LAT/LONG
48° 13' 31.74285" N 102° 21' 09.82758" W
48° 13' 31.33113" N 102° 21' 09.82973" W
48° 13' 30.91353" N 102° 21' 09.84281" W
48° 13' 30.49888" N 102° 21' 09.85822" W
48° 13' 30.08345" N 102° 21' 09.88095" W
48° 13' 29.66825" N 102° 21' 09.89467" W
48° 13' 29.25220" N 102° 21' 09.89504" W
48° 13' 28.83675" N 102° 21' 09.89150" W
48° 13' 28.42209" N 102° 21' 09.88868" W
48° 13' 28.00602" N 102° 21' 09.88660" W
48° 13' 27.59000" N 102° 21' 09.87981" W
48° 13' 27.17491" N 102° 21' 09.87614" W
48° 13' 26.75759" N 102° 21' 09.87132" W
48° 13' 26.34350" N 102° 21' 09.87226" W
48° 13' 25.92727" N 102° 21' 09.87881" W
48° 13' 25.51155" N 102° 21' 09.87925" W
48° 13' 25.09511" N 102° 21' 09.87516" W
48° 13' 24.68031" N 102° 21' 09.87465" W
48° 13' 24.26333" N 102° 21' 09.87065" W
48° 13' 23.84874" N 102° 21' 09.86662" W
48° 13' 23.42985" N 102° 21' 09.86730" W
48° 13' 23.01622" N 102° 21' 09.86940" W
48° 13' 22.62139" N 102° 21' 09.87041" W
48° 13' 22.22901" N 102° 21' 09.86751" W

LAT/LONG
48° 13' 21.81138" N 102° 21' 09.86551" W
48° 13' 21.39404" N 102° 21' 09.86603" W
48° 13' 20.97261" N 102° 21' 09.86256" W
48° 13' 20.55071" N 102° 21' 09.85830" W
48° 13' 20.13622" N 102° 21' 09.85415" W
48° 13' 19.72044" N 102° 21' 09.85144" W
48° 13' 19.29936" N 102° 21' 09.85081" W
48° 13' 18.88039" N 102° 21' 09.85053" W
48° 13' 18.48220" N 102° 21' 09.85466" W
48° 13' 18.09142" N 102° 21' 09.85904" W
48° 13' 17.67583" N 102° 21' 09.85609" W
48° 13' 17.26068" N 102° 21' 09.85537" W
48° 13' 16.84648" N 102° 21' 09.85692" W
48° 13' 16.43192" N 102° 21' 09.85778" W
48° 13' 16.01607" N 102° 21' 09.85797" W
48° 13' 15.62101" N 102° 21' 09.86217" W
48° 13' 15.19912" N 102° 21' 09.87583" W
48° 13' 14.78300" N 102° 21' 09.89229" W
48° 13' 14.36773" N 102° 21' 09.89580" W
48° 13' 13.95215" N 102° 21' 09.89536" W
48° 13' 13.53697" N 102° 21' 09.89123" W
48° 13' 13.11243" N 102° 21' 09.89147" W
48° 13' 12.71854" N 102° 21' 09.89232" W
48° 13' 12.31820" N 102° 21' 09.89319" W

LAT/LONG
48° 13' 11.91937" N 102° 21' 09.89050" W
48° 13' 11.52335" N 102° 21' 09.88389" W
48° 13' 11.10325" N 102° 21' 09.87722" W
48° 13' 10.68219" N 102° 21' 09.86833" W
48° 13' 10.26793" N 102° 21' 09.86430" W
48° 13' 09.90012" N 102° 21' 09.86594" W
48° 13' 09.48513" N 102° 21' 09.85423" W
48° 13' 09.08257" N 102° 21' 09.70760" W
48° 13' 08.71118" N 102° 21' 09.42104" W
48° 13' 08.40379" N 102° 21' 09.00561" W
48° 13' 08.16643" N 102° 21' 08.49849" W
48° 13' 07.91473" N 102° 21' 07.95018" W
48° 13' 07.66006" N 102° 21' 07.40231" W
48° 13' 07.40504" N 102° 21' 06.85597" W
48° 13' 07.15158" N 102° 21' 06.31310" W
48° 13' 06.89925" N 102° 21' 05.76814" W
48° 13' 06.64282" N 102° 21' 05.22339" W
48° 13' 06.46134" N 102° 21' 04.82220" W
48° 13' 06.20890" N 102° 21' 04.27419" W
48° 13' 05.95644" N 102° 21' 03.72626" W
48° 13' 05.70446" N 102° 21' 03.17889" W
48° 13' 05.45019" N 102° 21' 02.63214" W
48° 13' 05.19588" N 102° 21' 02.09004" W
48° 13' 04.93147" N 102° 21' 01.55506" W

LAT/LONG
48° 13' 04.63719" N 102° 21' 01.05145" W
48° 13' 04.30370" N 102° 21' 00.64644" W
48° 13' 04.24725" N 102° 21' 00.59545" W
48° 13' 03.91358" N 102° 21' 00.29897" W
48° 13' 03.52197" N 102° 20' 59.98024" W
48° 13' 03.12720" N 102° 20' 59.68141" W
48° 13' 02.72850" N 102° 20' 59.38742" W
48° 13' 02.40542" N 102° 20' 59.15306" W
48° 13' 02.00253" N 102° 20' 58.86577" W
48° 13' 01.60323" N 102° 20' 58.57447" W
48° 13' 01.20682" N 102° 20' 58.27606" W
48° 13' 00.81089" N 102° 20' 57.97021" W
48° 13' 00.41208" N 102° 20' 57.67782" W
48° 13' 00.00247" N 102° 20' 57.42311" W
48° 12' 59.57954" N 102° 20' 57.23432" W
48° 12' 59.14160" N 102° 20' 57.12186" W
48° 12' 58.70314" N 102° 20' 57.01021" W
48° 12' 58.31083" N 102° 20' 56.92013" W
48° 12' 57.89581" N 102° 20' 56.82561" W
48° 12' 57.48393" N 102° 20' 56.73190" W
48° 12' 57.07149" N 102° 20' 56.64202" W
48° 12' 56.69547" N 102° 20' 56.56104" W
48° 12' 56.27791" N 102° 20' 56.46911" W
48° 12' 55.86698" N 102° 20' 56.36990" W

LAT/LONG
48° 12' 55.45918" N 102° 20' 56.27338" W
48° 12' 55.04291" N 102° 20' 56.17439" W
48° 12' 54.63399" N 102° 20' 56.06994" W
48° 12' 54.21417" N 102° 20' 55.96869" W
48° 12' 53.77292" N 102° 20' 55.86933" W
48° 12' 53.33342" N 102° 20' 55.77262" W
48° 12' 52.89587" N 102° 20' 55.66392" W
48° 12' 52.45739" N 102° 20' 55.55228" W
48° 12' 52.01981" N 102° 20' 55.44176" W
48° 12' 51.57989" N 102° 20' 55.34072" W
48° 12' 51.13978" N 102° 20' 55.25243" W
48° 12' 50.69728" N 102° 20' 55.17716" W
48° 12' 50.25536" N 102° 20' 55.20109" W
48° 12' 49.81994" N 102° 20' 55.29528" W
48° 12' 49.37910" N 102° 20' 55.38437" W
48° 12' 48.94090" N 102° 20' 55.47651" W
48° 12' 48.50156" N 102° 20' 55.56933" W
48° 12' 48.06122" N 102° 20' 55.66004" W
48° 12' 47.62095" N 102° 20' 55.74733" W
48° 12' 47.18232" N 102° 20' 55.82776" W
48° 12' 46.74129" N 102° 20' 55.91006" W
48° 12' 46.30164" N 102° 20' 56.00251" W
48° 12' 45.86212" N 102° 20' 56.09432" W
48° 12' 45.42230" N 102° 20' 56.18268" W

LAT/LONG
48° 12' 44.54005" N 102° 20' 56.34918" W
48° 12' 44.24723" N 102° 20' 56.40313" W
48° 12' 43.80530" N 102° 20' 56.47227" W
48° 12' 43.36481" N 102° 20' 56.55231" W
48° 12' 42.92446" N 102° 20' 56.63596" W
48° 12' 42.48393" N 102° 20' 56.73552" W
48° 12' 45.02454" N 102° 20' 56.24986" W
48° 12' 42.04706" N 102° 20' 56.83837" W
48° 12' 41.61157" N 102° 20' 56.94947" W
48° 12' 41.38681" N 102° 20' 57.01055" W
48° 12' 40.51622" N 102° 20' 57.22807" W
48° 12' 40.40534" N 102° 20' 57.25852" W
48° 12' 40.01278" N 102° 20' 57.54589" W
48° 12' 39.69757" N 102° 20' 58.01668" W
48° 12' 39.42039" N 102° 20' 58.53447" W
48° 12' 39.13725" N 102° 20' 59.04557" W
48° 12' 38.84664" N 102° 20' 59.54883" W
48° 12' 38.55015" N 102° 21' 00.04202" W
48° 12' 38.24902" N 102° 21' 00.53325" W
48° 12' 37.95004" N 102° 21' 01.02588" W
48° 12' 37.65270" N 102° 21' 01.51483" W
48° 12' 37.35732" N 102° 21' 01.99875" W
48° 12' 37.05989" N 102° 21' 02.49374" W

LAT/LONG
48° 12' 36.76264" N 102° 21' 02.98638" W
48° 12' 36.46632" N 102° 21' 03.48256" W
48° 12' 36.16589" N 102° 21' 03.97230" W
48° 12' 35.86724" N 102° 21' 04.46362" W
48° 12' 35.56690" N 102° 21' 04.95283" W
48° 12' 35.26373" N 102° 21' 05.43994" W
48° 12' 34.96327" N 102° 21' 05.92932" W
48° 12' 34.66214" N 102° 21' 06.41812" W
48° 12' 34.35889" N 102° 21' 06.90667" W
48° 12' 34.05716" N 102° 21' 07.39189" W
48° 12' 33.75427" N 102° 21' 07.87869" W
48° 12' 33.45403" N 102° 21' 08.36502" W
48° 12' 33.15486" N 102° 21' 08.85565" W
48° 12' 32.84320" N 102° 21' 09.32948" W
48° 12' 32.51839" N 102° 21' 09.78481" W
48° 12' 32.13016" N 102° 21' 10.09568" W
48° 12' 31.69184" N 102° 21' 10.18187" W
48° 12' 31.24747" N 102° 21' 10.15484" W
48° 12' 30.80493" N 102° 21' 10.13794" W
48° 12' 30.36092" N 102° 21' 10.13248" W
48° 12' 29.91799" N 102° 21' 10.13819" W
48° 12' 29.56368" N 102° 21' 10.14235" W
48° 12' 29.11782" N 102° 21' 10.15302" W
48° 12' 28.67568" N 102° 21' 10.15549" W

LAT/LONG
48° 12' 28.23211" N 102° 21' 10.15638" W
48° 12' 27.78677" N 102° 21' 10.14782" W
48° 12' 27.34297" N 102° 21' 10.14384" W
48° 12' 26.90900" N 102° 21' 10.15610" W
48° 12' 26.45443" N 102° 21' 10.13860" W
48° 12' 26.01042" N 102° 21' 10.13741" W
48° 12' 25.56807" N 102° 21' 10.13809" W
48° 12' 25.12394" N 102° 21' 10.14416" W
48° 12' 24.67978" N 102° 21' 10.14659" W
48° 12' 24.23476" N 102° 21' 10.13879" W
48° 12' 23.79274" N 102° 21' 10.13650" W
48° 12' 23.34662" N 102° 21' 10.13110" W
48° 12' 22.90319" N 102° 21' 10.13137" W
48° 12' 22.45921" N 102° 21' 10.13431" W
48° 12' 22.01432" N 102° 21' 10.13015" W
48° 12' 21.57096" N 102° 21' 10.13144" W
48° 12' 21.12539" N 102° 21' 10.13908" W
48° 12' 20.68146" N 102° 21' 10.14765" W
48° 12' 20.23844" N 102° 21' 10.15587" W
48° 12' 19.79399" N 102° 21' 10.16017" W
48° 12' 19.35016" N 102° 21' 10.15668" W
48° 12' 18.90410" N 102° 21' 10.15564" W
48° 12' 18.46129" N 102° 21' 10.15605" W
48° 12' 18.01628" N 102° 21' 10.15731" W

LAT/LONG
48° 12' 17.57343" N 102° 21' 10.16034" W
48° 12' 17.12698" N 102° 21' 10.15735" W
48° 12' 16.68390" N 102° 21' 10.15734" W
48° 12' 16.24132" N 102° 21' 10.15907" W
48° 12' 15.79831" N 102° 21' 10.16384" W
48° 12' 15.35322" N 102° 21' 10.16597" W
48° 12' 14.91052" N 102° 21' 10.17412" W
48° 12' 14.46490" N 102° 21' 10.17558" W
48° 12' 14.02043" N 102° 21' 10.17867" W
48° 12' 13.57545" N 102° 21' 10.19164" W
48° 12' 13.13173" N 102° 21' 10.19250" W
48° 12' 12.68840" N 102° 21' 10.19549" W
48° 12' 11.92410" N 102° 21' 10.13851" W
48° 12' 11.48491" N 102° 21' 10.03915" W
48° 12' 11.04682" N 102° 21' 09.92269" W
48° 12' 10.61143" N 102° 21' 09.79426" W
48° 12' 10.17790" N 102° 21' 09.65074" W
48° 12' 09.74562" N 102° 21' 09.50200" W
48° 12' 09.31343" N 102° 21' 09.34959" W
48° 12' 08.88029" N 102° 21' 09.19891" W
48° 12' 08.44729" N 102° 21' 09.05162" W
48° 12' 08.01455" N 102° 21' 08.91163" W
48° 12' 07.58141" N 102° 21' 08.77126" W

LAT/LONG
48° 11' 47.34895" N 102° 21' 10.09839" W
48° 11' 46.90704" N 102° 21' 10.14780" W
48° 11' 46.46117" N 102° 21' 10.16225" W
48° 11' 46.01709" N 102° 21' 10.15937" W
48° 11' 45.57286" N 102° 21' 10.15461" W
48° 11' 45.12792" N 102° 21' 10.15310" W
48° 11' 44.68417" N 102° 21' 10.14928" W
48° 11' 44.23759" N 102° 21' 10.14233" W
48° 11' 43.79410" N 102° 21' 10.13725" W
48° 11' 43.34919" N 102° 21' 10.13923" W
48° 11' 42.90622" N 102° 21' 10.14422" W
48° 11' 42.46146" N 102° 21' 10.14733" W
48° 11' 42.01512" N 102° 21' 10.14507" W
48° 11' 41.57196" N 102° 21' 10.14423" W
48° 11' 41.12765" N 102° 21' 10.13752" W
48° 11' 40.68300" N 102° 21' 10.13634" W
48° 11' 40.23811" N 102° 21' 10.13600" W
48° 11' 39.79317" N 102° 21' 10.14090" W
48° 11' 39.34951" N 102° 21' 10.14872" W
48° 11' 38.90445" N 102° 21' 10.15731" W
48° 11' 38.46055" N 102° 21' 10.15827" W
48° 11' 38.01653" N 102° 21' 10.14908" W
48° 11' 37.57254" N 102° 21' 10.14071" W
48° 11' 37.12673" N 102° 21' 10.13879" W

LAT/LONG
48° 11' 36.68101" N 102° 21' 10.13461" W
48° 11' 36.23741" N 102° 21' 10.13196" W
48° 11' 35.79339" N 102° 21' 10.13010" W
48° 11' 35.34955" N 102° 21' 10.13045" W
48° 11' 34.90507" N 102° 21' 10.12945" W
48° 11' 34.46012" N 102° 21' 10.12692" W
48° 11' 34.01592" N 102° 21' 10.12462" W
48° 11' 33.57049" N 102° 21' 10.12149" W
48° 11' 33.12691" N 102° 21' 10.12285" W
48° 11' 32.68297" N 102° 21' 10.12617" W
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48° 11' 31.79447" N 102° 21' 10.12414" W
48° 11' 31.35051" N 102° 21' 10.12488" W
48° 11' 30.90699" N 102° 21' 10.12435" W
48° 11' 30.46135" N 102° 21' 10.12320" W
48° 11' 30.01614" N 102° 21' 10.12116" W
48° 11' 29.57681" N 102° 21' 10.12469" W
48° 11' 29.12817" N 102° 21' 10.11644" W
48° 11' 28.68280" N 102° 21' 10.11929" W
48° 11' 28.25092" N 102° 21' 10.12411" W
48° 11' 27.79741" N 102° 21' 10.12191" W
48° 11' 27.35510" N 102° 21' 10.11638" W
48° 11' 26.91610" N 102° 21' 10.11303" W
48° 11' 26.47268" N 102° 21' 10.10207" W

LAT/LONG
48° 11' 26.02716" N 102° 21' 10.09436" W
48° 11' 25.58748" N 102° 21' 10.09415" W
48° 11' 25.17020" N 102° 21' 10.10160" W
48° 11' 24.75455" N 102° 21' 10.11569" W
48° 11' 24.33831" N 102° 21' 10.12838" W
48° 11' 23.92321" N 102° 21' 10.13581" W
48° 11' 23.50905" N 102° 21' 10.14188" W
48° 11' 23.09431" N 102° 21' 10.14152" W
48° 11' 22.67993" N 102° 21' 10.13689" W
48° 11' 22.23488" N 102° 21' 10.12672" W
48° 11' 21.79232" N 102° 21' 10.12232" W
48° 11' 21.43150" N 102° 21' 10.12822" W
48° 11' 20.98871" N 102° 21' 10.13149" W
48° 11' 20.54397" N 102° 21' 10.13532" W
48° 11' 20.10066" N 102° 21' 10.13573" W
48° 11' 19.65711" N 102° 21' 10.13513" W
48° 11' 19.21137" N 102° 21' 10.13495" W
48° 11' 18.76640" N 102° 21' 10.13162" W
48° 11' 18.32292" N 102° 21' 10.13251" W
48° 11' 17.87931" N 102° 21' 10.13838" W
48° 11' 17.43474" N 102° 21' 10.13534" W
48° 11' 16.98943" N 102° 21' 10.13500" W
48° 11' 16.54688" N 102° 21' 10.13875" W
48° 11' 16.10184" N 102° 21' 10.13615" W

LAT/LONG
48° 11' 15.65768" N 102° 21' 10.13040" W
48° 11' 15.21272" N 102° 21' 10.13470" W
48° 11' 14.77006" N 102° 21' 10.13792" W
48° 11' 14.32619" N 102° 21' 10.14220" W
48° 11' 13.87921" N 102° 21' 10.14470" W
48° 11' 13.43518" N 102° 21' 10.14507" W
48° 11' 12.99184" N 102° 21' 10.15326" W
48° 11' 12.54630" N 102° 21' 10.16239" W
48° 11' 12.10007" N 102° 21' 10.16636" W
48° 11' 11.65671" N 102° 21' 10.16860" W
48° 11' 11.21734" N 102° 21' 10.16385" W
48° 11' 10.77325" N 102° 21' 10.15807" W
48° 11' 10.33157" N 102° 21' 10.15562" W
48° 11' 09.88490" N 102° 21' 10.15667" W
48° 11' 09.44185" N 102° 21' 10.15910" W
48° 11' 08.99957" N 102° 21' 10.16252" W
48° 11' 08.55431" N 102° 21' 10.17390" W
48° 11' 08.10964" N 102° 21' 10.18627" W
48° 11' 07.66638" N 102° 21' 10.18776" W
48° 11' 07.22150" N 102° 21' 10.17739" W
48° 11' 06.77647" N 102° 21' 10.16509" W
48° 11' 06.33185" N 102° 21' 10.15593" W
48° 11' 05.88737" N 102° 21' 10.15275" W
48° 11' 05.44287" N 102° 21' 10.15590" W

LAT/LONG
48° 11' 05.00240" N 102° 21' 10.16347" W
48° 11' 04.55748" N 102° 21' 10.16972" W
48° 11' 04.11336" N 102° 21' 10.17574" W
48° 11' 03.66988" N 102° 21' 10.18173" W
48° 11' 03.22509" N 102° 21' 10.18139" W
48° 11' 02.78102" N 102° 21' 10.18209" W
48° 11' 02.33591" N 102° 21' 10.18322" W
48° 11' 01.89179" N 102° 21' 10.18416" W
48° 11' 01.44840" N 102° 21' 10.18391" W
48° 11' 01.00432" N 102° 21' 10.18137" W
48° 11' 00.56119" N 102° 21' 10.18538" W
48° 11' 00.11702" N 102° 21' 10.18536" W
48° 10' 59.67179" N 102° 21' 10.18148" W
48° 10' 59.22816" N 102° 21' 10.17057" W
48° 10' 58.78440" N 102° 21' 10.16627" W
48° 10' 58.33932" N 102° 21' 10.15335" W
48° 10' 57.89501" N 102° 21' 10.15208" W
48° 10' 57.44205" N 102° 21' 10.17827" W
48° 10' 57.00871" N 102° 21' 10.16757" W
48° 10' 56.55860" N 102° 21' 10.27933" W
48° 10' 56.12083" N 102° 21' 10.18204" W
48° 10' 55.80585" N 102° 21' 10.18316" W
48° 10' 55.36297" N 102° 21' 10.18802" W
48° 10' 54.91852" N 102° 21' 10.18919" W

LAT/LONG
48° 10' 44.52874" N 102° 21' 10.19627" W
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48° 10' 43.69916" N 102° 21' 10.21254" W
48° 10' 43.28398" N 102° 21' 10.21778" W
48° 10' 42.86902" N 102° 21' 10.22020" W
48° 10' 42.45178" N 102° 21' 10.21697" W
48° 10' 42.03594" N 102° 21' 10.21763" W
48° 10' 41.62215" N 102° 21' 10.21567" W
48° 10' 41.20552" N 102° 21' 10.21101" W
48° 10' 40.79029" N 102° 21' 10.20805" W
48° 10' 40.37642" N 102° 21' 10.20809" W
48° 10' 39.96137" N 102° 21' 10.20933" W
48° 10' 39.54473" N 102° 21' 10.20566" W
48° 10' 39.12894" N 102° 21' 10.20551" W
48° 10' 38.71215" N 102° 21' 10.21020" W
48° 10' 38.29938" N 102° 21' 10.20639" W
48° 10' 37.88407" N 102° 21' 10.21385" W
48° 10' 37.46733" N 102° 21' 10.21836" W
48° 10' 37.05248" N 102° 21' 10.22508" W
48° 10' 36.63698" N 102° 21' 10.23077" W
48° 10' 36.22133" N 102° 21' 10.23272" W
48° 10' 35.80374" N 102° 21' 10.23184" W
48° 10' 35.39013" N 102° 21' 10.22598" W
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LAT/LONG
48° 10' 24.81247" N 102° 21' 08.39139" W
48° 10' 24.44248" N 102° 21' 08.10062" W
48° 10' 24.10204" N 102° 21' 07.75109" W
48° 10' 23.78458" N 102° 21' 07.35150" W
48° 10' 23.46826" N 102° 21' 06.95178" W
48° 10' 23.15115" N 102° 21' 06.55049" W
48° 10' 22.83159" N 102° 21' 06.15159" W
48° 10' 22.56400" N 102° 21' 05.82659" W
48° 10' 22.24281" N 102° 21' 05.43216" W
48° 10' 21.91881" N 102° 21' 05.04705" W
48° 10' 21.59130" N 102° 21' 04.66434" W
48° 10' 21.24959" N 102° 21' 04.33338" W
48° 10' 20.84882" N 102° 21' 04.16492" W
48° 10' 20.43487" N 102° 21' 04.11245" W
48° 10' 20.01905" N 102° 21' 04.07755" W
48° 10' 19.60437" N 102° 21' 04.04169" W
48° 10' 19.18939" N 102° 21' 04.00684" W
48° 10' 18.77427" N 102° 21' 03.97487" W
48° 10' 18.40505" N 102° 21' 03.95364" W
48° 10' 17.99052" N 102° 21' 03.92645" W
48° 10' 17.57565" N 102° 21' 03.89944" W
48° 10' 17.16053" N 102° 21' 03.87290" W
48° 10' 16.74476" N 102° 21' 03.84292" W
48° 10' 16.33034" N 102° 21' 03.81507" W

LAT/LONG
48° 10' 15.91513" N 102° 21' 03.78993" W
48° 10' 15.49866" N 102° 21' 03.75970" W
48° 10' 15.08474" N 102° 21' 03.73338" W
48° 10' 14.66845" N 102° 21' 03.70209" W
48° 10' 14.25359" N 102° 21' 03.67034" W
48° 10' 13.83902" N 102° 21' 03.64021" W
48° 10' 13.42569" N 102° 21' 03.61260" W
48° 10' 13.01071" N 102° 21' 03.59159" W
48° 10' 12.59354" N 102° 21' 03.56742" W
48° 10' 12.17838" N 102° 21' 03.54707" W
48° 10' 11.76512" N 102° 21' 03.52833" W
48° 10' 11.35322" N 102° 21' 03.43152" W
48° 10' 10.94959" N 102° 21' 03.28376" W
48° 10' 10.54558" N 102° 21' 03.13964" W
48° 10' 10.14032" N 102° 21' 03.00170" W
48° 10' 09.73558" N 102° 21' 02.86631" W
48° 10' 09.32994" N 102° 21' 02.73718" W
48° 10' 08.92038" N 102° 21' 02.61270" W
48° 10' 08.51523" N 102° 21' 02.49165" W
48° 10' 08.10479" N 102° 21' 02.38756" W
48° 10' 07.69356" N 102° 21' 02.30380" W
48° 10' 07.27754" N 102° 21' 02.30490" W
48° 10' 06.86355" N 102° 21' 02.35835" W
48° 10' 06.45108" N 102° 21' 02.42032" W

LAT/LONG
48° 10' 06.03780" N 102° 21' 02.48684" W
48° 10' 05.62667" N 102° 21' 02.55045" W
48° 10' 05.21336" N 102° 21' 02.62110" W
48° 10' 04.79860" N 102° 21' 02.68607" W
48° 10' 04.38689" N 102° 21' 02.75100" W
48° 10' 03.97651" N 102° 21' 02.80899" W
48° 10' 03.56129" N 102° 21' 02.86554" W
48° 10' 03.14520" N 102° 21' 02.93599" W
48° 10' 02.74447" N 102° 21' 03.00446" W
48° 10' 02.37782" N 102° 21' 03.06413" W
48° 10' 01.96667" N 102° 21' 03.12987" W
48° 10' 01.55395" N 102° 21' 03.20027" W
48° 10' 01.14227" N 102° 21' 03.26833" W
48° 10' 00.72856" N 102° 21' 03.33596" W
48° 10' 00.31634" N 102° 21' 03.40686" W
48° 09' 59.90232" N 102° 21' 03.47266" W
48° 09' 59.49082" N 102° 21' 03.53453" W
48° 09' 59.07650" N 102° 21' 03.59346" W
48° 09' 58.66163" N 102° 21' 03.65472" W
48° 09' 58.24916" N 102° 21' 03.72076" W
48° 09' 57.83713" N 102° 21' 03.78686" W
48° 09' 57.42475" N 102° 21' 03.86073" W
48° 09' 57.01140" N 102° 21' 03.93472" W
48° 09' 56.59992" N 102° 21' 04.00547" W

LAT/LONG
48° 09' 56.18487" N 102° 21' 04.06713" W
48° 09' 55.77019" N 102° 21' 04.11366" W
48° 09' 55.35537" N 102° 21' 04.14263" W
48° 09' 54.93919" N 102° 21' 04.14258" W
48° 09' 54.52426" N 102° 21' 04.13131" W
48° 09' 54.10950" N 102° 21' 04.12694" W
48° 09' 53.69590" N 102° 21' 04.12977" W
48° 09' 53.27963" N 102° 21' 04.13204" W
48° 09' 52.86349" N 102° 21' 04.13727" W
48° 09' 52.50742" N 102° 21' 04.14264" W
48° 09' 52.09147" N 102° 21' 04.14683" W
48° 09' 51.67606" N 102° 21' 04.14459" W
48° 09' 51.26128" N 102° 21' 04.14751" W
48° 09' 50.84554" N 102° 21' 04.14237" W
48° 09' 50.42996" N 102° 21' 04.14570" W
48° 09' 50.01200" N 102° 21' 04.14472" W
48° 09' 49.59889" N 102° 21' 04.14827" W
48° 09' 49.18346" N 102° 21' 04.15214" W
48° 09' 48.76800" N 102° 21' 04.15487" W
48° 09' 48.35337" N 102° 21' 04.15266" W
48° 09' 47.93985" N 102° 21' 04.15207" W
48° 09' 47.52420" N 102° 21' 04.14814" W
48° 09' 47.10850" N 102° 21' 04.14327" W
48° 09' 46.69345" N 102° 21' 04.13897" W

LAT/LONG
48° 09' 46.27758" N 102° 21' 04.13895" W
48° 09' 45.86134" N 102° 21' 04.13653" W
48° 09' 45.44607" N 102° 21' 04.13109" W
48° 09' 45.03119" N 102° 21' 04.13139" W
48° 09' 44.61466" N 102° 21' 04.12482" W
48° 09' 44.19915" N 102° 21' 04.13269" W
48° 09' 43.78797" N 102° 21' 04.15078" W
48° 09' 43.36971" N 102° 21' 04.15310" W
48° 09' 42.95618" N 102° 21' 04.16552" W
48° 09' 42.54172" N 102° 21' 04.17103" W
48° 09' 42.12564" N 102° 21' 04.16917" W
48° 09' 41.71128" N 102° 21' 04.16095" W
48° 09' 41.29455" N 102° 21' 04.15488" W
48° 09' 40.87938" N 102° 21' 04.14283" W
48° 09' 40.46314" N 102° 21' 04.14206" W
48° 09' 40.04947" N 102° 21' 04.14193" W
48° 09' 39.63322" N 102° 21' 04.14192" W
48° 09' 39.21791" N 102° 21' 04.14616" W
48° 09' 38.80247" N 102° 21' 04.15023" W
48° 09' 38.38696" N 102° 21' 04.14833" W
48° 09' 37.97177" N 102° 21' 04.14933" W
48° 09' 37.55476" N 102° 21' 04.14898" W
48° 09' 37.13919" N 102° 21' 04.15190" W
48° 09' 36.72230" N 102° 21' 04.14806" W

LAT/LONG
48° 09' 36.30881" N 102° 21' 04.15131" W
48° 09' 35.89300" N 102° 21' 04.15063" W
48° 09' 35.47911" N 102° 21' 04.15312" W
48° 09' 35.05996" N 102° 21' 04.16839" W
48° 09' 34.64759" N 102° 21' 04.15863" W
48° 09' 34.23435" N 102° 21' 04.15554" W
48° 09' 33.81607" N 102° 21' 04.15082" W
48° 09' 33.40430" N 102° 21' 04.15760" W
48° 09' 32.98857" N 102° 21' 04.17167" W
48° 09' 32.57393" N 102° 21' 04.17195" W
48° 09' 32.15856" N 102° 21' 04.16585" W
48° 09' 31.74315" N 102° 21' 04.16068" W
48° 09' 31.32755" N 102° 21' 04.15940" W
48° 09' 30.93578" N 102° 21' 04.16144" W
48° 09' 30.52627" N 102° 21' 04.15778" W
48° 09' 30.10398" N 102° 21' 04.15214" W
48° 09' 29.68884" N 102° 21' 04.14663" W
48° 09' 29.27494" N 102° 21' 04.14509" W
48° 09' 28.86530" N 102° 21' 04.14632" W
48° 09' 28.46693" N 102° 21' 04.14301" W
48° 09' 28.06216" N 102° 21' 04.13959" W
48° 09' 27.65566" N 102° 21' 04.13106" W
48° 09' 27.32072" N 102° 21' 04.06146" W
48° 09' 26.92435" N 102° 21' 03.91810" W

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48° 09' 26.54156" N 102° 21' 03.77632" W
48° 09' 26.12717" N 102° 21' 03.62442" W
48° 09' 25.73176" N 102° 21' 03.49157" W
48° 09' 25.42767" N 102° 21' 03.39055" W
48° 09' 25.02112" N 102° 21' 03.26132" W
48° 09' 24.61422" N 102° 21' 03.12747" W
48° 09' 24.20801" N 102° 21' 02.98988" W
48° 09' 23.80336" N 102° 21' 02.85395" W
48° 09' 23.39927" N 102° 21' 02.72084" W
48° 09' 22.98545" N 102° 21' 02.59368" W
48° 09' 22.58048" N 102° 21' 02.46423" W
48° 09' 22.16668" N 102° 21' 02.33529" W
48° 09' 21.75991" N 102° 21' 02.21836" W
48° 09' 21.36079" N 102° 21' 02.04676" W
48° 09' 20.98982" N 102° 21' 01.81000" W
48° 09' 20.62724" N 102° 21' 01.57253" W
48° 09' 20.30136" N 102° 21' 01.35931" W
48° 09' 19.92167" N 102° 21' 01.11138" W
48° 09' 19.53976" N 102° 21' 00.86323" W
48° 09' 19.15745" N 102° 21' 00.61707" W
48° 09' 18.82833" N 102° 21' 00.40130" W
48° 09' 18.44325" N 102° 21' 00.14936" W
48° 09' 18.05778" N 102° 20' 59.89610" W
48° 09' 17.67874" N 102° 20' 59.64696" W

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48° 09' 08.09414" N 102° 20' 59.34970" W
48° 09' 07.70063" N 102° 20' 59.55454" W
48° 09' 07.31126" N 102° 20' 59.76412" W
48° 09' 06.91998" N 102° 20' 59.97179" W
48° 09' 06.52840" N 102° 21' 00.18349" W
48° 09' 06.13569" N 102° 21' 00.38621" W
48° 09' 05.74519" N 102° 21' 00.58531" W
48° 09' 05.35389" N 102° 21' 00.78672" W
48° 09' 04.96242" N 102° 21' 00.99011" W
48° 09' 04.57050" N 102° 21' 01.19343" W
48° 09' 04.17834" N 102° 21' 01.39389" W
48° 09' 03.78388" N 102° 21' 01.59792" W
48° 09' 03.39078" N 102° 21' 01.79790" W
48° 09' 03.00212" N 102° 21' 02.01341" W
48° 09' 02.63755" N 102° 21' 02.21616" W
48° 09' 02.33714" N 102° 21' 02.37927" W
48° 09' 01.94750" N 102° 21' 02.59671" W
48° 09' 01.55649" N 102° 21' 02.80580" W
48° 09' 01.14911" N 102° 21' 02.92312" W
48° 09' 00.73503" N 102° 21' 02.96548" W
48° 09' 00.32041" N 102° 21' 03.00960" W
48° 08' 59.90559" N 102° 21' 03.05795" W
48° 08' 59.49237" N 102° 21' 03.10603" W
48° 08' 59.07867" N 102° 21' 03.15900" W

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48° 08' 58.66435" N 102° 21' 03.21775" W
48° 08' 58.24974" N 102° 21' 03.27958" W
48° 08' 57.83627" N 102° 21' 03.34288" W
48° 08' 57.46342" N 102° 21' 03.39851" W
48° 08' 57.04830" N 102° 21' 03.45803" W
48° 08' 56.63757" N 102° 21' 03.51374" W
48° 08' 56.22208" N 102° 21' 03.56678" W
48° 08' 55.80797" N 102° 21' 03.61939" W
48° 08' 55.39257" N 102° 21' 03.67113" W
48° 08' 54.98053" N 102° 21' 03.72002" W
48° 08' 54.56481" N 102° 21' 03.76785" W
48° 08' 54.15009" N 102° 21' 03.82093" W
48° 08' 53.73708" N 102° 21' 03.87195" W
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48° 08' 52.90632" N 102° 21' 03.96879" W
48° 08' 52.49273" N 102° 21' 04.02360" W
48° 08' 52.07879" N 102° 21' 04.07450" W
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48° 08' 50.44468" N 102° 21' 04.51524" W
48° 08' 50.04162" N 102° 21' 04.65653" W
48° 08' 49.63663" N 102° 21' 04.80616" W
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LAT/LONG
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48° 08' 47.69630" N 102° 21' 05.53181" W
48° 08' 47.29245" N 102° 21' 05.67392" W
48° 08' 46.88888" N 102° 21' 05.81932" W
48° 08' 46.48399" N 102° 21' 05.96151" W
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48° 08' 45.67583" N 102° 21' 06.24129" W
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48° 08' 40.40947" N 102° 21' 07.96779" W
48° 08' 39.99219" N 102° 21' 07.94624" W
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LAT/LONG
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48° 08' 37.15163" N 102° 21' 07.92119" W
48° 08' 36.73675" N 102° 21' 07.91982" W
48° 08' 36.31998" N 102° 21' 07.91497" W
48° 08' 35.90335" N 102° 21' 07.91050" W
48° 08' 35.49049" N 102° 21' 07.90878" W
48° 08' 35.04537" N 102° 21' 07.90617" W
48° 08' 34.60295" N 102° 21' 07.90478" W
48° 08' 34.16331" N 102° 21' 07.90883" W
48° 08' 33.71820" N 102° 21' 07.90644" W
48° 08' 33.27374" N 102° 21' 07.91931" W
48° 08' 32.82961" N 102° 21' 07.93310" W
48° 08' 32.38835" N 102° 21' 07.94284" W
48° 08' 31.94420" N 102° 21' 07.94807" W
48° 08' 31.50369" N 102° 21' 07.94861" W
48° 08' 31.05755" N 102° 21' 07.94310" W
48° 08' 30.61200" N 102° 21' 07.93887" W
48° 08' 30.16767" N 102° 21' 07.93917" W
48° 08' 29.72400" N 102° 21' 07.93797" W
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LAT/LONG
48° 08' 28.83466" N 102° 21' 07.93556" W
48° 08' 28.39073" N 102° 21' 07.93556" W
48° 08' 27.96966" N 102° 21' 07.94183" W
48° 08' 27.55545" N 102° 21' 07.94416" W
48° 08' 27.15397" N 102° 21' 07.94362" W
48° 08' 26.73809" N 102° 21' 07.94160" W
48° 08' 26.32337" N 102° 21' 07.93548" W
48° 08' 25.90851" N 102° 21' 07.93146" W
48° 08' 25.49375" N 102° 21' 07.93093" W
48° 08' 25.09275" N 102° 21' 07.93533" W
48° 08' 24.67101" N 102° 21' 07.94141" W
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48° 08' 22.17717" N 102° 21' 07.92694" W
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48° 08' 20.51807" N 102° 21' 07.95426" W
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LAT/LONG
48° 08' 19.20210" N 102° 21' 07.95584" W
48° 08' 18.78947" N 102° 21' 07.95650" W
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48° 08' 17.93397" N 102° 21' 07.95930" W
48° 08' 17.49110" N 102° 21' 07.95795" W
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48° 08' 09.49304" N 102° 21' 07.95120" W
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LAT/LONG
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48° 07' 50.77186" N 102° 21' 04.55513" W
48° 07' 50.32731" N 102° 21' 04.50049" W
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48° 07' 47.15086" N 102° 21' 06.59743" W
48° 07' 46.76360" N 102° 21' 06.92148" W
48° 07' 46.37513" N 102° 21' 07.24332" W
48° 07' 45.98576" N 102° 21' 07.56459" W
48° 07' 45.58465" N 102° 21' 07.83883" W
48° 07' 45.14737" N 102° 21' 07.94090" W
48° 07' 44.70285" N 102° 21' 07.94068" W
48° 07' 44.26023" N 102° 21' 07.93367" W
48° 07' 43.81509" N 102° 21' 07.92798" W
48° 07' 43.37187" N 102° 21' 07.93158" W
48° 07' 42.92755" N 102° 21' 07.94245" W
48° 07' 42.48354" N 102° 21' 07.95700" W
48° 07' 42.03947" N 102° 21' 07.97125" W
48° 07' 41.59560" N 102° 21' 07.99193" W
48° 07' 41.23995" N 102° 21' 08.01689" W
48° 07' 40.79717" N 102° 21' 08.05128" W
48° 07' 40.35174" N 102° 21' 08.08813" W
48° 07' 39.90993" N 102° 21' 08.11462" W
48° 07' 39.46330" N 102° 21' 08.14209" W
48° 07' 39.02112" N 102° 21' 08.16261" W
48° 07' 38.57702" N 102° 21' 08.19145" W
48° 07' 38.13195" N 102° 21' 08.21990" W

LAT/LONG
48° 07' 37.68986" N 102° 21' 08.25163" W
48° 07' 37.24640" N 102° 21' 08.27797" W
48° 07' 36.80154" N 102° 21' 08.31339" W
48° 07' 36.35864" N 102° 21' 08.34760" W
48° 07' 35.91538" N 102° 21' 08.38287" W
48° 07' 35.47147" N 102° 21' 08.41512" W
48° 07' 35.02819" N 102° 21' 08.44805" W
48° 07' 34.58560" N 102° 21' 08.48354" W
48° 07' 34.13925" N 102° 21' 08.50823" W
48° 07' 33.69660" N 102° 21' 08.53249" W
48° 07' 33.25397" N 102° 21' 08.55866" W
48° 07' 32.81108" N 102° 21' 08.58769" W
48° 07' 32.36846" N 102° 21' 08.61918" W
48° 07' 31.92378" N 102° 21' 08.64755" W
48° 07' 31.47863" N 102° 21' 08.67617" W
48° 07' 31.03602" N 102° 21' 08.70909" W
48° 07' 30.59221" N 102° 21' 08.74859" W
48° 07' 30.15095" N 102° 21' 08.79175" W
48° 07' 29.70618" N 102° 21' 08.83242" W
48° 07' 29.26251" N 102° 21' 08.86897" W
48° 07' 28.81790" N 102° 21' 08.89116" W
48° 07' 28.55988" N 102° 21' 08.90095" W
48° 07' 27.67775" N 102° 21' 08.90705" W

LAT/LONG
48° 07' 27.39811" N 102° 21' 08.90966" W
48° 07' 26.95419" N 102° 21' 08.91737" W
48° 07' 26.50921" N 102° 21' 08.92758" W
48° 07' 26.06561" N 102° 21' 08.95749" W
48° 07' 25.62014" N 102° 21' 08.95239" W
48° 07' 25.17704" N 102° 21' 08.94424" W
48° 07' 24.73120" N 102° 21' 08.94453" W
48° 07' 24.28829" N 102° 21' 08.94741" W
48° 07' 23.84288" N 102° 21' 08.95803" W
48° 07' 23.39894" N 102° 21' 08.97278" W
48° 07' 22.95468" N 102° 21' 08.98137" W
48° 07' 22.51008" N 102° 21' 08.98646" W
48° 07' 22.06564" N 102° 21' 08.98140" W
48° 07' 21.62164" N 102° 21' 08.97826" W
48° 07' 21.17732" N 102° 21' 08.98083" W
48° 07' 20.73313" N 102° 21' 08.98518" W
48° 07' 20.28880" N 102° 21' 08.99474" W
48° 07' 19.84607" N 102° 21' 08.99882" W
48° 07' 19.39944" N 102° 21' 09.00488" W
48° 07' 18.95625" N 102° 21' 09.01702" W
48° 07' 18.51286" N 102° 21' 09.02505" W
48° 07' 18.07557" N 102° 21' 09.03493" W
48° 07' 17.64014" N 102° 21' 09.04485" W
48° 07' 17.19776" N 102° 21' 09.05105" W

LAT/LONG
48° 07' 16.75342" N 102° 21' 09.05598" W
48° 07' 16.30966" N 102° 21' 09.05432" W
48° 07' 15.86569" N 102° 21' 09.05465" W
48° 07' 15.42167" N 102° 21' 09.05359" W
48° 07' 14.97821" N 102° 21' 09.05558" W
48° 07' 14.53512" N 102° 21' 09.05728" W
48° 07' 14.09073" N 102° 21' 09.05594" W
48° 07' 13.63688" N 102° 21' 09.09062" W
48° 07' 13.19980" N 102° 21' 09.06637" W
48° 07' 12.75862" N 102° 21' 09.06434" W
48° 07' 12.34582" N 102° 21' 09.06374" W
48° 07' 11.90191" N 102° 21' 09.06268" W
48° 07' 11.45931" N 102° 21' 09.05697" W
48° 07' 11.01396" N 102° 21' 09.05603" W
48° 07' 10.56314" N 102° 21' 09.05311" W
48° 07' 10.12540" N 102° 21' 09.05308" W
48° 07' 09.68292" N 102° 21' 09.06136" W
48° 07' 09.23885" N 102° 21' 09.05758" W
48° 07' 08.79480" N 102° 21' 09.05425" W
48° 07' 08.35168" N 102° 21' 09.04929" W
48° 07' 07.90799" N 102° 21' 09.04468" W
48° 07' 07.46647" N 102° 21' 09.04250" W
48° 07' 07.02192" N 102° 21' 09.03748" W
48° 07' 06.57774" N 102° 21' 09.03694" W

LAT/LONG
48° 07' 06.12569" N 102° 21' 09.07203" W
48° 07' 05.68846" N 102° 21' 09.05163" W
48° 07' 05.24507" N 102° 21' 09.05658" W
48° 07' 04.80172" N 102° 21' 09.05880" W
48° 07' 04.35617" N 102° 21' 09.05448" W
48° 07' 03.91187" N 102° 21' 09.05682" W
48° 07' 03.46709" N 102° 21' 09.05389" W
48° 07' 03.02185" N 102° 21' 09.05694" W
48° 07' 02.57919" N 102° 21' 09.06289" W
48° 07' 02.13391" N 102° 21' 09.07698" W
48° 07' 01.68960" N 102° 21' 09.12306" W
48° 07' 01.24716" N 102° 21' 09.18008" W
48° 07' 00.80565" N 102° 21' 09.24166" W
48° 07' 00.36360" N 102° 21' 09.30265" W
48° 06' 59.92173" N 102° 21' 09.37036" W
48° 06' 59.47930" N 102° 21' 09.43821" W
48° 06' 59.03680" N 102° 21' 09.50454" W
48° 06' 58.61320" N 102° 21' 09.56123" W
48° 06' 58.16952" N 102° 21' 09.62008" W
48° 06' 57.72835" N 102° 21' 09.67848" W
48° 06' 57.28550" N 102° 21' 09.74557" W
48° 06' 56.84444" N 102° 21' 09.80326" W
48° 06' 56.40233" N 102° 21' 09.87037" W
48° 06' 55.96018" N 102° 21' 09.93536" W

LAT/LONG
48° 06' 55.51561" N 102° 21' 10.00413" W
48° 06' 55.07129" N 102° 21' 10.04060" W
48° 06' 54.63005" N 102° 21' 10.05091" W
48° 06' 54.18378" N 102° 21' 10.06452" W
48° 06' 53.73998" N 102° 21' 10.06897" W
48° 06' 53.29645" N 102° 21' 10.07050" W
48° 06' 52.85316" N 102° 21' 10.07597" W
48° 06' 52.40872" N 102° 21' 10.07888" W
48° 06' 51.96620" N 102° 21' 10.07600" W
48° 06' 51.52475" N 102° 21' 10.08604" W
48° 06' 51.07696" N 102° 21' 10.07756" W
48° 06' 50.63200" N 102° 21' 10.07587" W
48° 06' 50.18754" N 102° 21' 10.07874" W
48° 06' 49.74114" N 102° 21' 10.09853" W
48° 06' 49.38441" N 102° 21' 10.07878" W
48° 06' 48.93982" N 102° 21' 10.07832" W
48° 06' 48.49483" N 102° 21' 10.07526" W
48° 06' 48.04875" N 102° 21' 10.06996" W
48° 06' 47.60562" N 102° 21' 10.06543" W
48° 06' 47.16154" N 102° 21' 10.06302" W
48° 06' 46.71488" N 102° 21' 10.06194" W
48° 06' 46.28636" N 102° 21' 10.08492" W
48° 06' 45.82633" N 102° 21' 10.06286" W
48° 06' 45.38184" N 102° 21' 10.06260" W

LAT/LONG
48° 06' 44.93773" N 102° 21' 10.05898" W
48° 06' 44.49353" N 102° 21' 10.05925" W
48° 06' 44.04873" N 102° 21' 10.05586" W
48° 06' 43.60436" N 102° 21' 10.05404" W
48° 06' 43.15517" N 102° 21' 10.06673" W
48° 06' 42.71396" N 102° 21' 10.05361" W
48° 06' 42.27071" N 102° 21' 10.05275" W
48° 06' 41.82504" N 102° 21' 10.05284" W
48° 06' 41.38217" N 102° 21' 10.05673" W
48° 06' 40.93736" N 102° 21' 10.05926" W
48° 06' 40.49370" N 102° 21' 10.05558" W
48° 06' 40.04970" N 102° 21' 10.04889" W
48° 06' 39.60622" N 102° 21' 10.03988" W
48° 06' 39.16053" N 102° 21' 10.03086" W
48° 06' 38.71458" N 102° 21' 10.02394" W
48° 06' 38.26995" N 102° 21' 10.02614" W
48° 06' 37.82658" N 102° 21' 10.03315" W
48° 06' 37.38347" N 102° 21' 10.04749" W
48° 06' 36.95010" N 102° 21' 10.06651" W
48° 06' 36.51204" N 102° 21' 10.04055" W
48° 06' 36.07313" N 102° 21' 10.04118" W
48° 06' 35.62553" N 102° 21' 10.01944" W
48° 06' 35.56374" N 102° 21' 10.01759" W
48° 06' 35.11818" N 102° 21' 10.05986" W

LAT/LONG
48° 06' 34.68164" N 102° 21' 10.02377" W
48° 06' 34.23862" N 102° 21' 10.02488" W
48° 06' 33.79292" N 102° 21' 10.03345" W
48° 06' 33.34848" N 102° 21' 10.02568" W
48° 06' 32.89934" N 102° 21' 10.05319" W
48° 06' 32.46111" N 102° 21' 10.03458" W
48° 06' 32.01825" N 102° 21' 10.03121" W
48° 06' 31.57568" N 102° 21' 10.03429" W
48° 06' 31.12810" N 102° 21' 10.02270" W
48° 06' 30.68250" N 102° 21' 10.02630" W
48° 06' 30.24109" N 102° 21' 10.04147" W
48° 06' 29.79818" N 102° 21' 10.02213" W
48° 06' 29.35156" N 102° 21' 10.01722" W
48° 06' 28.90735" N 102° 21' 10.02257" W
48° 06' 28.46371" N 102° 21' 10.02358" W
48° 06' 28.01986" N 102° 21' 10.02702" W
48° 06' 27.57473" N 102° 21' 10.01886" W
48° 06' 27.13007" N 102° 21' 10.01899" W
48° 06' 26.68813" N 102° 21' 10.02304" W
48° 06' 26.24289" N 102° 21' 10.02477" W
48° 06' 25.79709" N 102° 21' 10.02304" W
48° 06' 25.35471" N 102° 21' 10.02746" W
48° 06' 24.91365" N 102° 21' 10.04511" W
48° 06' 24.46617" N 102° 21' 10.04102" W

LAT/LONG
48° 06' 24.02136" N 102° 21' 10.04260" W
48° 06' 23.57662" N 102° 21' 10.04706" W
48° 06' 23.13363" N 102° 21' 10.04740" W
48° 06' 22.68821" N 102° 21' 10.04821" W
48° 06' 22.24415" N 102° 21' 10.04315" W
48° 06' 21.80154" N 102° 21' 10.04051" W
48° 06' 21.35877" N 102° 21' 10.03687" W
48° 06' 20.91494" N 102° 21' 10.03215" W
48° 06' 20.47144" N 102° 21' 10.03631" W
48° 06' 20.02464" N 102° 21' 10.05100" W
48° 06' 19.58226" N 102° 21' 10.03773" W
48° 06' 19.13890" N 102° 21' 10.04154" W
48° 06' 18.69323" N 102° 21' 10.04295" W
48° 06' 18.24941" N 102° 21' 10.04832" W
48° 06' 17.80442" N 102° 21' 10.05303" W
48° 06' 17.36094" N 102° 21' 10.05974" W
48° 06' 16.91619" N 102° 21' 10.06357" W
48° 06' 16.47148" N 102° 21' 10.06192" W
48° 06' 16.02831" N 102° 21' 10.05786" W
48° 06' 15.58385" N 102° 21' 10.05610" W
48° 06' 15.13818" N 102° 21' 10.06147" W
48° 06' 14.69354" N 102° 21' 10.06762" W
48° 06' 14.24882" N 102° 21' 10.07247" W
48° 06' 13.80480" N 102° 21' 10.06895" W

LAT/LONG
48° 06' 08.01383" N 102° 21' 14.74917" W
48° 06' 07.59808" N 102° 21' 14.74547" W
48° 06' 07.18227" N 102° 21' 14.74565" W
48° 06' 06.76654" N 102° 21' 14.74631" W
48° 06' 06.34977" N 102° 21' 14.76360" W
48° 06' 05.93309" N 102° 21' 14.74533" W
48° 06' 05.51854" N 102° 21' 14.74356" W
48° 06' 05.10466" N 102° 21' 14.74794" W
48° 06' 04.69216" N 102° 21' 14.73822" W
48° 06' 04.27863" N 102° 21' 14.74610" W
48° 06' 03.86341" N 102° 21' 14.74547" W
48° 06' 03.44955" N 102° 21' 14.75190" W
48° 06' 03.03324" N 102° 21' 14.76009" W
48° 06' 02.61914" N 102° 21' 14.75477" W
48° 06' 02.20582" N 102° 21' 14.75845" W
48° 06' 01.78669" N 102° 21' 14.77227" W
48° 06' 01.37581" N 102° 21' 14.75900" W
48° 06' 00.95823" N 102° 21' 14.76495" W
48° 06' 00.54565" N 102° 21' 14.76055" W
48° 06' 00.12998" N 102° 21' 14.76504" W
48° 05' 59.71458" N 102° 21' 14.76766" W
48° 05' 59.30011" N 102° 21' 14.76700" W
48° 05' 58.88397" N 102° 21' 14.76335" W
48° 05' 58.46748" N 102° 21' 14.76159" W

LAT/LONG
48° 05' 58.05190" N 102° 21' 14.74796" W
48° 05' 57.63524" N 102° 21' 14.74651" W
48° 05' 57.21944" N 102° 21' 14.74710" W
48° 05' 56.80466" N 102° 21' 14.75031" W
48° 05' 56.38987" N 102° 21' 14.74868" W
48° 05' 55.97453" N 102° 21' 14.75571" W
48° 05' 55.55658" N 102° 21' 14.76614" W
48° 05' 55.34806" N 102° 21' 14.76552" W
48° 05' 55.14691" N 102° 21' 14.76475" W
48° 05' 54.73095" N 102° 21' 14.76188" W
48° 05' 54.31560" N 102° 21' 14.77060" W
48° 05' 53.90207" N 102° 21' 14.82511" W
48° 05' 53.49227" N 102° 21' 14.89196" W
48° 05' 53.08074" N 102° 21' 14.92497" W
48° 05' 52.66235" N 102° 21' 14.90134" W
48° 05' 52.24628" N 102° 21' 14.87398" W
48° 05' 51.83070" N 102° 21' 14.84352" W
48° 05' 51.41620" N 102° 21' 14.80821" W
48° 05' 51.00455" N 102° 21' 14.78219" W
48° 05' 50.58907" N 102° 21' 14.76549" W
48° 05' 50.17411" N 102° 21' 14.77186" W
48° 05' 49.75870" N 102° 21' 14.78686" W
48° 05' 49.34284" N 102° 21' 14.79954" W
48° 05' 48.92093" N 102° 21' 14.82587" W

LAT/LONG
48° 05' 48.51517" N 102° 21' 14.81527" W
48° 05' 48.10049" N 102° 21' 14.82614" W
48° 05' 47.69725" N 102° 21' 14.82739" W
48° 05' 47.29050" N 102° 21' 14.83417" W
48° 05' 46.87186" N 102° 21' 14.84180" W
48° 05' 46.46800" N 102° 21' 14.83146" W
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48° 05' 45.64299" N 102° 21' 14.82382" W
48° 05' 45.22518" N 102° 21' 14.83137" W
48° 05' 44.85742" N 102° 21' 14.82570" W
48° 05' 44.77962" N 102° 21' 14.82033" W
48° 05' 42.59078" N 102° 21' 14.78265" W
48° 05' 42.26497" N 102° 21' 14.77826" W
48° 05' 41.85192" N 102° 21' 14.78135" W
48° 05' 41.43694" N 102° 21' 14.80159" W
48° 05' 41.02307" N 102° 21' 14.83881" W
48° 05' 40.61015" N 102° 21' 14.87806" W
48° 05' 40.19307" N 102° 21' 14.89242" W
48° 05' 39.77761" N 102° 21' 14.90240" W
48° 05' 39.36229" N 102° 21' 14.90773" W
48° 05' 38.94540" N 102° 21' 14.91061" W
48° 05' 38.53046" N 102° 21' 14.91324" W

LAT/LONG
48° 05' 30.46057" N 102° 21' 10.42108" W
48° 05' 30.39706" N 102° 21' 10.02025" W
48° 05' 30.16102" N 102° 21' 09.38077" W
48° 05' 29.88279" N 102° 21' 08.91367" W
48° 05' 29.52796" N 102° 21' 08.47090" W
48° 05' 29.13366" N 102° 21' 08.15614" W
48° 05' 28.71362" N 102° 21' 07.94540" W
48° 05' 28.27501" N 102° 21' 07.83757" W
48° 05' 27.83016" N 102° 21' 07.78409" W
48° 05' 27.38700" N 102° 21' 07.74769" W
48° 05' 26.97161" N 102° 21' 07.72909" W
48° 05' 26.52646" N 102° 21' 07.71937" W
48° 05' 26.08239" N 102° 21' 07.71768" W
48° 05' 25.66544" N 102° 21' 07.72294" W
48° 05' 25.26445" N 102° 21' 07.72496" W
48° 05' 24.84750" N 102° 21' 07.72994" W
48° 05' 24.43237" N 102° 21' 07.73327" W
48° 05' 24.01888" N 102° 21' 07.73212" W
48° 05' 23.60296" N 102° 21' 07.73208" W
48° 05' 23.18711" N 102° 21' 07.73681" W
48° 05' 22.78591" N 102° 21' 07.74125" W
48° 05' 22.37107" N 102° 21' 07.74674" W

LAT/LONG
48° 05' 21.95576" N 102° 21' 07.75143" W
48° 05' 21.53887" N 102° 21' 07.75566" W
48° 05' 21.12302" N 102° 21' 07.76432" W
48° 05' 20.70727" N 102° 21' 07.77374" W
48° 05' 20.30826" N 102° 21' 07.79515" W
48° 05' 19.89427" N 102° 21' 07.83540" W
48° 05' 19.49529" N 102° 21' 07.87391" W
48° 05' 19.08159" N 102° 21' 07.91607" W
48° 05' 18.69096" N 102° 21' 07.96180" W
48° 05' 18.27842" N 102° 21' 08.00880" W
48° 05' 17.90058" N 102° 21' 08.05374" W
48° 05' 17.48388" N 102° 21' 08.09717" W
48° 05' 17.06989" N 102° 21' 08.14421" W
48° 05' 16.65568" N 102° 21' 08.19895" W
48° 05' 16.21312" N 102° 21' 08.26036" W
48° 05' 15.77041" N 102° 21' 08.32402" W
48° 05' 15.35524" N 102° 21' 08.38102" W
48° 05' 14.93961" N 102° 21' 08.42245" W
48° 05' 14.52401" N 102° 21' 08.47263" W
48° 05' 14.11278" N 102° 21' 08.52321" W
48° 05' 13.66788" N 102° 21' 08.57406" W
48° 05' 13.22501" N 102° 21' 08.62354" W
48° 05' 12.78241" N 102° 21' 08.68057" W
48° 05' 12.33716" N 102° 21' 08.72321" W

LAT/LONG
48° 05' 11.89587" N 102° 21' 08.77791" W
48° 05' 11.45123" N 102° 21' 08.82783" W
48° 05' 11.00746" N 102° 21' 08.87503" W
48° 05' 10.56528" N 102° 21' 08.92283" W
48° 05' 10.12599" N 102° 21' 08.97190" W
48° 05' 09.67988" N 102° 21' 09.02276" W
48° 05' 09.23726" N 102° 21' 09.07363" W
48° 05' 08.79434" N 102° 21' 09.12422" W
48° 05' 08.35022" N 102° 21' 09.17591" W
48° 05' 07.90690" N 102° 21' 09.22738" W
48° 05' 07.46407" N 102° 21' 09.27798" W
48° 05' 07.02239" N 102° 21' 09.33001" W
48° 05' 06.57778" N 102° 21' 09.37984" W
48° 05' 06.13521" N 102° 21' 09.42960" W
48° 05' 05.69133" N 102° 21' 09.47778" W
48° 05' 05.24811" N 102° 21' 09.52307" W
48° 05' 04.80543" N 102° 21' 09.56785" W
48° 05' 04.36286" N 102° 21' 09.61239" W
48° 05' 03.91934" N 102° 21' 09.66229" W
48° 05' 03.47707" N 102° 21' 09.71550" W
48° 05' 03.03582" N 102° 21' 09.77696" W
48° 05' 02.59084" N 102° 21' 09.82699" W
48° 05' 02.14829" N 102° 21' 09.88333" W
48° 05' 01.70727" N 102° 21' 09.93792" W

LAT/LONG
48° 04' 50.92094" N 102° 21' 10.32895" W
48° 04' 50.59501" N 102° 21' 10.32178" W
48° 04' 50.15059" N 102° 21' 10.32627" W
48° 04' 49.70673" N 102° 21' 10.34528" W
48° 04' 49.26300" N 102° 21' 10.35867" W
48° 04' 48.81747" N 102° 21' 10.36377" W
48° 04' 48.37320" N 102° 21' 10.36703" W
48° 04' 47.92912" N 102° 21' 10.37033" W
48° 04' 47.48470" N 102° 21' 10.36923" W
48° 04' 47.03944" N 102° 21' 10.36952" W
48° 04' 46.59519" N 102° 21' 10.36712" W
48° 04' 46.14967" N 102° 21' 10.38313" W
48° 04' 45.70573" N 102° 21' 10.37713" W
48° 04' 45.26334" N 102° 21' 10.38316" W
48° 04' 44.81801" N 102° 21' 10.38825" W
48° 04' 44.37299" N 102° 21' 10.39349" W
48° 04' 43.92775" N 102° 21' 10.38977" W
48° 04' 43.48390" N 102° 21' 10.38149" W
48° 04' 43.03964" N 102° 21' 10.38669" W
48° 04' 42.62325" N 102° 21' 10.38940" W
48° 04' 42.20583" N 102° 21' 10.40026" W
48° 04' 41.79210" N 102° 21' 10.39981" W
48° 04' 41.40179" N 102° 21' 10.40254" W
48° 04' 41.00633" N 102° 21' 10.40846" W

LAT/LONG
48° 04' 40.59067" N 102° 21' 10.41127" W
48° 04' 40.17626" N 102° 21' 10.40834" W
48° 04' 39.75938" N 102° 21' 10.40480" W
48° 04' 39.33897" N 102° 21' 10.39878" W
48° 04' 38.92381" N 102° 21' 10.39569" W
48° 04' 38.49933" N 102° 21' 10.39422" W
48° 04' 38.08512" N 102° 21' 10.39365" W
48° 04' 37.66919" N 102° 21' 10.39274" W
48° 04' 37.27219" N 102° 21' 10.39197" W
48° 04' 36.87715" N 102° 21' 10.38854" W
48° 04' 36.46194" N 102° 21' 10.39248" W
48° 04' 36.06150" N 102° 21' 10.42703" W
48° 04' 35.62492" N 102° 21' 10.40653" W
48° 04' 35.20046" N 102° 21' 10.41632" W
48° 04' 34.79022" N 102° 21' 10.42504" W
48° 04' 34.39730" N 102° 21' 10.42887" W
48° 04' 33.99704" N 102° 21' 10.43047" W
48° 04' 33.57965" N 102° 21' 10.43374" W
48° 04' 33.18614" N 102° 21' 10.43063" W
48° 04' 32.76346" N 102° 21' 10.42228" W
48° 04' 32.34938" N 102° 21' 10.41710" W
48° 04' 31.95372" N 102° 21' 10.41918" W
48° 04' 31.55658" N 102° 21' 10.41238" W
48° 04' 31.13189" N 102° 21' 10.40845" W

LAT/LONG
48° 04' 30.74669" N 102° 21' 10.40165" W
48° 04' 30.32834" N 102° 21' 10.39853" W
48° 04' 29.93523" N 102° 21' 10.40039" W
48° 04' 29.54480" N 102° 21' 10.40125" W
48° 04' 29.14025" N 102° 21' 10.40415" W
48° 04' 28.74827" N 102° 21' 10.40538" W
48° 04' 28.33649" N 102° 21' 10.40238" W
48° 04' 27.91786" N 102° 21' 10.39798" W
48° 04' 27.49767" N 102° 21' 10.39729" W
48° 04' 27.10605" N 102° 21' 10.40279" W
48° 04' 26.69057" N 102° 21' 10.40561" W
48° 04' 26.27704" N 102° 21' 10.40668" W
48° 04' 25.86287" N 102° 21' 10.39956" W
48° 04' 25.44424" N 102° 21' 10.39518" W
48° 04' 25.02904" N 102° 21' 10.38981" W
48° 04' 24.61376" N 102° 21' 10.42716" W
48° 04' 24.21537" N 102° 21' 10.40416" W
48° 04' 23.80117" N 102° 21' 10.40149" W
48° 04' 23.38969" N 102° 21' 10.40554" W
48° 04' 22.97544" N 102° 21' 10.40346" W
48° 04' 22.56023" N 102° 21' 10.40032" W
48° 04' 22.16540" N 102° 21' 10.40059" W
48° 04' 21.74772" N 102° 21' 10.42020" W
48° 04' 21.33356" N 102° 21' 10.40458" W

LAT/LONG
48° 04' 20.91799" N 102° 21' 10.40647" W
48° 04' 20.50379" N 102° 21' 10.39873" W
48° 04' 20.09183" N 102° 21' 10.39345" W
48° 04' 19.67722" N 102° 21' 10.38594" W
48° 04' 19.26159" N 102° 21' 10.38481" W
48° 04' 18.84547" N 102° 21' 10.38843" W
48° 04' 18.43091" N 102° 21' 10.39107" W
48° 04' 18.01591" N 102° 21' 10.39304" W
48° 04' 17.59893" N 102° 21' 10.39732" W
48° 04' 17.18245" N 102° 21' 10.39871" W
48° 04' 16.76806" N 102° 21' 10.40123" W
48° 04' 16.34780" N 102° 21' 10.42667" W
48° 04' 15.93923" N 102° 21' 10.33041" W
48° 04' 15.52756" N 102° 21' 10.21714" W
48° 04' 15.14254" N 102° 21' 10.04168" W
48° 04' 14.80697" N 102° 21' 09.73118" W
48° 04' 14.50155" N 102° 21' 09.33513" W
48° 04' 14.25086" N 102° 21' 08.86135" W
48° 04' 14.04489" N 102° 21' 08.32313" W
48° 04' 13.88176" N 102° 21' 07.75389" W
48° 04' 13.71558" N 102° 21' 07.18433" W
48° 04' 13.55726" N 102° 21' 06.62006" W
48° 04' 13.40235" N 102° 21' 06.04609" W
48° 04' 13.24527" N 102° 21' 05.47234" W

LAT/LONG
48° 04' 13.12106" N 102° 21' 05.06231" W
48° 04' 12.95899" N 102° 21' 04.51327" W
48° 04' 12.74586" N 102° 21' 04.08287" W
48° 04' 12.47336" N 102° 21' 03.61639" W
48° 04' 12.17804" N 102° 21' 03.17806" W
48° 04' 11.87794" N 102° 21' 02.75121" W
48° 04' 11.58086" N 102° 21' 02.31651" W
48° 04' 11.28488" N 102° 21' 01.88691" W
48° 04' 11.04034" N 102° 21' 01.51217" W
48° 04' 10.74511" N 102° 21' 01.07347" W
48° 04' 10.44622" N 102° 21' 00.64340" W
48° 04' 10.14087" N 102° 21' 00.22709" W
48° 04' 10.04214" N 102° 21' 00.10833" W
48° 04' 09.78912" N 102° 20' 59.88019" W
48° 04' 09.41182" N 102° 20' 59.61956" W
48° 04' 09.02992" N 102° 20' 59.37985" W
48° 04' 08.66493" N 102° 20' 59.15839" W
48° 04' 08.28024" N 102° 20' 58.92691" W
48° 04' 07.89303" N 102° 20' 58.69283" W
48° 04' 07.51180" N 102° 20' 58.45381" W
48° 04' 07.12846" N 102° 20' 58.21886" W
48° 04' 06.74511" N 102° 20' 57.98131" W
48° 04' 06.36115" N 102° 20' 57.74537" W
48° 04' 06.00612" N 102° 20' 57.52506" W

