



# Crestone Peak Resources

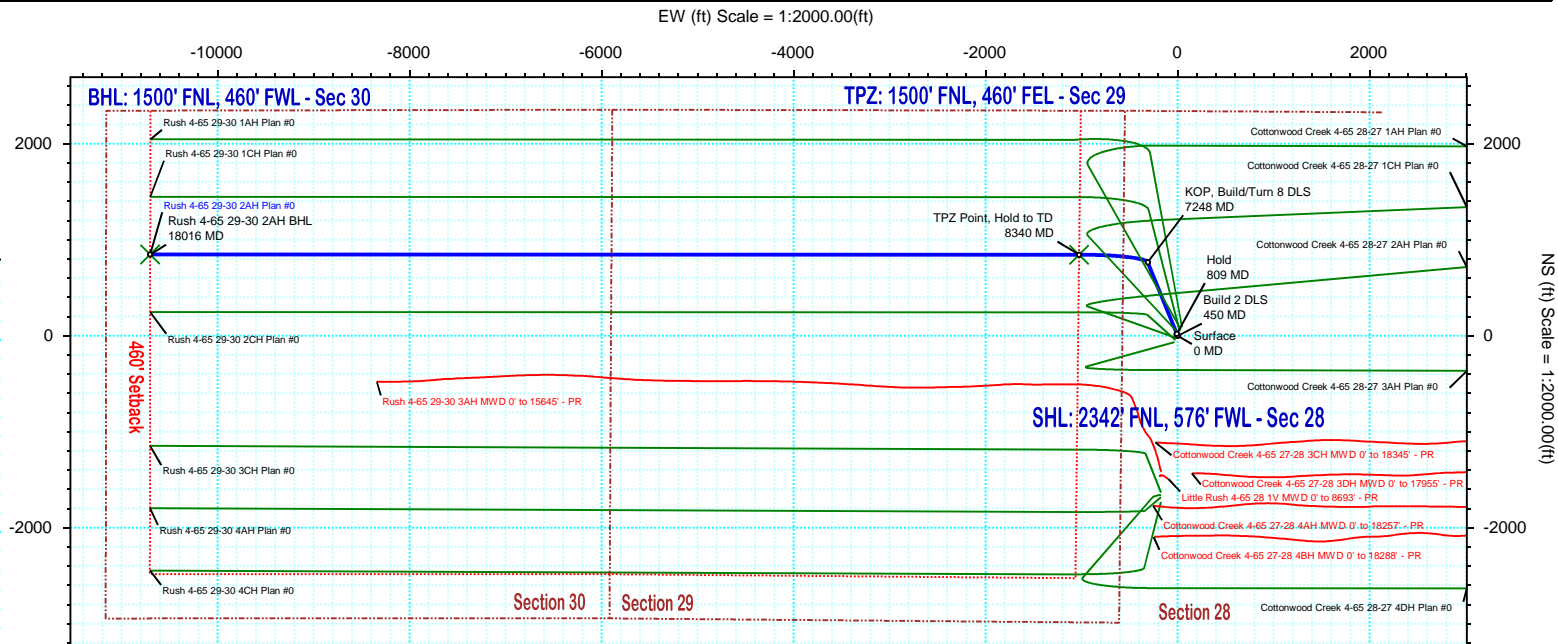
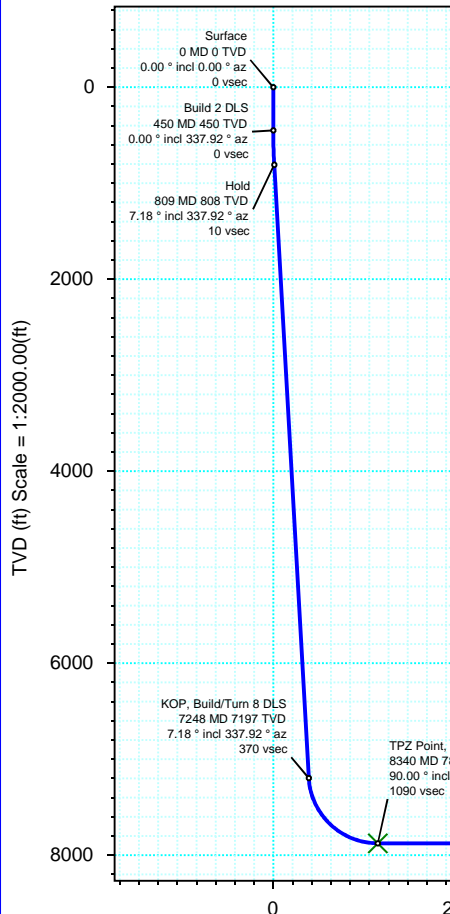
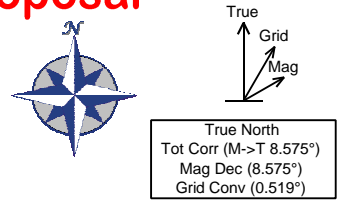
Plan 0



<b>Borehole:</b> Original Hole	<b>Well:</b> Rush 4-65 29-30 2AH	<b>Field:</b> CO, Arapahoe County (NAD 83 CZ)	<b>Structure:</b> Crestone Peak 28-04S-65W (Rush North Pad)
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<b>Gravity &amp; Magnetic Parameters</b>		<b>Surface Location</b> NAD83 Colorado State Plane, Central Zone, US Feet			<b>Miscellaneous</b>		
Model: HDGM 2020	Dip: 66.345°	Date: 22-Jun-2020	Lat: N 39 40 32.21	Northing: 1672021.8ftUS	Grid Conv: 0.5194°	Slot: Rush 4-65 29-30 2AH	TVD Ref: KB 28ft(5681ft above MSL)
MagDec: 8.575°	FS: 51550.451nT	Gravity FS: 998.915mgn (9.80665 Based)	Lon: W 104 40 35.41	Easting: 3231795.29ftUS	Scale Fact: 0.99998613	Plan: Rush 4-65 29-30 2AH Plan #0	

**Proposal**



Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)
Rush Pad Sec 29-30	N 39 40 33.09	W 104 40 34.82	1672111.09	3231840.37	5681.00	-38.73	88.88	45.88
Rush Pad Sec 29-30 - CL	N 39 40 33.09	W 104 40 34.82	1672111.09	3231840.37	5681.00	-38.73	88.88	45.88
Rush Pad Sec 29-30 - 460' SB	N 39 40 33.09	W 104 40 34.82	1672111.09	3231840.37	5681.00	-38.73	88.88	45.88
Rush 4-65 29-30 2AH BHL	N 39 40 40.56	W 104 42 52.29	1672771.35	3221085.97	7875.00	10735.69	846.61	-10702.26
Rush 4-65 29-30 2AH TPZ	N 39 40 40.57	W 104 40 48.53	1672857.93	3230761.43	7875.00	1089.74	845.48	-1026.26

Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Build 2 DLS	450.00	0.00	337.92	450.00	0.00	0.00	0.00	0.00
Hold	808.84	7.18	337.92	807.90	10.05	20.80	-8.44	2.00
KOP, Build/Turn 8 DLS	7248.44	7.18	337.92	7197.05	370.32	766.30	-310.86	0.00
TPZ Point, Hold to TD	8339.78	90.00	270.01	7875.00	1089.74	845.48	-1026.26	8.00
Rush 4-65 29-30 2AH BHL	18015.78	90.00	270.01	7875.00	10735.69	846.61	-10702.26	0.00

Vertical Section (ft) Azim = 274.52° Scale = 1:2000.00(ft) Origin = 0N/-S, 0E/-W

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

(Def Plan)

**Report Date:** June 23, 2020 - 03:44 PM  
**Client:** Crestone Peak Resources  
**Field:** CO, Arapahoe County (NAD 83 CZ)  
**Structure / Slot:** Crestone Peak 28-04S-65W (Rush North Pad) / Rush 4-65 29-30 2AH  
**Well:** Rush 4-65 29-30 2AH  
**Borehole:** Original Hole  
**UWI / API#:** Unknown / Unknown  
**Survey Name:** Rush 4-65 29-30 2AH Plan #0  
**Survey Date:** June 22, 2020  
**Tort / AHD / DDI / ERD Ratio:** 94.484 ° / 11229.834 ft / 6.385 / 1.426  
**Coordinate Reference System:** NAD83 Colorado State Plane, Central Zone, US Feet  
**Location Lat / Long:** N 39° 40' 32.21040", W 104° 40' 35.40720"  
**Location Grid N/E Y/X:** N 1672021.801 ftUS, E 3231795.294 ftUS  
**CRS Grid Convergence Angle:** 0.5194 °  
**Grid Scale Factor:** 0.99998613  
**Version / Patch:** 2.10.810.1

**Survey / DLS Computation:** Minimum Curvature / Lubinski  
**Vertical Section Azimuth:** 274.523 ° (True North)  
**Vertical Section Origin:** 0.000 ft, 0.000 ft  
**TVD Reference Datum:** KB 28ft  
**TVD Reference Elevation:** 5681.000 ft above MSL  
**Seabed / Ground Elevation:** 5653.000 ft above MSL  
**Magnetic Declination:** 8.575 °  
**Total Gravity Field Strength:** 998.9146mgn (9.80665 Based)  
**Gravity Model:** GARM  
**Total Magnetic Field Strength:** 51550.451 nT  
**Magnetic Dip Angle:** 66.345 °  
**Declination Date:** June 22, 2020  
**Magnetic Declination Model:** HDGM 2020  
**North Reference:** True North  
**Grid Convergence Used:** 0.0000 °  
**Total Corr Mag North-True North:** 8.5748 °  
**Local Coord Referenced To:** 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	0.00	N/A	1672021.80	3231795.29	39.675614	-104.676502
	100.00	0.00	337.92	100.00	0.00	0.00	0.00	0.00	1672021.80	3231795.29	39.675614	-104.676502	
	200.00	0.00	337.92	200.00	0.00	0.00	0.00	0.00	1672021.80	3231795.29	39.675614	-104.676502	
	300.00	0.00	337.92	300.00	0.00	0.00	0.00	0.00	1672021.80	3231795.29	39.675614	-104.676502	
	400.00	0.00	337.92	400.00	0.00	0.00	0.00	0.00	1672021.80	3231795.29	39.675614	-104.676502	
Build 2 DLS	450.00	0.00	337.92	450.00	0.00	0.00	0.00	0.00	1672021.80	3231795.29	39.675614	-104.676502	
	500.00	1.00	337.92	500.00	0.20	0.40	-0.16	2.00	1672022.20	3231795.13	39.675615	-104.676503	
	600.00	3.00	337.92	599.93	1.76	3.64	-1.48	2.00	1672025.43	3231793.79	39.675624	-104.676507	
	700.00	5.00	337.92	699.68	4.88	10.10	-4.10	2.00	1672031.86	3231791.10	39.675642	-104.676517	
	800.00	7.00	337.92	799.13	9.56	19.79	-8.03	2.00	1672041.51	3231787.09	39.675668	-104.676531	
Hold	808.84	7.18	337.92	807.90	10.05	20.80	-8.44	2.00	1672042.52	3231786.67	39.675671	-104.676532	
	900.00	7.18	337.92	898.35	15.15	31.35	-12.72	0.00	1672053.04	3231782.29	39.675700	-104.676547	
	1000.00	7.18	337.92	997.56	20.75	42.93	-17.41	0.00	1672064.57	3231777.49	39.675732	-104.676564	
	1100.00	7.18	337.92	1096.78	26.34	54.51	-22.11	0.00	1672076.10	3231772.69	39.675764	-104.676581	
	1200.00	7.18	337.92	1196.00	31.94	66.08	-26.81	0.00	1672087.64	3231767.89	39.675795	-104.676597	
	1300.00	7.18	337.92	1295.21	37.53	77.66	-31.50	0.00	1672099.17	3231763.09	39.675827	-104.676614	
	1400.00	7.18	337.92	1394.43	43.12	89.22	-36.20	0.00	1672110.70	3231758.29	39.675859	-104.676631	
	1500.00	7.18	337.92	1493.65	48.72	100.81	-40.90	0.00	1672122.24	3231753.49	39.675891	-104.676647	
	1600.00	7.18	337.92	1592.86	54.31	112.39	-45.59	0.00	1672133.77	3231748.69	39.675923	-104.676664	
	1700.00	7.18	337.92	1692.08	59.91	123.97	-50.29	0.00	1672145.30	3231743.88	39.675954	-104.676681	
	1800.00	7.18	337.92	1791.30	65.50	135.54	-54.99	0.00	1672156.84	3231739.08	39.675986	-104.676697	
	1900.00	7.18	337.92	1890.51	71.10	147.12	-59.68	0.00	1672168.37	3231734.28	39.676018	-104.676714	
	2000.00	7.18	337.92	1989.73	76.69	158.70	-64.38	0.00	1672179.90	3231729.48	39.676050	-104.676731	
	2100.00	7.18	337.92	2088.95	82.29	170.27	-69.07	0.00	1672191.44	3231724.68	39.676081	-104.676747	
	2200.00	7.18	337.92	2188.16	87.88	181.85	-73.77	0.00	1672202.97	3231719.88	39.676113	-104.676764	
	2300.00	7.18	337.92	2287.38	93.48	193.43	-78.47	0.00	1672214.51	3231715.08	39.676145	-104.676781	
	2400.00	7.18	337.92	2386.60	99.07	205.00	-83.16	0.00	1672226.04	3231710.28	39.676177	-104.676797	
	2500.00	7.18	337.92	2485.81	104.67	216.58	-87.86	0.00	1672237.57	3231705.48	39.676209	-104.676814	
	2600.00	7.18	337.92	2585.03	110.26	228.16	-92.56	0.00	1672249.11	3231700.68	39.676240	-104.676831	
	2700.00	7.18	337.92	2684.25	115.85	239.73	-97.25	0.00	1672260.64	3231695.87	39.676272	-104.676848	
	2800.00	7.18	337.92	2783.46	121.45	251.31	-101.95	0.00	1672272.17	3231691.07	39.676304	-104.676864	
	2900.00	7.18	337.92	2882.68	127.04	262.89	-106.65	0.00	1672283.71	3231686.27	39.676336	-104.676881	
	3000.00	7.18	337.92	2981.90	132.64	274.46	-111.34	0.00	1672295.24	3231681.47	39.676367	-104.676898	
	3100.00	7.18	337.92	3081.11	138.23	286.04	-116.04	0.00	1672306.77	3231676.67	39.676399	-104.676914	
	3200.00	7.18	337.92	3180.33	143.83	297.62	-120.73	0.00	1672318.31	3231671.87	39.676431	-104.676931	
	3300.00	7.18	337.92	3279.55	149.42	309.20	-125.43	0.00	1672329.84	3231667.07	39.676463	-104.676948	
	3400.00	7.18	337.92	3378.76	155.02	320.77	-130.13	0.00	1672341.38	3231662.27	39.676495	-104.676964	
	3500.00	7.18	337.92	3477.98	160.61	332.35	-134.82	0.00	1672352.91	3231657.47	39.676526	-104.676981	
	3600.00	7.18	337.92	3577.19	166.21	343.93	-139.52	0.00	1672364.44	3231652.66	39.676558	-104.676998	
	3700.00	7.18	337.92	3676.41	171.80	355.50	-144.22	0.00	1672375.98	3231647.86	39.676590	-104.677014	
	3800.00	7.18	337.92	3775.63	177.40	367.08	-148.91	0.00	1672387.51	3231643.06	39.676622	-104.677031	
	3900.00	7.18	337.92	3874.84	182.99	378.66	-153.61	0.00	1672399.04	3231638.26	39.676654	-104.677048	
	4000.00	7.18	337.92	3974.06	188.59	390.23	-158.30	0.00	1672410.58	3231633.46	39.676686	-104.677064	
	4100.00	7.18	337.92	4073.28	194.18	401.81	-163.00	0.00	1672422.11	3231628.66	39.676717	-104.677081	
	4200.00	7.18	337.92	4172.49	199.77	413.39	-167.70	0.00	1672433.64	3231623.86	39.676749	-104.677098	
	4300.00	7.18	337.92	4271.71	205.37	424.96	-172.39	0.00	1672445.18	3231619.06	39.676781	-104.677114	
	4400.00	7.18	337.92	4370.93	210.96	436.54	-177.09	0.00	1672456.71	3231614.26	39.676812	-104.677131	
	4500.00	7.18	337.92	4470.14	216.56	448.12	-181.79	0.00	1672468.24	3231609.46	39.676844	-104.677148	
	4600.00	7.18	337.92	4569.36	222.15	459.69	-186.48	0.00	1672479.78	3231604.66	39.676876	-104.677165	
	4700.00	7.18	337.92	4668.58	227.75	471.27	-191.18	0.00	1672491.31	3231599.85	39.676908	-104.677181	
	4800.00	7.18	337.92	4767.79	233.34	482.85	-195.88	0.00	1672502.85	3231595.05	39.676940	-104.677198	
	4900.00	7.18	337.92	4867.01	238.94	494.42	-200.57	0.00	1672514.38	3231590.25	39.676971	-104.677215	
	5000.00	7.18	337.92	4966.23	244.53	506.00	-205.27	0.00	1672525.91	3231585.45	39.677003	-104.677231	
	5100.00	7.18	337.92	5065.44	250.13	517.58	-209.96	0.00	1672537.45	3231580.65	39.677035	-104.677248	
	5200.00	7.18	337.92	5164.66	255.72	529.15	-214.66	0.00	1672548.98	3231575.85	39.677067	-104.677265	
	5300.00	7.18	337.92	5263.88	261.32	540.73	-219.36	0.00	1672560.51	3231571.05	39.677098	-104.677281	
	5400.00	7.18	337.92	5363.09	266.91	552.31	-224.05	0.00	1672572.05	3231566.25	39.677130	-104.677298	
	5500.00	7.18	337.92	5462.31	272.51	563.89	-228.75	0.00	1672583.58	3231561.45	39.677162	-104.677315	
	5600.00	7.18	337.92	5561.53	278.10	575.46	-233.45	0.00	1672595.11	3231556.65	39.677194	-104.677331	
	5700.00	7.18	337.92	5660.74	283.69	587.04	-238.14	0.00	1672606.65	3231551.84	39.677226	-104.677348	
	5800.00	7.18	337.92	5759.96	289.29	598.62	-242.84	0.00	1672618.18	3231547.04	39.677257	-104.677365	
	5900.00	7.18	337.92	5859.18	294.88	610.19	-247.54	0.00	1672629.71	3231542.24	39.677289	-104.677381	
	6000.00	7.18	337.92	5958.39	300.48	621.77	-252.23	0.00	1672641.25	3231537.44	39.677321	-104.677398	
	6100.00	7.18	337.92	6057.61	306.07	633.35	-256.93	0.00	1672652.78	3231532.64	39.677353	-104.677415	
	6200.00	7.18	337.92	6156.82	311.67	644.92	-261.62	0.00	1672664.32	3231527.84	39.677384	-104.677431	
	6300.00	7.18	337.92	6256.04	317.26	656.50	-266.32	0.00	1672675.85	3231523.04	39.677416	-104.677448	
	6400.00	7.18	337.92	6355.26	322.86	668.08	-271.02	0.00	1672				

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	7300.00	9.52	314.11	7248.08	375.05	772.25	-315.14	8.00	1672791.15	3231473.18	39.677734	-104.677622
	7400.00	16.21	293.66	7345.56	394.64	783.63	-333.89	8.00	1672802.36	3231454.32	39.677765	-104.677688
	7500.00	23.72	285.41	7439.50	427.64	794.59	-366.12	8.00	1672813.03	3231422.00	39.677795	-104.677803
	7600.00	31.46	281.00	7528.07	473.39	804.93	-411.19	8.00	1672822.96	3231376.83	39.677824	-104.677963
	7700.00	39.30	278.20	7609.55	531.01	814.45	-468.24	8.00	1672831.96	3231319.70	39.677850	-104.678166
	7800.00	47.18	276.21	7682.35	599.38	822.95	-536.15	8.00	1672839.84	3231251.71	39.677873	-104.678407
	7900.00	55.09	274.68	7745.05	677.17	830.27	-613.60	8.00	1672846.46	3231174.20	39.677893	-104.678682
	8000.00	63.02	273.41	7796.43	762.86	836.28	-699.09	8.00	1672851.69	3231088.67	39.677910	-104.678986
	8100.00	70.95	272.32	7835.50	854.78	840.85	-790.94	8.00	1672855.43	3230996.78	39.677922	-104.679312
	8200.00	78.89	271.32	7861.49	951.15	843.89	-887.37	8.00	1672857.60	3230900.33	39.677931	-104.679655
	8300.00	86.84	270.38	7873.90	1050.09	845.35	-986.50	8.00	1672858.16	3230801.19	39.677935	-104.680007
TPZ Point, Hold to TD	8339.78	90.00	270.01	7875.00	1089.74	845.48	-1026.26	8.00	1672857.93	3230761.43	39.677935	-104.680148
	8400.00	90.00	270.01	7875.00	1149.77	845.49	-1086.48	0.00	1672857.39	3230701.21	39.677935	-104.680362
	8500.00	90.00	270.01	7875.00	1249.46	845.50	-1186.48	0.00	1672856.50	3230601.22	39.677935	-104.680717
	8600.00	90.00	270.01	7875.00	1349.15	845.51	-1286.48	0.00	1672855.60	3230501.22	39.677935	-104.681072
	8700.00	90.00	270.01	7875.00	1448.84	845.53	-1386.48	0.00	1672854.71	3230401.23	39.677935	-104.681428
	8800.00	90.00	270.01	7875.00	1548.53	845.54	-1486.48	0.00	1672853.82	3230301.23	39.677935	-104.681783
	8900.00	90.00	270.01	7875.00	1648.22	845.55	-1586.48	0.00	1672852.92	3230201.24	39.677935	-104.682138
	9000.00	90.00	270.01	7875.00	1747.91	845.56	-1686.48	0.00	1672852.03	3230101.24	39.677935	-104.682494
	9100.00	90.00	270.01	7875.00	1847.60	845.57	-1786.48	0.00	1672851.13	3230001.25	39.677935	-104.682849
	9200.00	90.00	270.01	7875.00	1947.29	845.58	-1886.48	0.00	1672850.24	3229901.26	39.677935	-104.683204
	9300.00	90.00	270.01	7875.00	2046.98	845.60	-1986.48	0.00	1672849.34	3229801.27	39.677935	-104.683559
	9400.00	90.00	270.01	7875.00	2146.67	845.61	-2086.48	0.00	1672848.45	3229701.27	39.677935	-104.683915
	9500.00	90.00	270.01	7875.00	2246.36	845.62	-2186.48	0.00	1672847.55	3229601.28	39.677935	-104.684270
	9600.00	90.00	270.01	7875.00	2346.05	845.63	-2286.48	0.00	1672846.66	3229501.28	39.677935	-104.684625
	9700.00	90.00	270.01	7875.00	2445.74	845.64	-2386.48	0.00	1672845.76	3229401.29	39.677935	-104.684980
	9800.00	90.00	270.01	7875.00	2545.42	845.65	-2486.48	0.00	1672844.87	3229301.29	39.677935	-104.685336
	9900.00	90.00	270.01	7875.00	2645.11	845.66	-2586.48	0.00	1672843.97	3229201.29	39.677935	-104.685691
	10000.00	90.00	270.01	7875.00	2744.80	845.68	-2686.48	0.00	1672843.08	3229101.30	39.677935	-104.686046
	10100.00	90.00	270.01	7875.00	2844.49	845.69	-2786.48	0.00	1672842.18	3229001.31	39.677935	-104.686402
	10200.00	90.00	270.01	7875.00	2944.18	845.70	-2886.48	0.00	1672841.29	3228901.31	39.677935	-104.686757
	10300.00	90.00	270.01	7875.00	3043.87	845.71	-2986.48	0.00	1672840.39	3228801.32	39.677935	-104.687112
	10400.00	90.00	270.01	7875.00	3143.56	845.72	-3086.48	0.00	1672839.50	3228701.32	39.677935	-104.687467
	10500.00	90.00	270.01	7875.00	3243.25	845.73	-3186.48	0.00	1672838.60	3228601.33	39.677935	-104.687823
	10600.00	90.00	270.01	7875.00	3342.94	845.75	-3286.48	0.00	1672837.71	3228501.33	39.677935	-104.688178
	10700.00	90.00	270.01	7875.00	3442.63	845.76	-3386.48	0.00	1672836.81	3228401.34	39.677935	-104.688533
	10800.00	90.00	270.01	7875.00	3542.32	845.77	-3486.48	0.00	1672835.92	3228301.35	39.677935	-104.688888
	10900.00	90.00	270.01	7875.00	3642.01	845.78	-3586.48	0.00	1672835.02	3228201.35	39.677935	-104.689244
	11000.00	90.00	270.01	7875.00	3741.70	845.79	-3686.48	0.00	1672834.13	3228101.36	39.677935	-104.689599
	11100.00	90.00	270.01	7875.00	3841.39	845.80	-3786.48	0.00	1672833.23	3228001.36	39.677935	-104.689954
	11200.00	90.00	270.01	7875.00	3941.08	845.82	-3886.48	0.00	1672832.34	3227901.37	39.677935	-104.690310
	11300.00	90.00	270.01	7875.00	4040.77	845.83	-3986.48	0.00	1672831.45	3227801.37	39.677935	-104.690665
	11400.00	90.00	270.01	7875.00	4140.46	845.84	-4086.48	0.00	1672830.55	3227701.38	39.677935	-104.691020
	11500.00	90.00	270.01	7875.00	4240.15	845.85	-4186.48	0.00	1672829.66	3227601.38	39.677935	-104.691375
	11600.00	90.00	270.01	7875.00	4339.84	845.86	-4286.48	0.00	1672828.76	3227501.39	39.677935	-104.691731
	11700.00	90.00	270.01	7875.00	4439.53	845.87	-4386.48	0.00	1672827.87	3227401.40	39.677935	-104.692086
	11800.00	90.00	270.01	7875.00	4539.21	845.89	-4486.48	0.00	1672826.97	3227301.40	39.677935	-104.692441
	11900.00	90.00	270.01	7875.00	4638.90	845.90	-4586.48	0.00	1672826.08	3227201.41	39.677935	-104.692796
	12000.00	90.00	270.01	7875.00	4738.59	845.91	-4686.48	0.00	1672825.18	3227101.41	39.677935	-104.693152
	12100.00	90.00	270.01	7875.00	4838.28	845.92	-4786.48	0.00	1672824.29	3227001.42	39.677935	-104.693507
	12200.00	90.00	270.01	7875.00	4937.97	845.93	-4886.48	0.00	1672823.39	3226901.42	39.677935	-104.693862
	12300.00	90.00	270.01	7875.00	5037.66	845.94	-4986.48	0.00	1672822.50	3226801.43	39.677935	-104.694218
	12400.00	90.00	270.01	7875.00	5137.35	845.96	-5086.48	0.00	1672821.60	3226701.43	39.677935	-104.694573
	12500.00	90.00	270.01	7875.00	5237.04	845.97	-5186.48	0.00	1672820.71	3226601.44	39.677935	-104.694928
	12600.00	90.00	270.01	7875.00	5336.73	845.98	-5286.48	0.00	1672819.81	3226501.45	39.677935	-104.695283
	12700.00	90.00	270.01	7875.00	5436.42	845.99	-5386.48	0.00	1672818.92	3226401.45	39.677935	-104.695639
	12800.00	90.00	270.01	7875.00	5536.11	846.00	-5486.48	0.00	1672818.02	3226301.46	39.677935	-104.695994
	12900.00	90.00	270.01	7875.00	5635.80	846.01	-5586.48	0.00	1672817.13	3226201.46	39.677935	-104.696349
	13000.00	90.00	270.01	7875.00	5735.49	846.03	-5686.48	0.00	1672816.23	3226101.47	39.677935	-104.696704
	13100.00	90.00	270.01	7875.00	5835.18	846.04	-5786.48	0.00	1672815.34	3226001.47	39.677935	-104.697059
	13200.00	90.00	270.01	7875.00	5934.87	846.05	-5886.48	0.00	1672814.44	3225901.48	39.677935	-104.697415
	13300.00	90.00	270.01	7875.00	6034.56	846.06	-5986.48	0.00	1672813.55	3225801.49	39.677935	-104.697770
	13400.00	90.00	270.01	7875.00	6134.25	846.07	-6086.48	0.00	1672812.65	3225701.49	39.677935	-104.698125
	13500.00	90.00	270.01	7875.00	6233.94	846.08	-6186.48	0.00	1672811.76	3225601.50	39.677935	-104.698481
	13600.00	90.00	270.01	7875.00	6333.63	846.10	-6286.48	0.00	1672810.86	3225501.50	39.677935	-104.698836
	13700.00	90.00	270.01	7875.00	6433.32	846.11	-6386.48	0.00	1672809.97	3225401.51	39.677935	-104.699191
	13800.00	90.00	270.01	7875.00	6533.01	846.12	-6486.48	0.00	1672809.07	3225301.51	39.677935	-104.699547
	13900.00	90.00	270.01	7875.00	6632.70	846.13	-6586.48	0.00	1672808.18	3225201.52	39.677935	-104.699902
	14000.00	90.00	270.01	7875.00	6732.38	846.14	-6686.48	0.00	1672807.29	3225101.52	39.677934	-104.700257
	14100.00	90.00	270.01	7875.00	6832.07	846.15	-6786.48	0.00	1672806.39	3225001.53	39.677934	-104.700612
	14200.00	90.00	270.01	7875.00	6931.76	846.17	-6886.48	0.00	1672805.50	3224901.54	39.677934	-104.700968
	14300.00	90.00	270.01	7875.00	7031.45	846.18	-6986.48	0.00	1672804.60	3224801.54	39.677934	-104.701323
	14400.00	90.00	270.01	7875.00	7131.14	846.19	-7086.48	0.00	1672803.71	3224701.55	39.677934	-104.701678
	14500.00	90.00	270.01	7875.00	7230.83	846.20	-7186.48	0.00	1672802.81	3224601.55	39.677934	-104.702033
	14600.00	90.00	270.01	7875.00	7330.52	846.21	-7286.48	0.00	1672801.92	3224501.56	39.677934	-104.702389
	14700.00	90.00	270.01	7875.00	7430.21	846.22	-7386.48	0.00	1672801.02	3224401.56	39.677934	-104.702744
	14800.00	90.00	270.01	7875.00	7529.90	846.24	-7486.48	0.00	1672800.13	3224301.57	39.677934	-104.703099
	14900.00	90.00	270.01	7875.00	7629.5							

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 2AH BHL	18015.78	90.00	270.01	7875.00	10719.96	846.61	-10686.48	0.00	1672771.49	3221101.75	39.677932	-104.714468

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 2AH 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 2AH Plan #0
	1	2000.000	18015.780	1/100.000	8.500	5.500		NAL_MWD_PLUS_0.5_DEG	Original Hole / Rush 4-65 29-30 2AH Plan #0