



SUMMIT
SLICKLINE INC.

Company: BAYSWATER
Lease / Well: CHANDLER #1
County/Parish: WELD 123
State: COLORADO
Date: 9/30/2015
Rig: NA
Surveyor: SHON LANE
Job Number: 1887-0512311401
Instrument Number: 3123 **Type:** MEMORY
Proposed Direction: 0 **GL Elev:** 4956
Magnetic Declination 9.87 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	0.23	241.50	100.00	-0.10	-0.10	-0.18	0.23	0.20	241.50°
200	0.51	177.45	200.00	-0.64	-0.64	-0.33	0.46	0.72	207.63°
300	1.01	112.17	299.99	-1.41	-1.41	0.50	0.92	1.50	160.41°
400	1.36	128.10	399.97	-2.48	-2.48	2.25	0.48	3.35	137.72°
500	1.14	133.68	499.95	-3.90	-3.90	3.91	0.25	5.52	134.93°
600	1.38	116.13	599.92	-5.11	-5.11	5.71	0.45	7.66	131.87°
700	1.11	121.21	699.90	-6.15	-6.15	7.62	0.29	9.79	128.91°
800	1.19	128.19	799.88	-7.29	-7.29	9.26	0.16	11.79	128.21°
900	1.54	110.22	899.85	-8.40	-8.40	11.34	0.55	14.11	126.53°
1000	1.64	112.50	999.81	-9.41	-9.41	13.92	0.12	16.80	124.06°
1100	1.73	116.83	1099.77	-10.64	-10.64	16.59	0.16	19.71	122.67°
1200	1.78	125.98	1199.72	-12.23	-12.23	19.19	0.28	22.76	122.51°
1300	1.72	141.17	1299.67	-14.31	-14.31	21.39	0.47	25.74	123.79°
1400	1.73	152.68	1399.63	-16.82	-16.82	23.03	0.35	28.52	126.15°
1500	1.79	162.16	1499.58	-19.65	-19.65	24.20	0.30	31.17	129.08°
1600	1.97	158.55	1599.53	-22.74	-22.74	25.30	0.22	34.02	131.94°
1700	2.42	164.27	1699.46	-26.37	-26.37	26.50	0.50	37.39	134.85°
1800	2.68	177.32	1799.36	-30.74	-30.74	27.19	0.63	41.04	138.51°
1900	2.92	189.45	1899.24	-35.59	-35.59	26.88	0.64	44.60	142.94°
2000	2.95	195.19	1999.11	-40.58	-40.58	25.79	0.30	48.08	147.57°
2100	2.73	199.28	2098.99	-45.31	-45.31	24.32	0.30	51.43	151.77°
2200	2.21	200.79	2198.89	-49.36	-49.36	22.85	0.52	54.40	155.16°
2300	1.55	204.51	2298.84	-52.40	-52.40	21.61	0.67	56.68	157.59°
2400	1.05	206.89	2398.81	-54.44	-54.44	20.63	0.50	58.22	159.24°
2500	0.80	210.96	2498.80	-55.86	-55.86	19.86	0.26	59.29	160.43°
2600	0.83	209.47	2598.79	-57.09	-57.09	19.14	0.04	60.21	161.46°
2700	0.44	215.86	2698.78	-58.03	-58.03	18.56	0.40	60.93	162.26°
2800	0.33	223.32	2798.78	-58.55	-58.55	18.14	0.12	61.30	162.79°
2900	0.15	228.91	2898.78	-58.85	-58.85	17.84	0.18	61.49	163.13°
3000	0.19	54.97	2998.78	-58.84	-58.84	17.88	0.34	61.50	163.10°
3100	0.20	97.06	3098.78	-58.76	-58.76	18.19	0.14	61.52	162.80°
3200	0.31	136.49	3198.78	-58.98	-58.98	18.55	0.20	61.83	162.54°
3300	0.44	324.91	3298.78	-58.86	-58.86	18.51	0.75	61.71	162.54°
3400	0.72	220.12	3398.77	-59.03	-59.03	17.89	0.93	61.68	163.14°
3500	0.99	258.13	3498.76	-59.69	-59.69	16.64	0.61	61.96	164.42°
3600	1.45	273.85	3598.74	-59.78	-59.78	14.53	0.56	61.52	166.34°
3700	1.70	277.19	3698.70	-59.51	-59.51	11.80	0.27	60.67	168.79°
3800	1.67	278.43	3798.66	-59.11	-59.11	8.88	0.05	59.78	171.45°
3900	1.65	276.38	3898.62	-58.74	-58.74	6.01	0.06	59.04	174.16°
4000	1.44	268.31	3998.58	-58.61	-58.61	3.33	0.30	58.71	176.75°
4100	1.56	249.13	4098.55	-59.14	-59.14	0.80	0.51	59.14	179.23°
4200	1.57	229.36	4198.51	-60.51	-60.51	-1.51	0.54	60.53	181.43°
4300	1.46	211.93	4298.48	-62.49	-62.49	-3.23	0.47	62.57	182.96°
4400	1.49	206.50	4398.44	-64.73	-64.73	-4.48	0.14	64.89	183.96°
4500	1.83	210.73	4498.40	-67.27	-67.27	-5.88	0.36	67.52	184.99°
4600	1.95	182.14	4598.35	-70.34	-70.34	-6.76	0.94	70.66	185.49°
4700	2.03	179.18	4698.29	-73.81	-73.81	-6.79	0.13	74.12	185.26°
4800	1.90	176.92	4798.23	-77.24	-77.24	-6.68	0.15	77.53	184.94°

Directional Survey Report									
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4900	1.76	174.75	4898.18	-80.42	-80.42	-6.45	0.16	80.68	184.59°
5000	1.49	174.02	4998.14	-83.25	-83.25	-6.17	0.27	83.47	184.24°
5100	1.21	171.78	5098.11	-85.58	-85.58	-5.89	0.28	85.79	183.94°
5200	1.17	165.81	5198.09	-87.62	-87.62	-5.49	0.13	87.79	183.58°
5300	1.09	164.76	5298.07	-89.53	-89.53	-4.99	0.08	89.66	183.19°
5400	1.03	160.72	5398.05	-91.29	-91.29	-4.44	0.10	91.40	182.78°
5500	1.45	157.40	5498.03	-93.31	-93.31	-3.66	0.43	93.38	182.24°
5600	1.74	156.27	5597.99	-95.87	-95.87	-2.56	0.29	95.90	181.53°
5700	1.97	173.75	5697.94	-98.96	-98.96	-1.76	0.61	98.98	181.02°
5800	1.98	173.55	5797.88	-102.39	-102.39	-1.38	0.01	102.40	180.77°
5900	1.86	168.35	5897.82	-105.70	-105.70	-0.86	0.21	105.70	180.47°
6000	1.65	161.87	5997.78	-108.65	-108.65	-0.08	0.29	108.65	180.04°
6100	1.88	190.11	6097.73	-111.64	-111.64	0.08	0.89	111.64	179.96°
6200	1.76	200.10	6197.68	-114.69	-114.69	-0.74	0.34	114.70	180.37°
6300	1.47	196.17	6297.64	-117.37	-117.37	-1.62	0.31	117.38	180.79°
6400	1.46	189.76	6397.61	-119.85	-119.85	-2.20	0.16	119.88	181.05°
6500	1.37	185.91	6497.58	-122.30	-122.30	-2.54	0.13	122.33	181.19°
6600	1.35	183.98	6597.55	-124.66	-124.66	-2.74	0.05	124.69	181.26°
6700	1.85	200.11	6697.51	-127.35	-127.35	-3.38	0.67	127.40	181.52°
6800	2.01	213.17	6797.45	-130.34	-130.34	-4.89	0.47	130.43	182.15°
6900	1.90	231.73	6897.40	-132.83	-132.83	-7.15	0.64	133.03	183.08°
7000	1.60	249.83	6997.35	-134.34	-134.34	-9.77	0.63	134.70	184.16°
7100	1.65	266.51	7097.31	-134.91	-134.91	-12.51	0.47	135.49	185.30°
7200	1.47	272.28	7197.27	-134.95	-134.95	-15.23	0.24	135.80	186.44°

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