

Grande 4-65 20-19 1AH Plan #0 Proposal Geodetic Report

(Def Plan)

Report Date: May 21, 2020 - 09:49 AM
Client: Crestone Peak Resources
Field: CO, Arapahoe County (NAD 83 CZ)
Structure / Slot: Crestone Peak 21-04S-65W (Grande North Pad) / Grande 4-65 20-19 1AH
Well: Grande 4-65 20-19 1AH
Borehole: Original Hole
UWI / API#: Unknown / Unknown
Survey Name: Grande 4-65 20-19 1AH Plan #0
Survey Date: March 19, 2020
Tort / AHD / DDI / ERD Ratio: 96.727 ° / 11112.664 ft / 6.392 / 1.411
Coordinate Reference System: NAD83 Colorado State Plane, Central Zone, US Feet
Location Lat / Long: N 39° 41' 39.23160", W 104° 40' 32.60640"
Location Grid N/E Y/X: N 1678804.970 ftUS, E 3231952.747 ftUS
CRS Grid Convergence Angle: 0.5199 °
Grid Scale Factor: 0.99989844
Version / Patch: 2.10.810.1

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 272.889 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB 28ft
TVD Reference Elevation: 5687.400 ft above MSL
Seabed / Ground Elevation: 5659.400 ft above MSL
Magnetic Declination: 8.573 °
Total Gravity Field Strength: 998.9116mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 51549.536 nT
Magnetic Dip Angle: 66.336 °
Declination Date: May 18, 2020
Magnetic Declination Model: HDGM 2020
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North-True North: 8.5733 °
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	1678804.97	3231952.75	39.694231	-104.675724
Build 1 DLS	100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	1678804.97	3231952.75	39.694231	-104.675724	
	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	1678804.97	3231952.75	39.694231	-104.675724	
	250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	1678804.97	3231952.75	39.694231	-104.675724	
	300.00	0.50	0.00	300.00	0.01	0.22	0.00	1.00	1678805.19	3231952.75	39.694232	-104.675724	
Hold	400.00	1.50	0.00	399.98	0.10	1.96	0.00	1.00	1678806.93	3231952.73	39.694236	-104.675724	
	449.86	2.00	0.00	449.82	0.18	3.49	0.00	1.00	1678808.46	3231952.72	39.694241	-104.675724	
	500.00	2.00	0.00	499.93	0.26	5.23	0.00	0.00	1678810.20	3231952.70	39.694245	-104.675724	
	600.00	2.00	0.00	599.87	0.44	8.72	0.00	0.00	1678813.69	3231952.67	39.694255	-104.675724	
Drop 1 DLS	700.00	2.00	0.00	699.81	0.62	12.21	0.00	0.00	1678817.18	3231952.64	39.694265	-104.675724	
	800.00	2.00	0.00	799.75	0.79	15.70	0.00	0.00	1678820.67	3231952.60	39.694274	-104.675724	
	823.44	2.00	0.00	823.18	0.83	16.51	0.00	0.00	1678821.48	3231952.60	39.694276	-104.675724	
	900.00	1.23	0.00	899.70	0.94	18.67	0.00	1.00	1678823.64	3231952.58	39.694282	-104.675724	
Hold Vertical	1000.00	0.23	0.00	999.69	1.01	19.95	0.00	1.00	1678824.92	3231952.57	39.694286	-104.675724	
	1023.31	0.00	0.00	1023.00	1.01	20.00	0.00	1.00	1678824.97	3231952.57	39.694286	-104.675724	
	1100.00	0.00	0.00	1099.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	1200.00	0.00	0.00	1199.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	1300.00	0.00	0.00	1299.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	1400.00	0.00	0.00	1399.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	1500.00	0.00	0.00	1499.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	1600.00	0.00	0.00	1599.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	1700.00	0.00	0.00	1699.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	1800.00	0.00	0.00	1799.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	1900.00	0.00	0.00	1899.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2000.00	0.00	0.00	1999.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2100.00	0.00	0.00	2099.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2200.00	0.00	0.00	2199.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2300.00	0.00	0.00	2299.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2400.00	0.00	0.00	2399.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2500.00	0.00	0.00	2499.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2600.00	0.00	0.00	2599.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2700.00	0.00	0.00	2699.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2800.00	0.00	0.00	2799.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	2900.00	0.00	0.00	2899.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	3000.00	0.00	0.00	2999.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	3100.00	0.00	0.00	3099.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	3200.00	0.00	0.00	3199.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	3300.00	0.00	0.00	3299.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	3400.00	0.00	0.00	3399.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	3500.00	0.00	0.00	3499.69	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724	
	Build 2 DLS	3500.31	0.00	0.00	3500.00	1.01	20.00	0.00	0.00	1678824.97	3231952.57	39.694286	-104.675724
	Hold	3600.00	1.99	311.26	3599.67	2.37	21.14	-1.30	2.00	1678826.10	3231951.25	39.694289	-104.675729
		3700.00	3.99	311.26	3699.53	6.46	24.59	-5.23	2.00	1678829.51	3231947.29	39.694299	-104.675743
		3800.00	5.99	311.26	3799.15	13.29	30.33	-11.77	2.00	1678835.19	3231940.70	39.694314	-104.675766
		3900.00	7.99	311.26	3898.40	22.83	38.36	-20.93	2.00	1678843.14	3231931.48	39.694336	-104.675798
		4000.00	9.99	311.26	3997.16	35.09	48.67	-32.68	2.00	1678853.34	3231919.63	39.694365	-104.675840
		4046.78	10.93	311.26	4043.17	41.75	54.27	-39.06	2.00	1678858.88	3231913.20	39.694380	-104.675863
		4100.00	10.93	311.26	4095.42	49.66	60.92	-46.65	0.00	1678865.47	3231905.55	39.694398	-104.675890
		4200.00	10.93	311.26	4193.60	64.52	73.43	-60.90	0.00	1678877.84	3231891.19	39.694433	-104.675940
		4300.00	10.93	311.26	4291.79	79.39	85.93	-75.15	0.00	1678890.22	3231876.82	39.694467	-104.675991
		4400.00	10.93	311.26	4389.98	94.25	98.44	-89.40	0.00	1678902.59	3231862.46	39.694501	-104.676042
		4500.00	10.93	311.26	4488.16	109.11	110.94	-103.65	0.00	1678914.97	3231848.09	39.694536	-104.676092
		4600.00	10.93	311.26	4586.35	123.98	123.45	-117.91	0.00	1678927.34	3231833.73	39.694570	-104.676143
		4700.00	10.93	311.26	4684.54	138.84	135.95	-132.16	0.00	1678939.71	3231819.36	39.694604	-104.676194
		4800.00	10.93	311.26	4782.72	153.71	148.46	-146.41	0.00	1678952.09	3231805.00	39.694639	-104.676244
		4900.00	10.93	311.26	4880.91	168.57	160.96	-160.66	0.00	1678964.46	3231790.63	39.694673	-104.676295
		5000.00	10.93	311.26	4979.09	183.44	173.46	-174.92	0.00	1678976.84	3231776.27	39.694707	-104.676346
5100.00		10.93	311.26	5077.28	198.30	185.97	-189.17	0.00	1678989.21	3231761.90	39.694742	-104.676396	
5200.00		10.93	311.26	5175.47	213.17	198.47	-203.42	0.00	1679001.59	3231747.54	39.694776	-104.676447	
5300.00		10.93	311.26	5273.65	228.03	210.98	-217.67	0.00	1679013.96	3231733.17	39.694810	-104.676498	
5400.00		10.93	311.26	5371.84	242.89	223.48	-231.92	0.00	1679026.34	3231718.81	39.694845	-104.676548	
5500.00		10.93	311.26	5470.02	257.76	235.99	-246.18	0.00	1679038.71	3231704.44	39.694879	-104.676599	
5600.00		10.93	311.26	5568.21	272.62	248.49	-260.43	0.00	1679051.08	3231690.08	39.694913	-104.676649	
5700.00		10.93	311.26	5666.40	287.49	260.99	-274.68	0.00	1679063.46	3231675.71	39.694947	-104.676700	
5800.00		10.93	311.26	5764.58	302.35	273.50	-288.93	0.00	1679075.83	3231661.35	39.694982	-104.676751	
5900.00		10.93	311.26	5862.77	317.22	286.00	-303.19	0.00	1679088.21	3231646.98	39.695016	-104.676801	
6000.00		10.93	311.26	5960.95	332.08	298.51	-317.44	0.00	1679100.58	3231632.62	39.695050	-104.676852	
6100.00		10.93	311.26	6059.14	346.94	311.01	-331.69	0.00	1679112.96	3231618.25	39.695085	-104.676903	
6200.00		10.93	311.26	6157.33	361.81	323.52	-345.94	0.00	1679125.33	3231603.89	39.695119	-104.676953	
6300.00		10.93	311.26	6255.51	376.67	336.02	-360.19	0.00	1679137.70	3231589.52	39.695153	-104.677004	
6400.00		10.93	311.26	6353.70	391.54	348.52	-374.45	0.00	1679150.08	3231575.16	39.695188	-104.677055	
6500.00		10.93	311.26	6451.89	406.40	361.03	-388.70	0.00	1679162.45	3231560.79	39.695222	-104.677105	
6600.00		10.93	311.26	6550.07	421.27	373.53	-402.95	0.00	1679174.83	3231546.43	39.695256	-104.677156	
6700.00		10.93	311.26	6648.26	436.13	386.04	-417.20	0.00	1679187.20	3231532.06	39.695291	-104.677207	
6800.00		10.93	311.26	6746.44	451.00	398.54	-431.46	0.00	1679199.58	3231517.70	39.695325	-104.677257	
6900.00		10.93	311.26	6844.63	465.86	411.05	-445.71	0.00	1679211.95	3231503.33	39.695359	-104.677308	
7000.00		10.93	311.26	6942.82	480.72	423.55	-459.96	0.00	1679224.32	3231488.97	39.695394	-104.677359	
7100.00</													

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
KOP, Build/Turn 8 DLS	7200.00	10.93	311.26	7139.19	510.45	448.56	-488.46	0.00	1679249.07	3231460.24	39.695462	-104.677460
	7300.00	10.93	311.26	7237.37	525.32	461.06	-502.72	0.00	1679261.45	3231445.87	39.695497	-104.677510
	7329.01	10.93	311.26	7265.86	529.63	464.69	-506.85	0.00	1679265.04	3231441.71	39.695507	-104.677525
	7400.00	15.63	297.11	7334.95	543.64	473.49	-520.43	8.00	1679273.72	3231428.05	39.695531	-104.677573
	7500.00	22.99	287.50	7429.28	574.87	485.52	-551.10	8.00	1679285.47	3231397.27	39.695564	-104.677682
	7600.00	30.67	282.44	7518.46	618.99	496.90	-594.70	8.00	1679296.45	3231353.57	39.695595	-104.677837
	7700.00	38.46	279.26	7600.75	675.14	507.42	-650.39	8.00	1679306.46	3231297.79	39.695624	-104.678035
	7800.00	46.32	277.03	7674.55	742.22	516.87	-717.08	8.00	1679315.30	3231231.01	39.695650	-104.678272
	7900.00	54.21	275.31	7738.43	818.94	525.06	-793.48	8.00	1679322.80	3231154.54	39.695672	-104.678544
	8000.00	62.12	273.91	7791.13	903.79	531.83	-878.10	8.00	1679328.81	3231069.87	39.695691	-104.678844
TPZ Point, Hold to TD	8100.00	70.05	272.70	7831.64	995.13	537.06	-969.29	8.00	1679333.21	3230978.64	39.695705	-104.679168
	8200.00	77.98	271.60	7859.16	1091.17	540.65	-1065.28	8.00	1679335.92	3230882.62	39.695715	-104.679510
	8300.00	85.91	270.57	7873.16	1190.06	542.51	-1164.19	8.00	1679336.89	3230783.70	39.695720	-104.679861
	8351.52	90.00	270.05	7875.00	1241.48	542.79	-1215.66	8.00	1679336.70	3230732.23	39.695721	-104.680044
	8400.00	90.00	270.05	7875.00	1289.90	542.83	-1264.15	0.00	1679336.30	3230683.74	39.695721	-104.680216
	8500.00	90.00	270.05	7875.00	1389.78	542.91	-1364.15	0.00	1679335.48	3230583.75	39.695721	-104.680572
	8600.00	90.00	270.05	7875.00	1489.65	543.00	-1464.15	0.00	1679334.65	3230483.75	39.695722	-104.680927
	8700.00	90.00	270.05	7875.00	1589.53	543.08	-1564.15	0.00	1679333.83	3230383.76	39.695722	-104.681282
	8800.00	90.00	270.05	7875.00	1689.41	543.16	-1664.15	0.00	1679333.01	3230283.76	39.695722	-104.681638
	8900.00	90.00	270.05	7875.00	1789.29	543.25	-1764.15	0.00	1679332.18	3230183.77	39.695722	-104.681993
	9000.00	90.00	270.05	7875.00	1889.16	543.33	-1864.15	0.00	1679331.36	3230083.77	39.695722	-104.682348
	9100.00	90.00	270.05	7875.00	1989.04	543.42	-1964.15	0.00	1679330.54	3229983.78	39.695723	-104.682704
	9200.00	90.00	270.05	7875.00	2088.92	543.50	-2064.15	0.00	1679329.71	3229883.78	39.695723	-104.683059
	9300.00	90.00	270.05	7875.00	2188.79	543.58	-2164.15	0.00	1679328.89	3229783.79	39.695723	-104.683415
	9400.00	90.00	270.05	7875.00	2288.67	543.67	-2264.15	0.00	1679328.06	3229683.79	39.695723	-104.683770
	9500.00	90.00	270.05	7875.00	2388.55	543.75	-2364.15	0.00	1679327.24	3229583.79	39.695723	-104.684125
	9600.00	90.00	270.05	7875.00	2488.42	543.83	-2464.15	0.00	1679326.42	3229483.80	39.695724	-104.684481
	9700.00	90.00	270.05	7875.00	2588.30	543.92	-2564.15	0.00	1679325.59	3229383.80	39.695724	-104.684836
	9800.00	90.00	270.05	7875.00	2688.18	544.00	-2664.15	0.00	1679324.77	3229283.81	39.695724	-104.685191
	9900.00	90.00	270.05	7875.00	2788.06	544.09	-2764.15	0.00	1679323.95	3229183.81	39.695724	-104.685547
	10000.00	90.00	270.05	7875.00	2887.93	544.17	-2864.15	0.00	1679323.12	3229083.82	39.695724	-104.685902
	10100.00	90.00	270.05	7875.00	2987.81	544.25	-2964.15	0.00	1679322.30	3228983.82	39.695725	-104.686257
	10200.00	90.00	270.05	7875.00	3087.69	544.34	-3064.15	0.00	1679321.48	3228883.83	39.695725	-104.686613
	10300.00	90.00	270.05	7875.00	3187.56	544.42	-3164.15	0.00	1679320.65	3228783.83	39.695725	-104.686968
	10400.00	90.00	270.05	7875.00	3287.44	544.50	-3264.15	0.00	1679319.83	3228683.84	39.695725	-104.687324
	10500.00	90.00	270.05	7875.00	3387.32	544.59	-3364.15	0.00	1679319.01	3228583.84	39.695725	-104.687679
	10600.00	90.00	270.05	7875.00	3487.20	544.67	-3464.15	0.00	1679318.18	3228483.85	39.695726	-104.688034
	10700.00	90.00	270.05	7875.00	3587.07	544.76	-3564.15	0.00	1679317.36	3228383.85	39.695726	-104.688390
	10800.00	90.00	270.05	7875.00	3686.95	544.84	-3664.15	0.00	1679316.54	3228283.86	39.695726	-104.688745
	10900.00	90.00	270.05	7875.00	3786.83	544.92	-3764.15	0.00	1679315.71	3228183.86	39.695726	-104.689100
	11000.00	90.00	270.05	7875.00	3886.70	545.01	-3864.15	0.00	1679314.89	3228083.86	39.695726	-104.689456
	11100.00	90.00	270.05	7875.00	3986.58	545.09	-3964.15	0.00	1679314.07	3227983.87	39.695727	-104.689811
	11200.00	90.00	270.05	7875.00	4086.46	545.18	-4064.15	0.00	1679313.24	3227883.87	39.695727	-104.690166
	11300.00	90.00	270.05	7875.00	4186.34	545.26	-4164.15	0.00	1679312.42	3227783.88	39.695727	-104.690522
	11400.00	90.00	270.05	7875.00	4286.21	545.34	-4264.15	0.00	1679311.59	3227683.88	39.695727	-104.690877
	11500.00	90.00	270.05	7875.00	4386.09	545.43	-4364.15	0.00	1679310.77	3227583.89	39.695727	-104.691233
	11600.00	90.00	270.05	7875.00	4485.97	545.51	-4464.15	0.00	1679309.95	3227483.89	39.695727	-104.691588
	11700.00	90.00	270.05	7875.00	4585.84	545.59	-4564.14	0.00	1679309.12	3227383.90	39.695728	-104.691943
	11800.00	90.00	270.05	7875.00	4685.72	545.68	-4664.14	0.00	1679308.30	3227283.90	39.695728	-104.692299
	11900.00	90.00	270.05	7875.00	4785.60	545.76	-4764.14	0.00	1679307.48	3227183.91	39.695728	-104.692654
	12000.00	90.00	270.05	7875.00	4885.47	545.85	-4864.14	0.00	1679306.65	3227083.91	39.695728	-104.693009
	12100.00	90.00	270.05	7875.00	4985.35	545.93	-4964.14	0.00	1679305.83	3226983.92	39.695728	-104.693365
	12200.00	90.00	270.05	7875.00	5085.23	546.01	-5064.14	0.00	1679305.01	3226883.92	39.695729	-104.693720
	12300.00	90.00	270.05	7875.00	5185.11	546.10	-5164.14	0.00	1679304.18	3226783.93	39.695729	-104.694075
	12400.00	90.00	270.05	7875.00	5284.98	546.18	-5264.14	0.00	1679303.36	3226683.93	39.695729	-104.694431
	12500.00	90.00	270.05	7875.00	5384.86	546.26	-5364.14	0.00	1679302.54	3226583.93	39.695729	-104.694786
	12600.00	90.00	270.05	7875.00	5484.74	546.35	-5464.14	0.00	1679301.71	3226483.94	39.695729	-104.695141
	12700.00	90.00	270.05	7875.00	5584.61	546.43	-5564.14	0.00	1679300.89	3226383.94	39.695729	-104.695497
	12800.00	90.00	270.05	7875.00	5684.49	546.52	-5664.14	0.00	1679300.07	3226283.95	39.695730	-104.695852
	12900.00	90.00	270.05	7875.00	5784.37	546.60	-5764.14	0.00	1679299.24	3226183.95	39.695730	-104.696208
	13000.00	90.00	270.05	7875.00	5884.25	546.68	-5864.14	0.00	1679298.42	3226083.96	39.695730	-104.696563
	13100.00	90.00	270.05	7875.00	5984.12	546.77	-5964.14	0.00	1679297.60	3225983.96	39.695730	-104.696918
	13200.00	90.00	270.05	7875.00	6084.00	546.85	-6064.14	0.00	1679296.77	3225883.97	39.695730	-104.697274
	13300.00	90.00	270.05	7875.00	6183.88	546.94	-6164.14	0.00	1679295.95	3225783.97	39.695730	-104.697629
	13400.00	90.00	270.05	7875.00	6283.75	547.02	-6264.14	0.00	1679295.12	3225683.98	39.695731	-104.697984
	13500.00	90.00	270.05	7875.00	6383.63	547.10	-6364.14	0.00	1679294.30	3225583.98	39.695731	-104.698340
	13600.00	90.00										

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	17600.00	90.00	270.05	7875.00	10478.59	550.54	-10464.14	0.00	1679260.54	3221484.17	39.695736	-104.712910
	17700.00	90.00	270.05	7875.00	10578.47	550.62	-10564.14	0.00	1679259.71	3221384.18	39.695737	-104.713265
	17800.00	90.00	270.05	7875.00	10678.35	550.71	-10664.14	0.00	1679258.89	3221284.18	39.695737	-104.713620
	17900.00	90.00	270.05	7875.00	10778.22	550.79	-10764.14	0.00	1679258.07	3221184.19	39.695737	-104.713976
	18000.00	90.00	270.05	7875.00	10878.10	550.87	-10864.14	0.00	1679257.24	3221084.19	39.695737	-104.714331
Grande 4-65 20-19 1AH BHL	18052.05	90.00	270.05	7875.00	10930.08	550.92	-10916.19	0.00	1679256.81	3221032.14	39.695737	-104.714516

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-NON_SLB-Depth Only	Original Hole / Grande 4-65 20-19 1AH Plan #0
	1	28.000	2200.000	1/100.000	13.500	9.625		NAL_MWD-NON_SLB	Original Hole / Grande 4-65 20-19 1AH Plan #0
	1	2200.000	18052.048	1/100.000	8.500	5.500		NAL_MWD_PLUS_0.5_DEG	Original Hole / Grande 4-65 20-19 1AH Plan #0