



# Crestone Peak Resources

Schlumberger

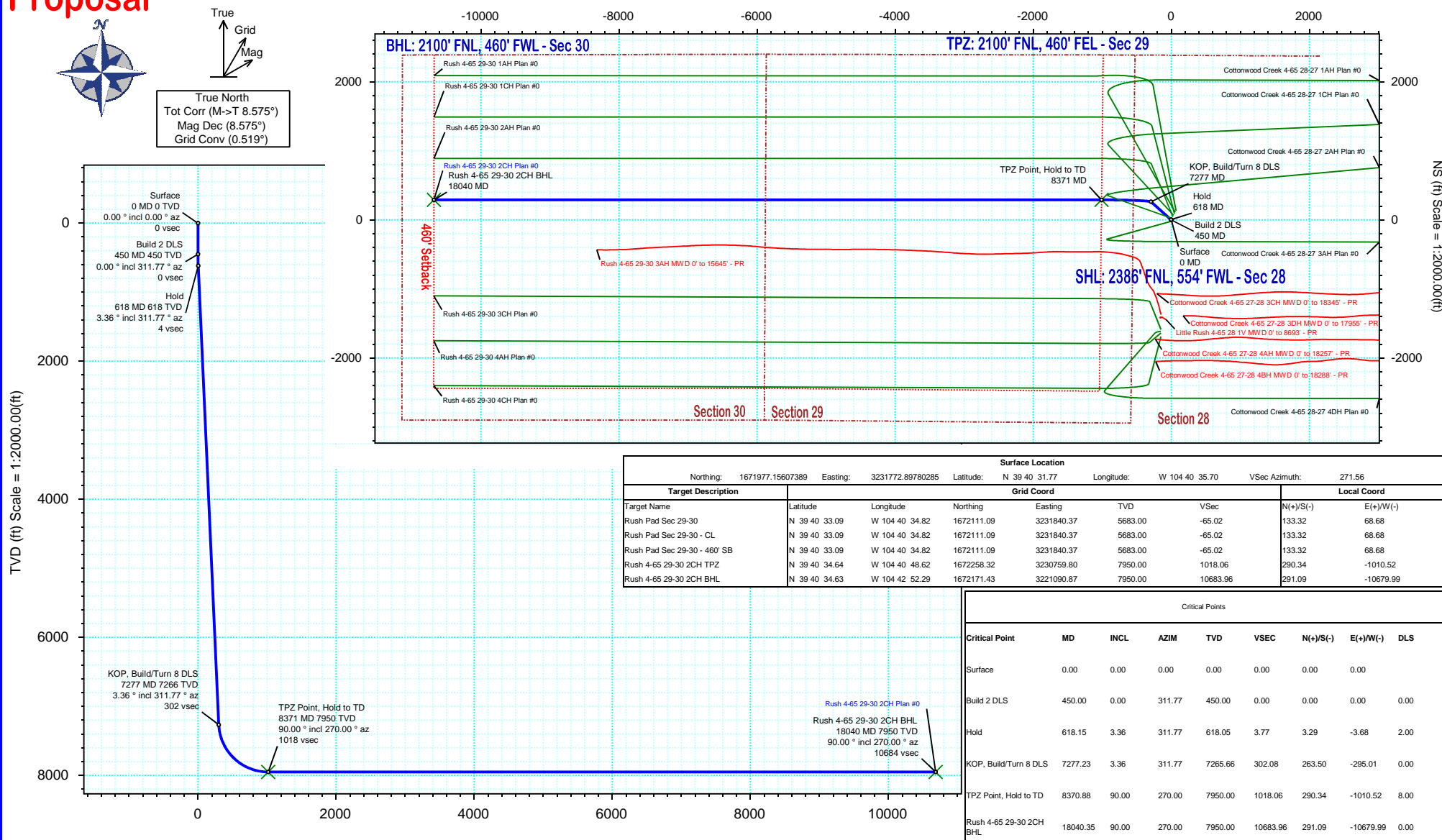
Plan 0

Borehole:	Well:	Field:	Structure:
Original Hole	Rush 4-65 29-30 2CH	CO, Arapahoe County (NAD 83 CZ)	Crestone Peak 28-04S-65W (Rush North Pad)

Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model:	HDGM 2020	Dip:	66.345°	Date:	22-Jun-2020	Lat:	N 39 40 31.77	Northing:	1671977.16ftUS	Grid Conv:	0.5193°
MagDec:	8.575°	FS:	51550.444nT	Gravity FS:	998.914mgm (9.80665 Based)	Lon:	W 104 40 35.70	Easting:	3231772.9ftUS	Scale Fact:	0.99998611
								Slot:	Rush 4-65 29-30 2CH	TVD Ref:	KB 28ft(5683ft above MSL)
								Plan:	Rush 4-65 29-30 2CH Plan #0		

Proposal

EW (ft) Scale = 1:2000.00(ft)



Vertical Section (ft) Azim = 271.56° Scale = 1:2000.00(ft) Origin = 0N/-S, 0E/-W

## Rush 4-65 29-30 2CH Plan #0 Proposal Geodetic Report

(Def Plan)

<b>Report Date:</b>	June 23, 2020 - 03:53 PM	<b>Survey / DLS Computation:</b>	Minimum Curvature / Lubinski
<b>Client:</b>	Crestone Peak Resources	<b>Vertical Section Azimuth:</b>	271.561 ° (True North)
<b>Field:</b>	CO, Arapahoe County (NAD 83 CZ)	<b>Vertical Section Origin:</b>	0.000 ft, 0.000 ft
<b>Structure / Slot:</b>	Crestone Peak 28-04S-65W (Rush North Pad) / Rush 4-65 29-30 2CH	<b>TVD Reference Datum:</b>	KB 28ft
<b>Well:</b>	Rush 4-65 29-30 2CH	<b>TVD Reference Elevation:</b>	5683.000 ft above MSL
<b>Borehole:</b>	Original Hole	<b>Seabed / Ground Elevation:</b>	5655.000 ft above MSL
<b>UWI / API#:</b>	Unknown / Unknown	<b>Magnetic Declination:</b>	8.575 °
<b>Survey Name:</b>	Rush 4-65 29-30 2CH Plan #0	<b>Total Gravity Field Strength:</b>	998.9144mgn (9.80665 Based)
<b>Survey Date:</b>	June 22, 2020	<b>Gravity Model:</b>	GARM
<b>Tort / AHD / DDI / ERD Ratio:</b>	90.855 ° / 10782.039 ft / 6.347 / 1.356	<b>Total Magnetic Field Strength:</b>	51550.444 nT
<b>Coordinate Reference System:</b>	NAD83 Colorado State Plane, Central Zone, US Feet	<b>Magnetic Dip Angle:</b>	66.345 °
<b>Location Lat / Long:</b>	N 39° 40' 31.77120", W 104° 40' 35.69880"	<b>Declination Date:</b>	June 22, 2020
<b>Location Grid N/E Y/X:</b>	N 1671977.156 ftUS, E 3231772.898 ftUS	<b>Magnetic Declination Model:</b>	HDGM 2020
<b>CRS Grid Convergence Angle:</b>	0.5193 °	<b>North Reference:</b>	True North
<b>Grid Scale Factor:</b>	0.99998611	<b>Grid Convergence Used:</b>	0.0000 °
<b>Version / Patch:</b>	2.10.810.1	<b>Total Corr Mag North-&gt;True North:</b>	8.5749 °
		<b>Local Coord Referenced To:</b>	Well Head

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1671977.16	3231772.90	39.675492	-104.676583
	100.00	0.00	311.77	100.00	0.00	0.00	0.00	0.00	1671977.16	3231772.90	39.675492	-104.676583
	200.00	0.00	311.77	200.00	0.00	0.00	0.00	0.00	1671977.16	3231772.90	39.675492	-104.676583
	300.00	0.00	311.77	300.00	0.00	0.00	0.00	0.00	1671977.16	3231772.90	39.675492	-104.676583
	400.00	0.00	311.77	400.00	0.00	0.00	0.00	0.00	1671977.16	3231772.90	39.675492	-104.676583
Build 2 DLS	450.00	0.00	311.77	450.00	0.00	0.00	0.00	0.00	1671977.16	3231772.90	39.675492	-104.676583
	500.00	1.00	311.77	500.00	0.33	0.29	-0.33	2.00	1671977.44	3231772.57	39.675493	-104.676584
	600.00	3.00	311.77	599.93	3.00	2.62	-2.93	2.00	1671979.74	3231769.95	39.675499	-104.676593
Hold	618.15	3.36	311.77	618.05	3.77	3.29	-3.68	2.00	1671980.41	3231769.19	39.675501	-104.676596
	700.00	3.36	311.77	699.76	7.43	6.48	-7.26	0.00	1671983.57	3231765.58	39.675510	-104.676609
	800.00	3.36	311.77	799.59	11.91	10.39	-11.64	0.00	1671987.44	3231761.17	39.675521	-104.676624
	900.00	3.36	311.77	899.42	16.39	14.30	-16.01	0.00	1671991.31	3231756.76	39.675531	-104.676640
	1000.00	3.36	311.77	999.25	20.87	18.21	-20.39	0.00	1671995.18	3231752.35	39.675542	-104.676655
	1100.00	3.36	311.77	1099.07	25.35	22.12	-24.76	0.00	1671999.05	3231747.94	39.675553	-104.676671
	1200.00	3.36	311.77	1198.90	29.83	26.02	-29.14	0.00	1672002.91	3231743.53	39.675563	-104.676687
	1300.00	3.36	311.77	1298.73	34.31	29.93	-33.51	0.00	1672006.78	3231739.12	39.675574	-104.676702
	1400.00	3.36	311.77	1398.56	38.79	33.84	-37.89	0.00	1672010.65	3231734.71	39.675585	-104.676718
	1500.00	3.36	311.77	1498.38	43.27	37.75	-42.26	0.00	1672014.52	3231730.30	39.675596	-104.676733
	1600.00	3.36	311.77	1598.21	47.75	41.65	-46.63	0.00	1672018.38	3231725.89	39.675606	-104.676749
	1700.00	3.36	311.77	1698.04	52.23	45.56	-51.01	0.00	1672022.25	3231721.48	39.675617	-104.676764
	1800.00	3.36	311.77	1797.87	56.71	49.47	-55.38	0.00	1672026.12	3231717.07	39.675628	-104.676780
	1900.00	3.36	311.77	1897.70	61.19	53.38	-59.76	0.00	1672029.99	3231712.66	39.675639	-104.676795
	2000.00	3.36	311.77	1997.52	65.67	57.28	-64.13	0.00	1672033.86	3231708.25	39.675649	-104.676811
	2100.00	3.36	311.77	2097.35	70.15	61.19	-68.51	0.00	1672037.72	3231703.84	39.675660	-104.676826
	2200.00	3.36	311.77	2197.18	74.63	65.10	-72.88	0.00	1672041.59	3231699.43	39.675671	-104.676842
	2300.00	3.36	311.77	2297.01	79.11	69.01	-77.26	0.00	1672045.46	3231695.02	39.675681	-104.676857
	2400.00	3.36	311.77	2396.84	83.59	72.91	-81.63	0.00	1672049.33	3231690.61	39.675692	-104.676873
	2500.00	3.36	311.77	2496.66	88.07	76.82	-86.01	0.00	1672053.19	3231686.20	39.675703	-104.676889
	2600.00	3.36	311.77	2596.49	92.55	80.73	-90.38	0.00	1672057.06	3231681.79	39.675714	-104.676904
	2700.00	3.36	311.77	2696.32	97.03	84.64	-94.76	0.00	1672060.93	3231677.38	39.675724	-104.676920
	2800.00	3.36	311.77	2796.15	101.51	88.55	-99.13	0.00	1672064.80	3231672.97	39.675735	-104.676935
	2900.00	3.36	311.77	2895.97	105.99	92.45	-103.51	0.00	1672068.67	3231668.56	39.675746	-104.676951
	3000.00	3.36	311.77	2995.80	110.47	96.36	-107.88	0.00	1672072.53	3231664.15	39.675757	-104.676966
	3100.00	3.36	311.77	3095.63	114.95	100.27	-112.26	0.00	1672076.40	3231659.74	39.675767	-104.676982
	3200.00	3.36	311.77	3195.46	119.43	104.18	-116.63	0.00	1672080.27	3231655.33	39.675778	-104.676997
	3300.00	3.36	311.77	3295.29	123.91	108.08	-121.01	0.00	1672084.14	3231650.92	39.675789	-104.677013
	3400.00	3.36	311.77	3395.11	128.39	111.99	-125.38	0.00	1672088.00	3231646.51	39.675799	-104.677028
	3500.00	3.36	311.77	3494.94	132.87	115.90	-129.76	0.00	1672091.87	3231642.10	39.675810	-104.677044
	3600.00	3.36	311.77	3594.77	137.35	119.81	-134.13	0.00	1672095.74	3231637.69	39.675821	-104.677060
	3700.00	3.36	311.77	3694.60	141.83	123.71	-138.51	0.00	1672099.61	3231633.28	39.675832	-104.677075
	3800.00	3.36	311.77	3794.42	146.31	127.62	-142.88	0.00	1672103.48	3231628.87	39.675842	-104.677091
	3900.00	3.36	311.77	3894.25	150.79	131.53	-147.26	0.00	1672107.34	3231624.46	39.675853	-104.677106
	4000.00	3.36	311.77	3994.08	155.27	135.44	-151.63	0.00	1672111.21	3231620.04	39.675864	-104.677122
	4100.00	3.36	311.77	4093.91	159.75	139.34	-156.01	0.00	1672115.08	3231615.63	39.675875	-104.677137
	4200.00	3.36	311.77	4193.74	164.23	143.25	-160.38	0.00	1672118.95	3231611.22	39.675885	-104.677153
	4300.00	3.36	311.77	4293.56	168.71	147.16	-164.76	0.00	1672122.81	3231606.81	39.675896	-104.677168
	4400.00	3.36	311.77	4393.39	173.19	151.07	-169.13	0.00	1672126.68	3231602.40	39.675907	-104.677184
	4500.00	3.36	311.77	4493.22	177.67	154.98	-173.51	0.00	1672130.55	3231597.99	39.675917	-104.677199
	4600.00	3.36	311.77	4593.05	182.15	158.88	-177.88	0.00	1672134.42	3231593.58	39.675928	-104.677215
	4700.00	3.36	311.77	4692.87	186.63	162.79	-182.26	0.00	1672138.29	3231589.17	39.675939	-104.677230
	4800.00	3.36	311.77	4792.70	191.11	166.70	-186.63	0.00	1672142.15	3231584.76	39.675950	-104.677246
	4900.00	3.36	311.77	4892.53	195.59	170.61	-191.01	0.00	1672146.02	3231580.35	39.675960	-104.677262
	5000.00	3.36	311.77	4992.36	200.07	174.51	-195.38	0.00	1672149.89	3231575.94	39.675971	-104.677277
	5100.00	3.36	311.77	5092.19	204.55	178.42	-199.76	0.00	1672153.76	3231571.53	39.675982	-104.677293
	5200.00	3.36	311.77	5192.01	209.03	182.33	-204.13	0.00	1672157.62	3231567.12	39.675993	-104.677308
	5300.00	3.36	311.77	5291.84	213.51	186.24	-208.51	0.00	1672161.49	3231562.71	39.676003	-104.677324
	5400.00	3.36	311.77	5391.67	217.99	190.14	-212.88	0.00	1672165.36	3231558.30	39.676014	-104.677339
	5500.00	3.36	311.77	5491.50	222.46	194.05	-217.26	0.00	1672169.23	3231553.89	39.676025	-104.677355
	5600.00	3.36	311.77	5591.32	226.94	197.96	-221.63	0.00	1672173.10	3231549.48	39.676035	-104.677370
	5700.00	3.36	311.77	5691.15	231.42	201.87	-226.01	0.00	1672176.96	3231545.07	39.676046	-104.677386
	5800.00	3.36	311.77	5790.98	235.90	205.77	-230.38	0.00	1672180.83	3231540.66	39.676057	-104.677401
	5900.00	3.36	311.77	5890.81	240.38	209.68	-234.76	0.00	1672184.70	3231536.25	39.676068	-104.677417
	6000.00	3.36	311.77	5990.64	244.86	213.59	-239.13	0.00	1672188.57	3231531.84	39.676078	-104.677433
	6100.00	3.36	311.77	6090.46	249.34	217.50	-243.51	0.00	1672192.43	3231527.43	39.676089	-104.677448
	6200.00	3.36	311.77	6190.29	253.82	221.41	-247.88	0.00	1672196.30	3231523.02	39.676100	-104.677464
	6300.00	3.36	311.77	6290.12	258.30	225.31	-252.26	0.00	1672200.17	3231518.61	39.676111	-104.677479
	6400.00	3.36	311.77	6389.95	262.78	229.22	-256.63	0.00	1672204.04	3231514.20	39.676121	-104.677495
	6500.00	3.36	311.77	6489.78	267.26	233.13	-261.01	0.00	1672207.91	3231509.79	39.676132	-104.677510
	6600.00	3.36	311.77	6589.60	271.74	237.04	-265.38	0.00	1672211.77	3231505.38	39.676143	-104.677526
	6700.00	3.36	311.77	6689.43	276.22	240.94	-269.76	0.00	1672215.64	3231500.97	39.676153	-104.677541
	6800.00	3.36	311.77	6789.26	280.70	244.85	-274.13	0.00	1672219.51	3231496.56	39.676164	-104.677557
	6900.00	3.36	311.77	6889.09	285.18	248.76	-278.51	0.00	1672223.38	3231492.15	39.676175	-104.677572
	7000.00	3.36	311.77	6988.91	289.66	252.67	-282.88	0.00	1672227.24	3231487.74	39.676186	-104.677588
	7100.00	3.36	311.77	7088.74	294.14	256.57	-287.26	0.00	1672231.11	3231483.33	39.676196	-104.677604
	7200.00	3.36	311.77	7188.57	298.62	260.48	-291.63	0.00	1672234.98	3231478.92	39.676207	-104.677619
KOP_Build/Turn ROI S	7277.23	3.36	311.77	7265.66	302.08	263.50	-295.01	0.00	1672237.97	3231475.52	39.676215	-104.677631

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	7300.00	4.87	297.32	7288.38	303.46	264.39	-296.37	8.00	1672238.84	3231474.15	39.676218	-104.677636
	7400.00	12.53	280.15	7387.17	318.04	268.26	-310.84	8.00	1672242.58	3231459.64	39.676228	-104.677687
	7500.00	20.45	276.03	7482.98	346.22	272.01	-338.94	8.00	1672246.08	3231431.51	39.676239	-104.677787
	7600.00	28.41	274.15	7573.96	387.47	275.57	-380.10	8.00	1672249.27	3231390.32	39.676249	-104.677933
	7700.00	36.39	273.05	7658.32	440.97	278.88	-433.54	8.00	1672252.09	3231336.86	39.676258	-104.678123
	7800.00	44.37	272.30	7734.44	505.70	281.86	-498.20	8.00	1672254.49	3231272.17	39.676266	-104.678353
	7900.00	52.36	271.73	7800.82	580.38	284.47	-572.84	8.00	1672256.41	3231197.51	39.676273	-104.678618
	8000.00	60.35	271.28	7856.17	663.56	286.64	-656.00	8.00	1672257.83	3231114.34	39.676279	-104.678914
	8100.00	68.35	270.89	7899.42	753.63	288.34	-746.05	8.00	1672258.72	3231024.27	39.676284	-104.679233
	8200.00	76.34	270.55	7929.73	848.83	289.53	-841.26	8.00	1672259.05	3230929.06	39.676287	-104.679522
	8300.00	84.33	270.23	7946.50	947.31	290.20	-939.76	8.00	1672258.82	3230830.56	39.676289	-104.679922
TPZ Point, Hold to TD	8370.88	90.00	270.00	7950.00	1018.06	290.34	-1010.52	8.00	1672258.32	3230759.80	39.676289	-104.680173
	8400.00	90.00	270.00	7950.00	1047.17	290.34	-1039.64	0.00	1672258.06	3230730.68	39.676289	-104.680276
	8500.00	90.00	270.00	7950.00	1147.13	290.35	-1139.64	0.00	1672257.16	3230630.69	39.676289	-104.680632
	8600.00	90.00	270.00	7950.00	1247.09	290.36	-1239.64	0.00	1672256.26	3230530.70	39.676289	-104.680987
	8700.00	90.00	270.00	7950.00	1347.05	290.37	-1339.64	0.00	1672255.36	3230430.70	39.676289	-104.681342
	8800.00	90.00	270.00	7950.00	1447.02	290.37	-1439.64	0.00	1672254.46	3230330.71	39.676289	-104.681698
	8900.00	90.00	270.00	7950.00	1546.98	290.38	-1539.64	0.00	1672253.57	3230230.71	39.676289	-104.682053
	9000.00	90.00	270.00	7950.00	1646.94	290.39	-1639.64	0.00	1672252.67	3230130.72	39.676289	-104.682408
	9100.00	90.00	270.00	7950.00	1746.91	290.40	-1739.64	0.00	1672251.77	3230030.72	39.676289	-104.682763
	9200.00	90.00	270.00	7950.00	1846.87	290.40	-1839.64	0.00	1672250.87	3229930.73	39.676289	-104.683119
	9300.00	90.00	270.00	7950.00	1946.83	290.41	-1939.64	0.00	1672249.97	3229830.74	39.676289	-104.683474
	9400.00	90.00	270.00	7950.00	2046.80	290.42	-2039.64	0.00	1672249.07	3229730.74	39.676289	-104.683829
	9500.00	90.00	270.00	7950.00	2146.76	290.43	-2139.64	0.00	1672248.18	3229630.75	39.676289	-104.684184
	9600.00	90.00	270.00	7950.00	2246.72	290.44	-2239.64	0.00	1672247.28	3229530.75	39.676289	-104.684540
	9700.00	90.00	270.00	7950.00	2346.69	290.44	-2339.64	0.00	1672246.38	3229430.76	39.676289	-104.684895
	9800.00	90.00	270.00	7950.00	2446.65	290.45	-2439.64	0.00	1672245.48	3229330.76	39.676289	-104.685250
	9900.00	90.00	270.00	7950.00	2546.61	290.46	-2539.64	0.00	1672244.58	3229230.77	39.676289	-104.685605
	10000.00	90.00	270.00	7950.00	2646.57	290.47	-2639.64	0.00	1672243.68	3229130.77	39.676289	-104.685961
	10100.00	90.00	270.00	7950.00	2746.54	290.48	-2739.64	0.00	1672242.78	3229030.78	39.676289	-104.686316
	10200.00	90.00	270.00	7950.00	2846.50	290.48	-2839.64	0.00	1672241.89	3228930.79	39.676289	-104.686671
	10300.00	90.00	270.00	7950.00	2946.46	290.49	-2939.64	0.00	1672240.99	3228830.79	39.676289	-104.687026
	10400.00	90.00	270.00	7950.00	3046.43	290.50	-3039.64	0.00	1672240.09	3228730.80	39.676289	-104.687382
	10500.00	90.00	270.00	7950.00	3146.39	290.51	-3139.64	0.00	1672239.19	3228630.80	39.676289	-104.687737
	10600.00	90.00	270.00	7950.00	3246.35	290.51	-3239.64	0.00	1672238.29	3228530.81	39.676289	-104.688092
	10700.00	90.00	270.00	7950.00	3346.32	290.52	-3339.64	0.00	1672237.39	3228430.81	39.676289	-104.688447
	10800.00	90.00	270.00	7950.00	3446.28	290.53	-3439.64	0.00	1672236.49	3228330.82	39.676289	-104.688803
	10900.00	90.00	270.00	7950.00	3546.24	290.54	-3539.64	0.00	1672235.60	3228230.83	39.676289	-104.689158
	11000.00	90.00	270.00	7950.00	3646.21	290.55	-3639.64	0.00	1672234.70	3228130.83	39.676289	-104.689513
	11100.00	90.00	270.00	7950.00	3746.17	290.55	-3739.64	0.00	1672233.80	3228030.84	39.676289	-104.689869
	11200.00	90.00	270.00	7950.00	3846.13	290.56	-3839.64	0.00	1672232.90	3227930.84	39.676289	-104.690224
	11300.00	90.00	270.00	7950.00	3946.09	290.57	-3939.64	0.00	1672232.00	3227830.85	39.676289	-104.690579
	11400.00	90.00	270.00	7950.00	4046.06	290.58	-4039.64	0.00	1672231.10	3227730.85	39.676289	-104.690934
	11500.00	90.00	270.00	7950.00	4146.02	290.58	-4139.64	0.00	1672230.20	3227630.86	39.676289	-104.691290
	11600.00	90.00	270.00	7950.00	4245.98	290.59	-4239.64	0.00	1672229.31	3227530.86	39.676289	-104.691645
	11700.00	90.00	270.00	7950.00	4345.95	290.60	-4339.64	0.00	1672228.41	3227430.87	39.676289	-104.692000
	11800.00	90.00	270.00	7950.00	4445.91	290.61	-4439.64	0.00	1672227.51	3227330.88	39.676289	-104.692355
	11900.00	90.00	270.00	7950.00	4545.87	290.62	-4539.64	0.00	1672226.61	3227230.88	39.676289	-104.692711
	12000.00	90.00	270.00	7950.00	4645.84	290.62	-4639.64	0.00	1672225.71	3227130.89	39.676289	-104.693066
	12100.00	90.00	270.00	7950.00	4745.80	290.63	-4739.64	0.00	1672224.81	3227030.89	39.676289	-104.693421
	12200.00	90.00	270.00	7950.00	4845.76	290.64	-4839.64	0.00	1672223.91	3226930.90	39.676289	-104.693776
	12300.00	90.00	270.00	7950.00	4945.73	290.65	-4939.64	0.00	1672223.02	3226830.90	39.676289	-104.694132
	12400.00	90.00	270.00	7950.00	5045.69	290.65	-5039.64	0.00	1672222.12	3226730.91	39.676289	-104.694487
	12500.00	90.00	270.00	7950.00	5145.65	290.66	-5139.64	0.00	1672221.22	3226630.92	39.676289	-104.694842
	12600.00	90.00	270.00	7950.00	5245.61	290.67	-5239.64	0.00	1672220.32	3226530.92	39.676288	-104.695197
	12700.00	90.00	270.00	7950.00	5345.58	290.68	-5339.64	0.00	1672219.42	3226430.93	39.676288	-104.695553
	12800.00	90.00	270.00	7950.00	5445.54	290.69	-5439.64	0.00	1672218.52	3226330.93	39.676288	-104.695908
	12900.00	90.00	270.00	7950.00	5545.50	290.69	-5539.64	0.00	1672217.62	3226230.94	39.676288	-104.696263
	13000.00	90.00	270.00	7950.00	5645.47	290.70	-5639.64	0.00	1672216.73	3226130.94	39.676288	-104.696619
	13100.00	90.00	270.00	7950.00	5745.43	290.71	-5739.64	0.00	1672215.83	3226030.95	39.676288	-104.696974
	13200.00	90.00	270.00	7950.00	5845.39	290.72	-5839.64	0.00	1672214.93	3225930.95	39.676288	-104.697329
	13300.00	90.00	270.00	7950.00	5945.36	290.72	-5939.64	0.00	1672214.03	3225830.96	39.676288	-104.697684
	13400.00	90.00	270.00	7950.00	6045.32	290.73	-6039.64	0.00	1672213.13	3225730.97	39.676288	-104.698040
	13500.00	90.00	270.00	7950.00	6145.28	290.74	-6139.64	0.00	1672212.23	3225630.97	39.676288	-104.698395
	13600.00	90.00	270.00	7950.00	6245.25	290.75	-6239.64	0.00	1672211.33	3225530.98	39.676288	-104.698750
	13700.00	90.00	270.00	7950.00	6345.21	290.76	-6339.64	0.00	1672210.44	3225430.98	39.676288	-104.699105
	13800.00	90.00	270.00	7950.00	6445.17	290.76	-6439.64	0.00	1672209.54	3225330.99	39.676288	-104.699461
	13900.00	90.00	270.00	7950.00	6545.14	290.77	-6539.64	0.00	1672208.64	3225230.99	39.676288	-104.699816
	14000.00	90.00	270.00	7950.00	6645.10	290.78	-6639.64	0.00	1672207.74	3225131.00	39.676288	-104.700171
	14100.00	90.00	270.00	7950.00	6745.06	290.79	-6739.64	0.00	1672206.84	3225031.01	39.676288	-104.700526
	14200.00	90.00	270.00	7950.00	6845.02	290.79	-6839.64	0.00	1672205.94	3224931.01	39.676288	-104.700882
	14300.00	90.00	270.00	7950.00	6944.99	290.80	-6939.64	0.00	1672205.04	3224831.02	39.676288	-104.701237
	14400.00	90.00	270.00	7950.00	7044.95	290.81	-7039.64	0.00	1672204.15	3224731.02	39.676288	-104.701592
	14500.00	90.00	270.00	7950.00	7144.91	290.82	-7139.64	0.00	1672203.25	3224631.03	39.676288	-104.701947
	14600.00	90.00	270.00	7950.00	7244.88	290.83	-7239.64	0.00	1672202.35	3224531.03	39.676288	-104.702303
	14700.00	90.00	270.00	7950.00	7344.84	290.83	-7339.64	0.00	1672201.45	3224431.04	39.676288	-104.702658
	14800.00	90.00	270.00	7950.00	7444.80	290.84	-7439.64	0.00	1672200.55	3224331.05	39.676287	-104.703013
	14900.00	90.00	270.00	7950.00	7544.77	290.85	-7539.64	0.0				

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
Rush 4-65 29-30 2CH BHL	18000.00 18040.35	90.00 90.00	270.00 270.00	7950.00 7950.00	10643.62 10683.96	291.09 291.09	-10639.64 -10679.99	0.00 0.00	1672171.80 1672171.43	3221131.23 3221090.87	39.676285 39.676285	-104.714382 -104.714525

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 0 \*\*\* 3-D 95.000% Confidence 2.7955 sigma  
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	28.000	1/100.000	13.500	9.625		NAL_MWD_PLUS_0.5_DEG- Depth Only	Original Hole / Rush 4-65 29-30 2CH Plan #0
	1	28.000	2000.000	1/100.000	13.500	9.625		NAL_MWD_PLUS_0.5_DEG	Original Hole / Rush 4-65 29-30 2CH Plan #0
	1	2000.000	18040.353	1/100.000	8.500	5.500		NAL_MWD_PLUS_0.5_DEG	Original Hole / Rush 4-65 29-30 2CH Plan #0