



Crestone Peak Resources

Schlumberger

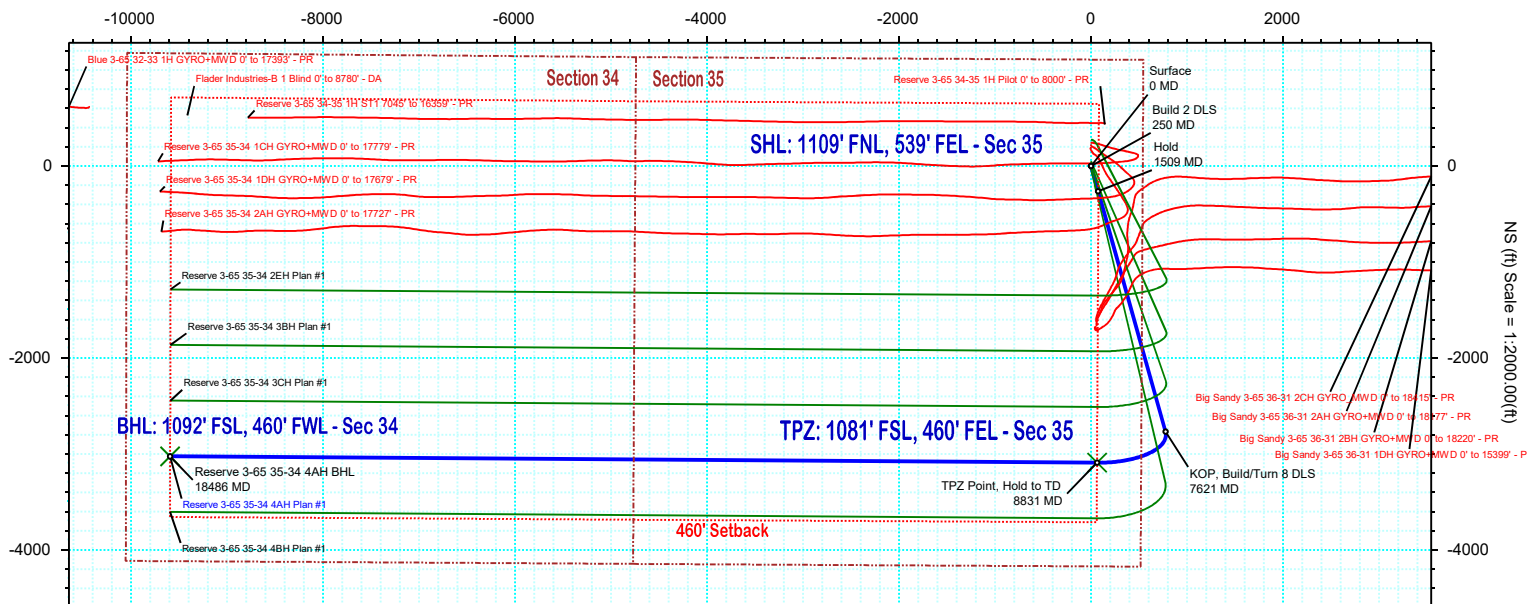
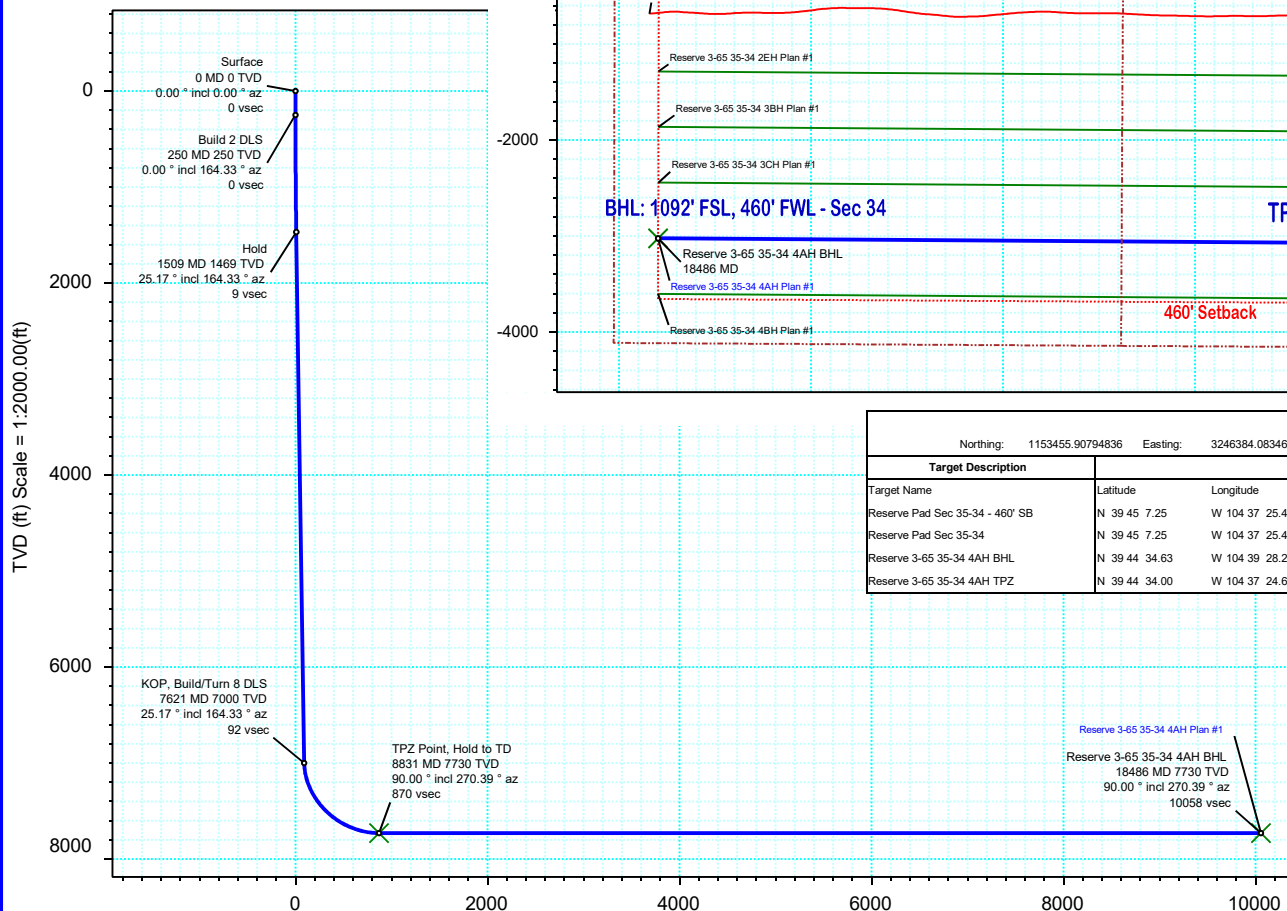
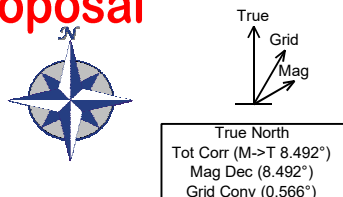
Plan 1

Borehole:	Well:	Field:	Structure:
Original Hole	Reserve 3-65 35-34 4AH	CO, Adams County (NAD 83 NZ)	Crestone Peak 35-03S-65W (Reserve Pad)

Gravity & Magnetic Parameters					Surface Location					NAD83 Colorado State Plane, Northern Zone, US Feet					Miscellaneous			
Model:	HDGM 2020	Dip:	66.335°	Date:	14-May-2020	Lat:	N 39 45 4.54	Northings:	1153455.91ftUS	Grid Conv:	0.5662°	Slot:	Reserve 3-65 35-34 4AH	TVD Ref:	KB 28ft(5541.9ft above MSL)			
MagDec:	8.492°	FS:	51582.752nT	Gravity FS:	998.931mgn (9.80665 Based)	Lon:	W 104 37 25.40	Easting:	3246384.08ftUS	Scale Fact:	0.9999946	Plan:	Reserve 3-65 35-34 4AH Plan #1					

Proposal

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



Surface Location								
Northing: 1153455.90794836			Easting: 3246384.08346666			VSec Azimuth: 252.50		
Target Description			Grid Coord			Local Coord		
Target Name	Latitude	Longitude	Northings	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)
Reserve Pad Sec 35-34 - 460' SB	N 39 45 7.25	W 104 37 25.40	1153729.82	3246381.38	5541.90	-82.37	273.93	0.00
Reserve Pad Sec 35-34	N 39 45 7.25	W 104 37 25.40	1153729.82	3246381.38	5541.90	-82.37	273.93	0.00
Reserve 3-65 35-34 4AH BHL	N 39 44 34.63	W 104 39 28.20	1150337.13	3236822.10	7730.00	10057.82	-3024.16	-9592.41
Reserve 3-65 35-34 4AH TPZ	N 39 44 34.00	W 104 37 24.60	1150366.59	3246477.04	7730.00	869.59	-3090.11	62.43

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	250.00	0.00	164.33	250.00	0.00	0.00	0.00	0.00
Hold	1508.75	25.17	164.33	1468.63	8.67	-262.00	73.51	2.00
KOP, Build/Turn 8 DLS	7621.18	25.17	164.33	7000.47	91.53	-2765.47	775.88	0.00
TPZ Point, Hold to TD	8830.68	90.00	270.39	7730.00	869.59	-3090.11	62.43	8.00
Reserve 3-65 35-34 4AH BHL	18485.74	90.00	270.39	7730.00	10057.82	-3024.16	-9592.41	0.00

Reserve 3-65 35-34 4AH Plan #1 Proposal Geodetic Report

(Def Plan)

Report Date: May 14, 2020 - 03:26 PM
Client: Crestone Peak Resources
Field: CO, Adams County (NAD 83 NZ)
Structure / Slot: Crestone Peak 35-03S-65W (Reserve Pad) / Reserve 3-65 35-34 4AH
Well: Reserve 3-65 35-34 4AH
Borehole: Original Hole
UWI / API#: Unknown / Unknown
Survey Name: Reserve 3-65 35-34 4AH Plan #1
Survey Date: March 09, 2020
Tort / AHD / DDI / ERD Ratio: 121.935 ° / 13391.402 ft / 6.592 / 1.732
Coordinate Reference System: NAD83 Colorado State Plane, Northern Zone, US Feet
Location Lat / Long: N 39° 45' 4.53960", W 104° 37' 25.39560"
Location Grid N/E Y/X: N 1153455.908 ftUS, E 3246384.083 ftUS
CRS Grid Convergence Angle: 0.5662 °
Grid Scale Factor: 0.9999946
Version / Patch: 2.10.787.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 252.502 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB 28ft
TVD Reference Elevation: 5541.900 ft above MSL
Seabed / Ground Elevation: 5513.900 ft above MSL
Magnetic Declination: 8.492 °
Total Gravity Field Strength: 998.9315mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 51582.752 nT
Magnetic Dip Angle: 66.335 °
Declination Date: May 14, 2020
Magnetic Declination Model: HDGM 2020
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North→True North: 8.4918 °
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	N/A	1153455.91	3246384.08	39.751261	-104.623721
Build 2 DLS	100.00	0.00	164.33	100.00	0.00	0.00	0.00	0.00	1153455.91	3246384.08	39.751261	-104.623721
	200.00	0.00	164.33	200.00	0.00	0.00	0.00	0.00	1153455.91	3246384.08	39.751261	-104.623721
	250.00	0.00	164.33	250.00	0.00	0.00	0.00	0.00	1153455.91	3246384.08	39.751261	-104.623721
	300.00	1.00	164.33	300.00	0.01	-0.42	0.12	2.00	1153455.49	3246384.21	39.751260	-104.623721
	400.00	3.00	164.33	399.93	0.13	-3.78	1.06	2.00	1153452.14	3246385.18	39.751251	-104.623717
	500.00	5.00	164.33	499.68	0.35	-10.50	2.94	2.00	1153445.44	3246387.13	39.751232	-104.623711
	600.00	7.00	164.33	599.13	0.68	-20.56	5.77	2.00	1153435.41	3246390.05	39.751205	-104.623700
	700.00	9.00	164.33	698.15	1.12	-33.96	9.53	2.00	1153422.04	3246393.95	39.751168	-104.623687
	800.00	11.00	164.33	796.63	1.68	-50.68	14.22	2.00	1153405.37	3246398.80	39.751122	-104.623670
	900.00	13.00	164.33	894.44	2.34	-70.69	19.83	2.00	1153385.41	3246404.62	39.751067	-104.623650
	1000.00	15.00	164.33	991.46	3.11	-93.99	26.37	2.00	1153362.19	3246411.38	39.751003	-104.623627
	1100.00	17.00	164.33	1087.58	3.99	-120.52	33.81	2.00	1153335.72	3246419.09	39.750930	-104.623601
	1200.00	19.00	164.33	1182.68	4.97	-150.28	42.16	2.00	1153306.06	3246427.73	39.750848	-104.623571
	1300.00	21.00	164.33	1276.65	6.06	-183.20	51.40	2.00	1153273.22	3246437.29	39.750758	-104.623538
Hold	1400.00	23.00	164.33	1369.36	7.26	-219.27	61.52	2.00	1153237.26	3246447.77	39.750659	-104.623502
	1500.00	25.00	164.33	1460.71	8.55	-258.43	72.51	2.00	1153198.21	3246459.14	39.750552	-104.623463
	1508.75	25.17	164.33	1468.63	8.67	-262.00	73.51	2.00	1153194.65	3246460.18	39.750542	-104.623460
	1600.00	25.17	164.33	1551.22	9.91	-299.38	83.99	0.00	1153157.38	3246471.03	39.750439	-104.623422
	1700.00	25.17	164.33	1641.72	11.26	-340.33	95.48	0.00	1153116.54	3246482.93	39.750327	-104.623381
	1800.00	25.17	164.33	1732.22	12.62	-381.29	106.97	0.00	1153075.70	3246494.82	39.750214	-104.623341
	1900.00	25.17	164.33	1822.72	13.98	-422.25	118.47	0.00	1153034.86	3246506.72	39.750102	-104.623300
	2000.00	25.17	164.33	1913.22	15.33	-463.20	129.96	0.00	1152994.02	3246518.61	39.749989	-104.623259
	2100.00	25.17	164.33	2003.73	16.69	-504.16	141.45	0.00	1152953.17	3246530.51	39.749877	-104.623218
	2200.00	25.17	164.33	2094.23	18.04	-545.12	152.94	0.00	1152912.33	3246542.40	39.749765	-104.623177
	2300.00	25.17	164.33	2184.73	19.40	-586.07	164.43	0.00	1152871.49	3246554.30	39.749652	-104.623136
	2400.00	25.17	164.33	2275.23	20.75	-627.03	175.92	0.00	1152830.65	3246566.19	39.749540	-104.623095
	2500.00	25.17	164.33	2365.73	22.11	-667.99	187.41	0.00	1152789.81	3246578.09	39.749427	-104.623054
	2600.00	25.17	164.33	2456.23	23.46	-708.94	198.90	0.00	1152748.97	3246589.98	39.749315	-104.623014
	2700.00	25.17	164.33	2546.73	24.82	-749.90	210.39	0.00	1152708.13	3246601.88	39.749202	-104.622973
	2800.00	25.17	164.33	2637.24	26.18	-790.86	221.88	0.00	1152667.29	3246613.77	39.749090	-104.622932
	2900.00	25.17	164.33	2727.74	27.53	-831.82	233.38	0.00	1152626.45	3246625.66	39.748977	-104.622891
	3000.00	25.17	164.33	2818.24	28.89	-872.77	244.87	0.00	1152585.60	3246637.56	39.748865	-104.622850
	3100.00	25.17	164.33	2908.74	30.24	-913.73	256.36	0.00	1152544.76	3246649.46	39.748753	-104.622809
	3200.00	25.17	164.33	2999.24	31.60	-954.69	267.85	0.00	1152503.92	3246661.35	39.748640	-104.622768
	3300.00	25.17	164.33	3089.74	32.95	-995.64	279.34	0.00	1152463.08	3246673.25	39.748528	-104.622728
	3400.00	25.17	164.33	3180.24	34.31	-1036.60	290.83	0.00	1152422.24	3246685.14	39.748415	-104.622687
	3500.00	25.17	164.33	3270.74	35.67	-1077.56	302.32	0.00	1152381.40	3246697.04	39.748303	-104.622646
	3600.00	25.17	164.33	3361.25	37.02	-1118.51	313.81	0.00	1152340.56	3246708.93	39.748190	-104.622605
	3700.00	25.17	164.33	3451.75	38.38	-1159.47	325.30	0.00	1152299.72	3246720.83	39.748078	-104.622564
	3800.00	25.17	164.33	3542.25	39.73	-1200.43	336.79	0.00	1152258.88	3246732.72	39.747966	-104.622523
	3900.00	25.17	164.33	3632.75	41.09	-1241.38	348.28	0.00	1152218.04	3246744.62	39.747853	-104.622482
	4000.00	25.17	164.33	3723.25	42.44	-1282.34	359.78	0.00	1152177.19	3246756.51	39.747741	-104.622442
	4100.00	25.17	164.33	3813.75	43.80	-1323.30	371.27	0.00	1152136.35	3246768.41	39.747628	-104.622401
	4200.00	25.17	164.33	3904.25	45.15	-1364.25	382.76	0.00	1152095.51	3246780.30	39.747516	-104.622360
	4300.00	25.17	164.33	3994.76	46.51	-1405.21	394.25	0.00	1152054.67	3246792.20	39.747403	-104.622319
	4400.00	25.17	164.33	4085.26	47.87	-1446.17	405.74	0.00	1152013.83	3246804.09	39.747291	-104.622278
	4500.00	25.17	164.33	4175.76	49.22	-1487.13	417.23	0.00	1151972.99	3246815.99	39.747179	-104.622237
	4600.00	25.17	164.33	4266.26	50.58	-1528.08	428.72	0.00	1151932.15	3246827.88	39.747066	-104.622196
	4700.00	25.17	164.33	4356.76	51.93	-1569.04	440.21	0.00	1151891.31	3246839.78	39.746954	-104.622155
	4800.00	25.17	164.33	4447.26	53.29	-1610.00	451.70	0.00	1151850.47	3246851.67	39.746841	-104.622115
	4900.00	25.17	164.33	4537.76	54.64	-1650.95	463.19	0.00	1151809.62	3246863.57	39.746729	-104.622074
	5000.00	25.17	164.33	4628.26	56.00	-1691.91	474.68	0.00	1151768.78	3246875.46	39.746616	-104.622033
	5100.00	25.17	164.33	4718.77	57.36	-1732.87	486.18	0.00	1151727.94	3246887.36	39.746504	-104.621992
	5200.00	25.17	164.33	4809.27	58.71	-1773.82	497.67	0.00	1151687.10	3246899.25	39.746391	-104.621951
	5300.00	25.17	164.33	4899.77	60.07	-1814.78	509.16	0.00	1151646.26	3246911.15	39.746279	-104.621910
	5400.00	25.17	164.33	4990.27	61.42	-1855.74	520.65	0.00	1151605.42	3246923.04	39.746167	-104.621869
	5500.00	25.17	164.33	5080.77	62.78	-1896.69	532.14	0.00	1151564.58	3246934.94	39.746054	-104.621829
	5600.00	25.17	164.33	5171.27	64.13	-1937.65	543.63	0.00	1151523.74	3246946.83	39.745942	-104.621788
	5700.00	25.17	164.33	5261.77	65.49	-1978.61	555.12	0.00	1151482.90	3246958.73	39.745829	-104.621747
	5800.00	25.17	164.33	5352.27	66.84	-2019.57	566.61	0.00	1151442.06	3246970.62	39.745717	-104.621706
	5900.00	25.17	164.33	5442.78	68.20	-2060.52	578.10	0.00	1151401.21	3246982.52	39.745604	-104.621665
	6000.00	25.17	164.33	5533.28	69.56	-2101.48	589.59	0.00	1151360.37	3246994.41	39.745492	-104.621624
	6100.00	25.17	164.33	5623.78	70.91	-2142.44	601.08	0.00	1151319.53	3247006.31	39.745380	-104.621583
	6200.00	25.17	164.33	5714.28	72.27	-2183.39	612.58	0.00	1151278.69	3247018.20	39.745267	-104.621543
	6300.00	25.17	164.33	5804.78	73.62	-2224.35	624.07	0.00	1151237.85	3247030.10	39.745155	-104.621502
	6400.00	25.17	164.33	5895.28	74.98	-2265.31	635.56	0.00	1151197.01	3247041.99	39.745042	-104.621461
	6500.00	25.17	164.33	5985.78	76.33	-2306.26	647.05	0.00	1151156.17	3247053.89	39.744930	-104.621420
	6600.00	25.17	164.33	6076.29	77.69	-2347.22	658.54	0.00	1151115.33	3247065.78	39.744817	-104.621379
	6700.00	25.17	164.33	6166.79	79.04	-2388.18	670.03	0.00	1151074.49	3247077.68	39.744705	-104.621338
	6800.00	25.17	164.33	6257.29	80.40	-2429.13	681.52	0.00	1151033.64	3247089.57	39.744592	-104.621297
6900.00	25.17	164.33	6347.79	81.76	-2470.09	693.01	0.00	1150992.80	3247101.47	39.744480	-104.621257	
7000.00	25.17	164.33	6438.29	83.11	-2511.05	704.50	0.00	1150951.96	3247113.36	39.744368	-104.621216	
7100.00	25.17	164.33	6528.79	84.47	-2552.01	715.99	0.00	1150911.12	3247125.26	39.744255	-104.621175	
7200.00	25.17	164.33	6619.29	85.82	-2592.96	727.48	0.00	1150870.28	3247137.15	39.744143	-104.621134	
7300.00	25.17	164.33	6709.79	87.18	-2633.92	738.98	0.00	1150829.44	3247149.05	39.744030	-104.621093	
7400.00	25.17	164.33	6800.30	88.53	-2674.88	750.47	0.00	1150788.60	3247160.94	39.743918	-104.621052	
7500.00	25.17	164.33	6890.80	89.89	-2715.83	761.96	0.00	1150747.76	3247172.84	39.743805	-104.621011	

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	7600.00	25.17	164.33	6981.30	91.25	-2756.79	773.45	0.00	1150706.92	3247184.73	39.743693	-104.620971
KOP, Build/Turn 8 DLS	7621.18	25.17	164.33	7000.47	91.53	-2765.47	775.88	0.00	1150698.27	3247187.25	39.743669	-104.620962
	7700.00	24.31	179.29	7072.12	96.76	-2797.86	780.62	8.00	1150665.92	3247192.30	39.743580	-104.620945
	7800.00	25.38	198.23	7163.01	115.25	-2838.87	774.16	8.00	1150624.85	3247186.25	39.743468	-104.620968
	7900.00	28.60	214.44	7252.23	146.66	-2879.03	753.88	8.00	1150584.49	3247166.37	39.743357	-104.621040
	8000.00	33.34	227.02	7338.04	190.38	-2917.56	720.19	8.00	1150545.63	3247133.06	39.743252	-104.621160
	8100.00	39.04	236.55	7418.78	245.56	-2953.71	673.73	8.00	1150509.02	3247086.97	39.743152	-104.621325
	8200.00	45.35	243.89	7492.87	311.12	-2986.78	615.42	8.00	1150475.38	3247028.98	39.743062	-104.621533
	8300.00	52.04	249.76	7558.87	385.78	-3016.12	546.38	8.00	1150445.36	3246960.24	39.742981	-104.621778
	8400.00	58.96	254.62	7615.50	468.10	-3041.16	467.96	8.00	1150419.54	3246882.07	39.742912	-104.622057
	8500.00	66.05	258.82	7661.66	556.48	-3061.42	381.69	8.00	1150398.43	3246796.00	39.742857	-104.622364
	8600.00	73.23	262.57	7696.44	649.18	-3076.50	289.24	8.00	1150382.44	3246703.71	39.742815	-104.622692
	8700.00	80.48	266.05	7719.17	744.41	-3086.11	192.41	8.00	1150371.88	3246606.98	39.742789	-104.623037
	8800.00	87.76	269.38	7729.40	840.32	-3090.05	93.10	8.00	1150366.95	3246507.71	39.742778	-104.623390
TPZ Point, Hold to TD	8830.68	90.00	270.39	7730.00	869.59	-3090.11	62.43	8.00	1150366.59	3246477.04	39.742778	-104.623499
	8900.00	90.00	270.39	7730.00	935.56	-3089.64	-6.89	0.00	1150366.38	3246407.72	39.742779	-104.623746
	9000.00	90.00	270.39	7730.00	1030.72	-3088.96	-106.89	0.00	1150366.07	3246307.72	39.742781	-104.624101
	9100.00	90.00	270.39	7730.00	1125.89	-3088.27	-206.89	0.00	1150365.76	3246207.73	39.742783	-104.624457
	9200.00	90.00	270.39	7730.00	1221.05	-3087.59	-306.89	0.00	1150365.46	3246107.73	39.742785	-104.624812
	9300.00	90.00	270.39	7730.00	1316.22	-3086.91	-406.88	0.00	1150365.15	3246007.73	39.742787	-104.625168
	9400.00	90.00	270.39	7730.00	1411.38	-3086.22	-506.88	0.00	1150364.85	3245907.73	39.742789	-104.625523
	9500.00	90.00	270.39	7730.00	1506.55	-3085.54	-606.88	0.00	1150364.54	3245807.73	39.742791	-104.625879
	9600.00	90.00	270.39	7730.00	1601.71	-3084.86	-706.88	0.00	1150364.24	3245707.73	39.742792	-104.626235
	9700.00	90.00	270.39	7730.00	1696.88	-3084.17	-806.87	0.00	1150363.93	3245607.73	39.742794	-104.626590
	9800.00	90.00	270.39	7730.00	1792.04	-3083.49	-906.87	0.00	1150363.63	3245507.73	39.742796	-104.626946
	9900.00	90.00	270.39	7730.00	1887.21	-3082.81	-1006.87	0.00	1150363.32	3245407.73	39.742798	-104.627301
	10000.00	90.00	270.39	7730.00	1982.37	-3082.12	-1106.87	0.00	1150363.02	3245307.74	39.742800	-104.627657
	10100.00	90.00	270.39	7730.00	2077.54	-3081.44	-1206.86	0.00	1150362.71	3245207.74	39.742802	-104.628013
	10200.00	90.00	270.39	7730.00	2172.70	-3080.76	-1306.86	0.00	1150362.41	3245107.74	39.742804	-104.628368
	10300.00	90.00	270.39	7730.00	2267.87	-3080.07	-1406.86	0.00	1150362.10	3245007.74	39.742805	-104.628724
	10400.00	90.00	270.39	7730.00	2363.03	-3079.39	-1506.86	0.00	1150361.80	3244907.74	39.742807	-104.629079
	10500.00	90.00	270.39	7730.00	2458.20	-3078.71	-1606.85	0.00	1150361.49	3244807.74	39.742809	-104.629435
	10600.00	90.00	270.39	7730.00	2553.36	-3078.03	-1706.85	0.00	1150361.19	3244707.74	39.742811	-104.629791
	10700.00	90.00	270.39	7730.00	2648.53	-3077.34	-1806.85	0.00	1150360.88	3244607.74	39.742813	-104.630146
	10800.00	90.00	270.39	7730.00	2743.69	-3076.66	-1906.85	0.00	1150360.58	3244507.75	39.742815	-104.630502
	10900.00	90.00	270.39	7730.00	2838.86	-3075.98	-2006.85	0.00	1150360.27	3244407.75	39.742817	-104.630857
	11000.00	90.00	270.39	7730.00	2934.02	-3075.29	-2106.84	0.00	1150359.97	3244307.75	39.742818	-104.631213
	11100.00	90.00	270.39	7730.00	3029.19	-3074.61	-2206.84	0.00	1150359.66	3244207.75	39.742820	-104.631569
	11200.00	90.00	270.39	7730.00	3124.35	-3073.93	-2306.84	0.00	1150359.36	3244107.75	39.742822	-104.631924
	11300.00	90.00	270.39	7730.00	3219.52	-3073.24	-2406.84	0.00	1150359.05	3244007.75	39.742824	-104.632280
	11400.00	90.00	270.39	7730.00	3314.68	-3072.56	-2506.83	0.00	1150358.75	3243907.75	39.742826	-104.632635
	11500.00	90.00	270.39	7730.00	3409.85	-3071.88	-2606.83	0.00	1150358.44	3243807.75	39.742828	-104.632991
	11600.00	90.00	270.39	7730.00	3505.01	-3071.19	-2706.83	0.00	1150358.14	3243707.76	39.742830	-104.633347
	11700.00	90.00	270.39	7730.00	3600.18	-3070.51	-2806.83	0.00	1150357.83	3243607.76	39.742831	-104.633702
	11800.00	90.00	270.39	7730.00	3695.34	-3069.83	-2906.82	0.00	1150357.53	3243507.76	39.742833	-104.634058
	11900.00	90.00	270.39	7730.00	3790.51	-3069.14	-3006.82	0.00	1150357.22	3243407.76	39.742835	-104.634413
	12000.00	90.00	270.39	7730.00	3885.67	-3068.46	-3106.82	0.00	1150356.92	3243307.76	39.742837	-104.634769
	12100.00	90.00	270.39	7730.00	3980.84	-3067.78	-3206.82	0.00	1150356.61	3243207.76	39.742839	-104.635125
	12200.00	90.00	270.39	7730.00	4076.00	-3067.10	-3306.82	0.00	1150356.31	3243107.76	39.742841	-104.635480
	12300.00	90.00	270.39	7730.00	4171.17	-3066.41	-3406.81	0.00	1150356.00	3243007.76	39.742842	-104.635836
	12400.00	90.00	270.39	7730.00	4266.33	-3065.73	-3506.81	0.00	1150355.70	3242907.76	39.742844	-104.636191
	12500.00	90.00	270.39	7730.00	4361.50	-3065.05	-3606.81	0.00	1150355.39	3242807.77	39.742846	-104.636547
	12600.00	90.00	270.39	7730.00	4456.66	-3064.36	-3706.81	0.00	1150355.09	3242707.77	39.742848	-104.636903
	12700.00	90.00	270.39	7730.00	4551.83	-3063.68	-3806.80	0.00	1150354.78	3242607.77	39.742850	-104.637258
	12800.00	90.00	270.39	7730.00	4646.99	-3063.00	-3906.80	0.00	1150354.48	3242507.77	39.742852	-104.637614
	12900.00	90.00	270.39	7730.00	4742.16	-3062.31	-4006.80	0.00	1150354.17	3242407.77	39.742853	-104.637969
	13000.00	90.00	270.39	7730.00	4837.32	-3061.63	-4106.80	0.00	1150353.87	3242307.77	39.742855	-104.638325
	13100.00	90.00	270.39	7730.00	4932.49	-3060.95	-4206.79	0.00	1150353.56	3242207.77	39.742857	-104.638681
	13200.00	90.00	270.39	7730.00	5027.65	-3060.26	-4306.79	0.00	1150353.26	3242107.77	39.742859	-104.639036
	13300.00	90.00	270.39	7730.00	5122.82	-3059.58	-4406.79	0.00	1150352.95	3242007.78	39.742861	-104.639392
	13400.00	90.00	270.39	7730.00	5217.98	-3058.90	-4506.79	0.00	1150352.65	3241907.78	39.742863	-104.639747
	13500.00	90.00	270.39	7730.00	5313.15	-3058.21	-4606.78	0.00	1150352.34	3241807.78	39.742864	-104.640103
	13600.00	90.00	270.39	7730.00	5408.31	-3057.53	-4706.78	0.00	1150352.04	3241707.78	39.742866	-104.640458
	13700.00	90.00	270.39	7730.00	5503.48	-3056.85	-4806.78	0.00	1150351.73	3241607.78	39.742868	-104.640814
	13800.00	90.00	270.39	7730.00	5598.64	-3056.17	-4906.78	0.00	1150351.43	3241507.78	39.742870	-104.641170
	13900.00	90.00	270.39	7730.00	5693.81	-3055.48	-5006.78	0.00	1150351.12	3241407.78	39.742872	-104.641525
	14000.00	90.00	270.39	7730.00	5788.97	-3054.80	-5106.77	0.00	1150350.82	3241307.78	39.742874	-104.641881
	14100.00	90.00	270.39	7730.00	5884.14	-3054.12	-5206.77	0.00	1150350.51	3241207.79	39.742875	-104.642236
	14200.00	90.00	270.39	7730.00	5979.30	-3053.43	-5306.77	0.00	1150350.21	3241107.79	39.742877	-104.642592
	14300.00	90.00	270.39	7730.00	6074.47	-3052.75	-5406.77	0.00	1150349.90	3241007.79	39.742879	-104.642948
	14400.00	90.00	270.39	7730.00	6169.63	-3052.07	-5506.76	0.00	1150349.60	3240907.79	39.742881	-104.643303
	14500.00	90.00	270.39	7730.00	6264.80	-3051.38	-5606.76	0.00	1150349.29	3240807.79	39.742883	-104.643659
	14600.00	90.00	270.39	7730.00	6359.96	-3050.70	-5706.76	0.00	1150348.99	3240707.79	39.742884	-104.644014
	14700.00	90.00	270.39	7730.00	6455.12	-3050.02	-5806.76	0.00	1150348.68	3240607.79	39.742886	-104.644370
	14800.00	90.00	270.39	7730.00	6550.29	-3049.33	-5906.75	0.00	1150348.38	3240507.79	39.742888	-104.644726
	14900.00	90.00	270.39	7730.00	6645.45	-3048.65	-6006.75	0.00	1150348.07	3240407.79	39.742890	-104.645081
	15000.00	90.00	270.39	7730.00	6740.62	-3047.97	-6106.75	0.00	1150347.			

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	18000.00	90.00	270.39	7730.00	9595.57	-3027.47	-9106.68	0.00	1150338.61	3237307.83	39.742945	-104.656105
	18100.00	90.00	270.39	7730.00	9690.73	-3026.79	-9206.68	0.00	1150338.31	3237207.83	39.742947	-104.656460
	18200.00	90.00	270.39	7730.00	9785.90	-3026.11	-9306.68	0.00	1150338.00	3237107.83	39.742949	-104.656816
	18300.00	90.00	270.39	7730.00	9881.06	-3025.42	-9406.67	0.00	1150337.70	3237007.84	39.742951	-104.657172
	18400.00	90.00	270.39	7730.00	9976.23	-3024.74	-9506.67	0.00	1150337.39	3236907.84	39.742952	-104.657527
Reserve 3-65 35-34 4AH BHL	18485.74	90.00	270.39	7730.00	10057.82	-3024.16	-9592.41	0.00	1150337.13	3236822.10	39.742954	-104.657832

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	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-NON_SLB-Depth Only	Original Hole / Reserve 3-65 35-34 4AH Plan #1
	1	28.000	2000.000	1/100.000	13.500	9.625		NAL_MWD-NON_SLB	Original Hole / Reserve 3-65 35-34 4AH Plan #1
	1	2000.000	18485.740	1/100.000	8.500	5.500		NAL_MWD_PLUS_0.5_DEG	Original Hole / Reserve 3-65 35-34 4AH Plan #1