



Company:	SRC		
Lease / Well:	KORI J 19-25		
County/Parish:	WELD 123		
State:	COLORADO		
Date:	8/16/2019		
Rig:	NA		
Surveyor:	SHON LANE		
Job Number:	8275-512323230		
Instrument Number:		Type:	MEMORY
Proposed Direction:	0	GL Elev:	4975
Magnetic Declination	9.61 EAST TO TRUE NORTH		
Calulation Method:	MINIMUM OF CURVATURE		
Log Measured From:	GL		

TIE-IN Coordinates

Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Coordinates	
				(+N/-S)	(+E/-W)
0	0.00	0.00	0.00	0.00	0.00

Directional Survey Report

Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Vertical Section	Coordinates (+N/-S)	Coordinates (+E/-W)	Dog-Leg / 100 ft.	Closure Distance	Closure Direction
100	0.17	352.21	100.00	0.15	0.15	-0.02	0.17	0.15	352.21°
200	0.40	292.37	200.00	0.43	0.43	-0.36	0.35	0.56	319.62°
300	0.48	221.74	300.00	0.25	0.25	-0.96	0.51	1.00	284.37°
400	0.13	144.96	400.00	-0.16	-0.16	-1.18	0.47	1.19	262.35°
500	0.28	232.47	499.99	-0.40	-0.40	-1.31	0.30	1.37	252.98°
600	0.90	210.71	599.99	-1.22	-1.22	-1.90	0.65	2.26	237.23°
700	0.54	208.71	699.98	-2.31	-2.31	-2.53	0.36	3.43	227.56°
800	0.72	237.99	799.98	-3.06	-3.06	-3.29	0.36	4.49	227.07°
900	1.00	239.94	899.96	-3.83	-3.83	-4.58	0.28	5.97	230.08°
1000	1.18	234.98	999.95	-4.86	-4.86	-6.18	0.20	7.86	231.81°
1100	1.42	231.59	1099.92	-6.22	-6.22	-7.99	0.25	10.12	232.11°
1200	1.27	225.81	1199.89	-7.76	-7.76	-9.75	0.20	12.46	231.50°
1300	1.11	234.57	1299.87	-9.09	-9.09	-11.34	0.24	14.53	231.27°
1400	1.13	237.12	1399.85	-10.19	-10.19	-12.96	0.05	16.48	231.81°
1500	1.13	239.73	1499.83	-11.22	-11.22	-14.64	0.05	18.44	232.52°
1600	1.16	244.16	1599.81	-12.16	-12.16	-16.40	0.09	20.42	233.44°
1700	1.08	253.61	1699.79	-12.87	-12.87	-18.21	0.20	22.30	234.76°
1800	1.05	254.05	1799.78	-13.39	-13.39	-20.00	0.03	24.07	236.20°
1900	0.97	259.35	1899.76	-13.79	-13.79	-21.71	0.12	25.72	237.57°
2000	0.43	305.17	1999.75	-13.73	-13.73	-22.85	0.74	26.66	238.99°
2100	0.35	17.51	2099.75	-13.23	-13.23	-23.06	0.46	26.59	240.17°
2200	0.87	66.80	2199.75	-12.64	-12.64	-22.28	0.69	25.61	240.43°
2300	0.85	67.24	2299.73	-12.05	-12.05	-20.89	0.02	24.12	240.02°
2400	0.84	65.37	2399.72	-11.46	-11.46	-19.54	0.03	22.65	239.62°
2500	0.71	63.26	2499.71	-10.87	-10.87	-18.32	0.13	21.31	239.31°
2600	0.74	65.34	2599.71	-10.33	-10.33	-17.18	0.04	20.05	239.00°
2700	0.53	138.22	2699.70	-10.40	-10.40	-16.29	0.77	19.33	237.44°
2800	0.63	175.67	2799.70	-11.29	-11.29	-15.94	0.38	19.53	234.68°
2900	0.56	176.25	2899.69	-12.33	-12.33	-15.87	0.07	20.09	232.15°
3000	0.29	195.89	2999.69	-13.06	-13.06	-15.90	0.30	20.58	230.60°
3100	0.12	268.50	3099.69	-13.31	-13.31	-16.08	0.28	20.87	230.38°
3200	0.39	246.05	3199.69	-13.45	-13.45	-16.49	0.28	21.28	230.80°
3300	0.38	249.72	3299.68	-13.70	-13.70	-17.11	0.03	21.92	231.32°
3400	0.47	243.88	3399.68	-14.00	-14.00	-17.79	0.10	22.64	231.81°
3500	0.51	245.20	3499.68	-14.36	-14.36	-18.57	0.04	23.47	232.27°
3600	0.60	231.66	3599.67	-14.88	-14.88	-19.38	0.16	24.43	232.49°
3700	0.86	180.45	3699.67	-15.95	-15.95	-19.80	0.67	25.42	231.14°
3800	1.15	183.59	3799.65	-17.70	-17.70	-19.87	0.30	26.61	228.29°
3900	1.60	184.65	3899.62	-20.10	-20.10	-20.04	0.45	28.38	224.92°
4000	1.70	182.39	3999.58	-22.97	-22.97	-20.22	0.12	30.60	221.35°
4100	1.76	187.27	4099.54	-25.97	-25.97	-20.47	0.16	33.07	218.24°
4200	1.88	182.01	4199.48	-29.14	-29.14	-20.72	0.21	35.76	215.42°
4300	1.44	184.12	4299.44	-32.03	-32.03	-20.87	0.44	38.23	213.09°
4400	0.70	198.82	4399.42	-33.86	-33.86	-21.16	0.78	39.93	212.00°
4500	0.56	235.45	4499.42	-34.72	-34.72	-21.76	0.42	40.97	212.08°
4600	0.54	290.98	4599.41	-34.83	-34.83	-22.60	0.51	41.52	212.98°
4700	0.69	294.96	4699.41	-34.40	-34.40	-23.59	0.16	41.71	214.44°
4800	0.99	299.34	4799.40	-33.73	-33.73	-24.89	0.31	41.91	216.42°

Directional Survey Report									
Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Vertical Section	Coordinates (+N/-S) (+E/-W)		Dog-Leg / 100 ft.	Closure Distance	Closure Direction
4900	1.98	294.29	4899.36	-32.59	-32.59	-27.21	1.00	42.46	219.86°
5000	1.63	253.36	4999.32	-32.29	-32.29	-30.15	1.30	44.18	223.04°
5100	1.39	266.55	5099.28	-32.77	-32.77	-32.73	0.42	46.31	224.96°
5200	1.21	266.62	5199.26	-32.90	-32.90	-34.99	0.18	48.03	226.76°
5300	1.03	275.96	5299.24	-32.87	-32.87	-36.94	0.26	49.45	228.33°
5400	0.90	286.88	5399.22	-32.55	-32.55	-38.58	0.22	50.48	229.85°
5500	0.81	305.26	5499.21	-31.91	-31.91	-39.91	0.29	51.10	231.35°
5600	0.73	317.11	5599.20	-31.04	-31.04	-40.92	0.18	51.36	232.82°
5700	0.81	341.51	5699.20	-29.90	-29.90	-41.58	0.33	51.22	234.28°
5800	0.88	355.68	5799.18	-28.47	-28.47	-41.86	0.22	50.62	235.78°
5900	0.63	358.23	5899.18	-27.15	-27.15	-41.94	0.25	49.96	237.08°
6000	0.65	329.13	5999.17	-26.12	-26.12	-42.25	0.32	49.67	238.28°
6100	0.93	321.19	6099.16	-25.00	-25.00	-43.05	0.30	49.78	239.86°
6200	1.21	325.31	6199.14	-23.50	-23.50	-44.15	0.29	50.02	241.98°
6300	1.21	339.05	6299.12	-21.64	-21.64	-45.13	0.29	50.05	244.38°
6400	1.26	338.19	6399.10	-19.63	-19.63	-45.92	0.05	49.94	246.85°
6500	1.18	328.10	6499.08	-17.74	-17.74	-46.87	0.23	50.12	249.27°
6600	1.32	321.31	6599.05	-15.97	-15.97	-48.14	0.20	50.71	251.65°
6700	1.52	313.79	6699.02	-14.15	-14.15	-49.81	0.27	51.78	254.14°
6800	1.52	311.92	6798.99	-12.35	-12.35	-51.76	0.05	53.21	256.58°
6900	1.78	304.80	6898.94	-10.57	-10.57	-54.02	0.33	55.04	258.93°
7000	2.05	297.93	6998.89	-8.85	-8.85	-56.88	0.35	57.56	261.16°
7100	2.40	300.48	7098.81	-6.95	-6.95	-60.26	0.36	60.66	263.42°

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