

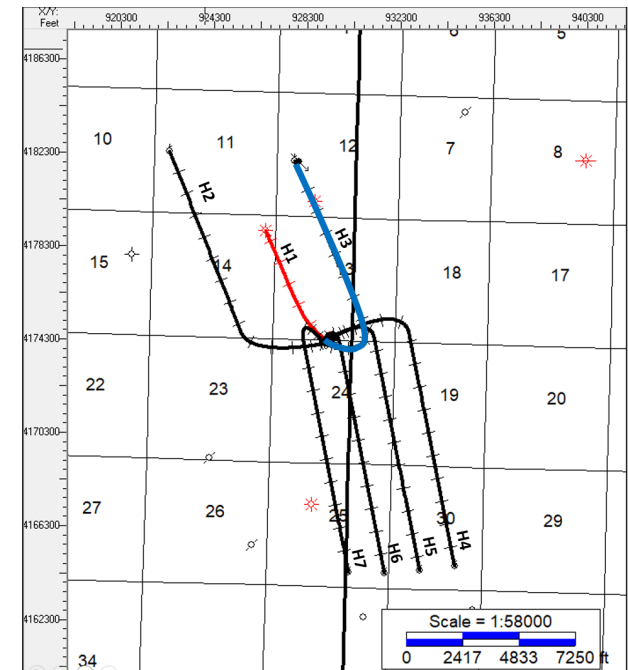
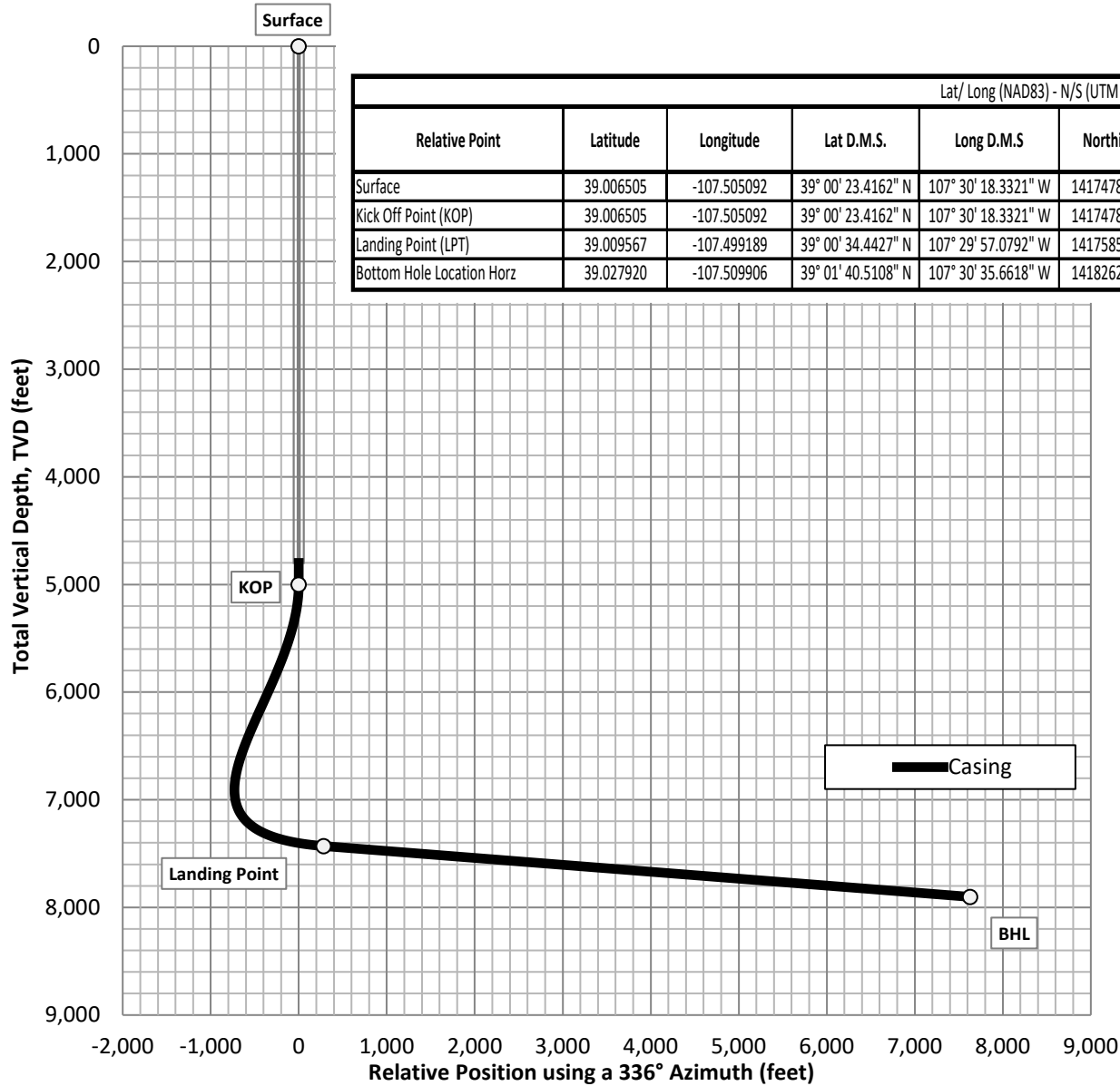
Directional Drilling Plan

Iron Point H3



GUNNISON ENERGY LLC

Lat/ Long (NAD83) - N/S (UTM 13 N NAD 83)												
Relative Point	Latitude	Longitude	Lat D.M.S.	Long D.M.S	Northing	Easting	MD (ft)	TVD (ft)	Inclination (deg)	Azimuth (deg)	N/S (ft)	E/W (ft)
Surface	39.006505	-107.505092	39° 00' 23.4162" N	107° 30' 18.3321" W	14174788.26	928754.79	0.0	0	0.0	0.0	0.00	0.00
Kick Off Point (KOP)	39.006505	-107.505092	39° 00' 23.4162" N	107° 30' 18.3321" W	14174788.26	928754.79	5000.0	5000.00	0.0	0.0	0.00	0.00
Landing Point (LPT)	39.009567	-107.499189	39° 00' 34.4427" N	107° 29' 57.0792" W	14175857.49	930462.78	9006.5	7430.00	86.4	336.2	1069.20	1707.99
Bottom Hole Location Horz	39.027920	-107.509906	39° 01' 40.5108" N	107° 30' 35.6618" W	14182624.33	927602.28	16368.4	7902.00	86.3	336.8	7836.16	-1152.60



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MD	TVD	Inclination	Azimuth	North	East	Comments
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	Surface
100.00000	100.00010	0.00000	0.00000	0.00000	0.00000	
200.00000	200.00009	0.00000	0.00000	0.00000	0.00000	
300.00000	300.00009	0.00000	0.00000	0.00000	0.00000	
400.00000	400.00009	0.00000	0.00000	0.00000	0.00000	
500.00000	500.00009	0.00000	0.00000	0.00000	0.00000	
600.00000	600.00006	0.00000	0.00000	0.00000	0.00000	
700.00000	700.00006	0.00000	0.00000	0.00000	0.00000	
800.00000	800.00006	0.00000	0.00000	0.00000	0.00000	
900.00000	900.00006	0.00000	0.00000	0.00000	0.00000	
1000.00000	1000.00006	0.00000	0.00000	0.00000	0.00000	
1100.00000	1100.00012	0.00000	0.00000	0.00000	0.00000	
1200.00000	1200.00012	0.00000	0.00000	0.00000	0.00000	
1300.00000	1300.00012	0.00000	0.00000	0.00000	0.00000	
1400.00000	1400.00012	0.00000	0.00000	0.00000	0.00000	
1500.00000	1500.00012	0.00000	0.00000	0.00000	0.00000	
1600.00000	1600.00012	0.00000	0.00000	0.00000	0.00000	
1700.00000	1700.00012	0.00000	0.00000	0.00000	0.00000	
1800.00000	1800.00012	0.00000	0.00000	0.00000	0.00000	
1900.00000	1900.00012	0.00000	0.00000	0.00000	0.00000	
2000.00000	2000.00000	0.00000	0.00000	0.00000	0.00000	
2100.00000	2100.00000	0.00000	0.00000	0.00000	0.00000	
2200.00000	2200.00000	0.00000	0.00000	0.00000	0.00000	
2300.00000	2300.00000	0.00000	0.00000	0.00000	0.00000	
2400.00000	2400.00000	0.00000	0.00000	0.00000	0.00000	
2500.00000	2500.00000	0.00000	0.00000	0.00000	0.00000	
2600.00000	2600.00000	0.00000	0.00000	0.00000	0.00000	
2700.00000	2700.00000	0.00000	0.00000	0.00000	0.00000	
2800.00000	2800.00000	0.00000	0.00000	0.00000	0.00000	
2900.00000	2900.00000	0.00000	0.00000	0.00000	0.00000	
3000.00000	3000.00000	0.00000	0.00000	0.00000	0.00000	
3100.00000	3100.00000	0.00000	0.00000	0.00000	0.00000	
3200.00000	3200.00000	0.00000	0.00000	0.00000	0.00000	
3300.00000	3300.00000	0.00000	0.00000	0.00000	0.00000	
3400.00000	3400.00000	0.00000	0.00000	0.00000	0.00000	
3500.00000	3500.00000	0.00000	0.00000	0.00000	0.00000	
3600.00000	3600.00000	0.00000	0.00000	0.00000	0.00000	
3700.00000	3700.00000	0.00000	0.00000	0.00000	0.00000	
3800.00000	3800.00000	0.00000	0.00000	0.00000	0.00000	
3900.00000	3900.00000	0.00000	0.00000	0.00000	0.00000	
4000.00000	4000.00000	0.00000	0.00000	0.00000	0.00000	
4100.00000	4100.00000	0.00000	0.00000	0.00000	0.00000	
4200.00000	4200.00000	0.00000	0.00000	0.00000	0.00000	
4300.00000	4300.00000	0.00000	0.00000	0.00000	0.00000	
4400.00000	4400.00000	0.00000	0.00000	0.00000	0.00000	
4500.00000	4500.00000	0.00000	0.00000	0.00000	0.00000	

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MD	TVD	Inclination	Azimuth	North	East	Comments
4600.00000	4600.00000	0.00000	0.00000	0.00000	0.00000	
4700.00000	4700.00000	0.00000	0.00000	0.00000	0.00000	
4800.00000	4800.00000	0.00000	0.00000	0.00000	0.00000	
4900.00000	4900.00000	0.00000	0.00000	0.00000	0.00000	
5000.00000	5000.00000	0.00000	0.00000	0.00000	0.00000	KOP
5032.60352	5032.59082	2.79197	108.79724	-0.25591	0.75185	
5065.34961	5065.24902	5.45943	108.56507	-1.00898	2.98393	
5098.29980	5097.96777	8.05537	108.40658	-2.23723	6.66103	
5130.69629	5129.93994	10.45378	108.20582	-3.87243	11.60735	
5163.38379	5161.95605	12.77939	108.03604	-5.91855	17.86284	
5195.57275	5193.20752	14.91137	107.83736	-8.28967	25.19120	
5228.10693	5224.48877	16.97653	107.66003	-11.01309	33.70269	
5261.01318	5255.79297	18.90720	107.45467	-14.06989	43.36699	
5293.45313	5286.31055	20.72685	107.27026	-17.35091	53.86345	
5326.28271	5316.83887	22.42349	107.06176	-20.91296	65.39756	
5358.63379	5346.56787	24.02202	106.87109	-24.63461	77.59848	
5391.37402	5376.29639	25.50994	106.65870	-28.58994	90.73069	
5423.60840	5405.21484	26.91276	106.46223	-32.64727	104.37724	
5456.21875	5434.12305	28.21703	106.24561	-36.89561	118.85707	
5489.20605	5463.01563	29.48310	106.03781	-41.32010	134.14636	
5521.63672	5491.08594	30.62395	105.81626	-45.77640	149.76434	
5554.41895	5519.13232	31.73734	105.60311	-50.37144	166.10298	
5586.59766	5546.35010	32.73633	105.37663	-54.95507	182.64411	
5619.09863	5573.53711	33.71729	105.15831	-59.64416	199.82455	
5651.91602	5600.68896	34.62019	104.92023	-64.42619	217.62423	
5684.06250	5627.00537	35.48402	104.69646	-69.14456	235.47355	
5717.47949	5654.07666	36.30206	104.44624	-74.07301	254.43471	
5749.19678	5679.51221	37.06230	104.21679	-78.76264	272.79204	
5782.16602	5705.69531	37.78323	103.96136	-83.63942	292.22447	
5814.38037	5731.03564	38.47471	103.71877	-88.39704	311.53711	
5847.84277	5757.11328	39.12965	103.44986	-93.32170	331.91909	
5879.49072	5781.55664	39.73935	103.20128	-97.95473	351.48043	
5912.36621	5806.73047	40.31743	102.92665	-102.73388	372.07763	
5945.44092	5831.84131	40.89089	102.65508	-107.49930	393.06953	
5977.66211	5856.10547	41.39914	102.37395	-112.09283	413.76603	
6010.04883	5880.30420	41.90713	102.09605	-116.65416	434.80201	
6042.59082	5904.43506	42.36960	101.79929	-121.17378	456.16226	
6075.27734	5928.49463	42.83363	101.50517	-125.64218	477.83154	
6108.09668	5952.47998	43.25396	101.19146	-130.04985	499.79464	
6141.03760	5976.38818	43.67746	100.87976	-134.38731	522.03634	
6173.02100	5999.44824	44.04630	100.55820	-138.50902	543.81149	
6206.16748	6023.19531	44.43336	100.22802	-142.68053	566.55695	
6238.32715	6046.09375	44.76749	99.88713	-146.62385	588.79109	
6270.55713	6068.90820	45.10981	99.54840	-150.46637	611.23004	
6303.92383	6092.39209	45.42300	99.17529	-154.32192	634.61746	
6336.26270	6115.02734	45.73412	98.81483	-157.93291	657.43032	

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MD	TVD	Inclination	Azimuth	North	East	Comments
6368.63867	6137.56982	46.00757	98.43137	-161.41697	680.40613	
6401.04053	6160.01709	46.29040	98.04794	-164.76548	703.53111	
6433.45654	6182.36670	46.53658	97.64030	-167.96983	726.79147	
6465.87598	6204.61523	46.79294	97.23183	-171.02140	750.17340	
6499.36768	6227.49609	47.02127	96.78352	-174.00504	774.44779	
6531.75928	6249.53076	47.25212	96.34682	-176.71940	798.03438	
6564.12061	6271.45557	47.44876	95.88385	-179.25486	821.70070	
6596.43994	6293.26855	47.65636	95.41718	-181.60279	845.43295	
6628.70605	6314.96582	47.83058	94.92257	-183.75459	869.21734	
6661.98096	6337.26270	48.02214	94.40613	-185.76291	893.83466	
6694.10596	6358.71777	48.17473	93.87571	-187.48933	917.68251	
6727.21094	6380.75781	48.34512	93.32180	-189.03970	942.33595	
6759.14990	6401.95801	48.47750	92.75198	-190.30513	966.19023	
6792.04053	6423.72949	48.62813	92.15681	-191.36073	990.82084	
6824.80420	6445.35938	48.74588	91.52331	-192.15080	1015.41726	
6857.43018	6466.84473	48.87764	90.88123	-192.66582	1039.96428	
6889.90723	6488.18262	48.97747	90.19800	-192.89629	1064.44666	
6922.22412	6509.37012	49.09194	89.50402	-192.83270	1088.84919	
6955.40479	6531.07959	49.17857	88.74210	-192.44856	1113.93901	
6987.36475	6551.95117	49.27697	87.98895	-191.75809	1138.13236	
7020.15479	6573.32813	49.34874	87.16383	-190.70657	1162.97380	
7052.73047	6594.53125	49.43549	86.31826	-189.30056	1187.66422	
7085.08154	6615.55664	49.49421	85.42096	-187.52959	1212.18689	
7118.19775	6637.04980	49.57105	84.47069	-185.30998	1237.28248	
7150.06299	6657.70459	49.61911	83.49087	-182.76552	1261.41286	
7182.65869	6678.80811	49.68688	82.45370	-179.72599	1286.06827	
7214.97705	6699.70850	49.72949	81.34888	-176.25318	1310.47294	
7247.97607	6721.02490	49.79348	80.17763	-172.20984	1335.33549	
7280.66357	6742.11768	49.83485	78.92805	-167.68184	1359.89231	
7313.03223	6762.98193	49.89856	77.63990	-162.65664	1384.12330	
7346.01416	6784.21777	49.94524	76.22636	-156.95106	1408.70545	
7378.64746	6805.20264	50.01757	74.76331	-150.69164	1432.89914	
7410.92773	6825.93213	50.07650	73.20539	-143.86470	1456.68247	
7443.75977	6846.98340	50.16813	71.54571	-136.23622	1480.69412	
7476.21582	6867.75537	50.25328	69.77734	-127.97797	1504.22461	
7508.29736	6888.24268	50.37556	67.94581	-119.07505	1527.25010	
7540.88379	6908.99805	50.50386	65.94506	-109.23741	1550.36387	
7573.95020	6929.99023	50.68317	63.81338	-98.39171	1573.49367	
7606.62061	6950.64941	50.87826	61.55104	-86.77660	1595.97890	
7638.90967	6970.96875	51.13158	59.21046	-74.37456	1617.79151	
7671.66992	6991.46436	51.42224	56.67407	-60.80952	1639.44934	
7704.07080	7011.59033	51.78576	54.05605	-46.37823	1660.33886	
7736.14014	7031.34082	52.19577	51.31079	-31.06176	1680.42974	
7768.72168	7051.20020	52.70451	48.42445	-14.41321	1700.17442	
7801.83643	7071.13232	53.29366	45.34518	3.65995	1719.47354	
7833.91602	7090.15771	53.96945	42.28892	22.29695	1737.35228	

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MD	TVD	Inclination	Azimuth	North	East	Comments
7866.62256	7109.22070	54.74101	39.06918	42.45118	1754.67008	
7899.21484	7127.83350	55.62310	35.82667	63.69152	1770.93261	
7931.76416	7145.98779	56.58912	32.53604	86.03994	1786.10464	
7964.34766	7163.67725	57.66202	29.26481	109.51845	1800.15096	
7997.04883	7180.89453	58.81218	25.98787	134.14902	1813.03636	
8029.95703	7197.63232	60.05468	22.77289	159.95366	1824.72562	
8062.35059	7213.49316	61.32434	19.66877	186.28139	1834.94338	
8095.12061	7228.88428	62.66019	16.65925	213.76795	1843.95641	
8127.52246	7243.43115	63.99407	13.78389	241.70259	1851.55298	
8159.60791	7257.16406	65.33086	11.09281	270.01729	1857.79439	
8192.28418	7270.45508	66.67441	8.47193	299.43175	1862.86221	
8224.74805	7282.96631	67.99474	6.03983	329.14553	1866.64229	
8257.92871	7295.04785	69.30277	3.67992	359.93471	1869.25729	
8290.04492	7306.07666	70.53230	1.56542	390.06399	1870.63521	
8322.93750	7316.71191	71.73910	0.48904	421.18369	1870.92552	
8355.69336	7326.66211	72.90436	356.65771	452.37560	1870.14533	
8388.29102	7335.95654	73.96119	356.81873	483.56812	1868.36778	
8420.71484	7344.62451	75.03783	353.26999	514.68999	1865.66671	
8452.92578	7352.69385	75.94501	353.65421	545.67046	1862.11639	
8485.97363	7360.43848	76.95712	350.30264	577.47848	1857.63182	
8518.78125	7367.62012	77.75291	350.84033	609.05735	1852.38807	
8551.30762	7374.26758	78.66758	347.70535	640.33686	1846.46091	
8583.49414	7380.40820	79.33503	348.41876	671.24779	1839.92580	
8616.48047	7386.27393	80.18420	345.42868	702.86338	1832.58125	
8649.06738	7391.66748	80.76156	346.25864	734.02375	1824.72193	
8681.19531	7396.61572	81.52290	343.43210	764.66133	1816.42309	
8714.07324	7401.32080	82.02133	344.36307	795.92396	1807.39835	
8746.41797	7405.61426	82.72491	341.64456	826.57886	1798.02778	
8779.49121	7409.68018	83.15296	342.66528	857.82183	1787.96978	
8811.94824	7413.36719	83.80316	340.04132	888.37297	1777.65996	
8843.71191	7416.70117	84.14788	341.17319	918.16810	1767.17179	
8877.56152	7419.96973	84.77086	338.59982	949.80236	1755.58642	
8909.23242	7422.77686	85.06010	339.80304	979.29192	1744.38531	
8941.53125	7425.40137	85.61975	337.33102	1009.25511	1732.62267	
8974.46484	7427.84229	85.87963	338.56860	1039.69532	1720.29306	
9006.50684	7430.00000	86.39894	336.16113	1069.20000	1707.99000	Landing
9107.16211	7436.38965	86.32203	337.10959	1161.41432	1668.15281	
9208.17285	7442.83838	86.35696	336.67731	1254.13115	1628.59319	
9305.35254	7449.05322	86.30975	337.26215	1343.38240	1590.65262	
9407.42480	7455.58691	86.35048	336.75723	1437.15396	1550.86766	
9504.44531	7461.80029	86.30573	337.31210	1526.30149	1513.09043	
9606.51563	7468.33984	86.34772	336.79129	1620.09948	1473.37537	
9706.51172	7474.74805	86.30373	337.33713	1712.00121	1434.48685	
9808.08594	7481.25879	86.34621	336.80994	1805.35843	1395.00037	
9903.50488	7487.37598	86.30259	337.35123	1893.06311	1357.91742	
10004.39258	7493.84424	86.34532	336.82104	1985.79848	1318.71800	

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MD	TVD	Inclination	Azimuth	North	East	Comments
10103.51953	7500.20068	86.30186	337.36029	2076.91832	1280.20997	
10207.46875	7506.86670	86.34472	336.82843	2172.47394	1239.83461	
10300.42871	7512.82813	86.30139	337.36615	2257.92886	1203.73227	
10405.17773	7519.54590	86.34433	336.83325	2354.22294	1163.05545	
10505.62012	7525.98828	86.30106	337.37024	2446.55912	1124.05441	
10600.87109	7532.09766	86.34408	336.83643	2534.12383	1087.07161	
10699.17676	7538.40283	86.30086	337.37283	2624.49759	1048.90483	
10800.54980	7544.90527	86.34389	336.83859	2717.69290	1009.54852	
10905.00586	7551.60547	86.30071	337.37460	2813.72232	968.99715	
11002.65234	7557.86914	86.34379	336.84000	2903.49166	931.09058	
11102.86719	7564.29736	86.30063	337.37567	2995.62300	892.18762	
11195.26563	7570.22461	86.34372	336.84079	3080.56849	856.31960	
11300.38965	7576.96826	86.30058	337.37625	3177.21355	815.51204	
11397.22266	7583.17969	86.34369	336.84116	3266.23668	777.92313	
11496.16895	7589.52686	86.30057	337.37646	3357.20200	739.51435	
11597.23438	7596.00977	86.34369	336.84122	3450.11636	700.28266	
11700.42773	7602.62939	86.30058	337.37637	3544.98664	660.22502	
11793.94727	7608.62842	86.34370	336.84100	3630.96333	623.92241	
11901.17969	7615.50732	86.30060	337.37604	3729.54683	582.29639	
11998.30176	7621.73730	86.34373	336.84061	3818.83504	544.59485	
12097.12695	7628.07666	86.30064	337.37555	3909.68914	506.23166	
12197.66113	7634.52539	86.34378	336.84003	4002.11395	467.20469	
12299.90918	7641.08398	86.30069	337.37491	4096.11430	427.51182	
12390.78711	7646.91357	86.34384	336.83936	4179.66083	392.23264	
12496.26270	7653.67920	86.30075	337.37418	4276.62829	351.28546	
12589.97266	7659.68994	86.34390	336.83856	4362.77845	314.90548	
12698.69531	7666.66406	86.30082	337.37332	4462.72998	272.69650	
12795.25488	7672.85742	86.34398	336.83765	4551.49860	235.20917	
12893.14844	7679.13672	86.30089	337.37244	4641.49425	197.20284	
12992.38086	7685.50146	86.34406	336.83673	4732.72015	158.67608	
13092.95508	7691.95215	86.30096	337.37146	4825.17953	119.62745	
13194.87500	7698.48926	86.34413	336.83569	4918.87562	80.05555	
13298.14453	7705.11328	86.30105	337.37039	5013.81165	39.95893	
13387.73730	7710.85938	86.34422	336.83469	5096.17472	5.17170	
13493.52148	7717.64404	86.30113	337.36935	5193.42206	-35.90317	
13585.27539	7723.52930	86.34430	336.83362	5277.77103	-71.53101	
13693.58691	7730.47559	86.30122	337.36826	5377.34081	-113.58904	
13787.51270	7736.49951	86.34439	336.83249	5463.68521	-150.06171	
13882.44336	7742.58789	86.30131	337.36719	5550.95381	-186.92572	
13994.46973	7749.77295	86.34449	336.83130	5653.93796	-230.42954	
14091.58789	7756.00146	86.30141	337.36597	5743.21594	-268.14453	
14189.71875	7762.29443	86.34458	336.83017	5833.42455	-306.25372	
14288.86328	7768.65283	86.30150	337.36484	5924.56583	-344.75798	
14389.02637	7775.07666	86.34467	336.82901	6016.64180	-383.65823	
14490.20801	7781.56543	86.30159	337.36365	6109.65450	-422.95537	
14592.41211	7788.11963	86.34477	336.82782	6203.60596	-462.65028	

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MD	TVD	Inclination	Azimuth	North	East	Comments
14678.36426	7793.63135	86.30168	337.36255	6282.61742	-496.03388	
14782.44629	7800.30615	86.34486	336.82669	6378.29522	-536.46039	
14887.55664	7807.04639	86.30178	337.36130	6474.91755	-577.28722	
14975.93555	7812.71387	86.34496	336.82553	6556.15913	-611.61603	
15082.93652	7819.57520	86.30187	337.36011	6654.51836	-653.17913	
15190.97168	7826.50293	86.34506	336.82425	6753.82787	-695.14509	
15281.79297	7832.32666	86.30197	337.35892	6837.31318	-730.42513	
15391.73047	7839.37598	86.34516	336.82303	6938.37016	-773.13203	
15484.13867	7845.30127	86.30207	337.35773	7023.31454	-809.03076	
15577.27246	7851.27295	86.34525	336.82193	7108.92401	-845.21155	
15689.98926	7858.50049	86.30217	337.35648	7212.53496	-889.00156	
15784.71973	7864.57422	86.34534	336.82068	7299.61178	-925.80471	
15880.17773	7870.69482	86.30226	337.35535	7387.35747	-962.89159	
15976.36523	7876.86230	86.34544	336.81955	7475.77319	-1000.26270	
16073.28320	7883.07617	86.30235	337.35419	7564.86013	-1037.91858	
16170.93359	7889.33740	86.34554	336.81839	7654.61946	-1075.85975	
16269.31641	7895.64502	86.30244	337.35303	7745.05236	-1114.08671	
16368.43457	7902.00000	86.34563	336.81720	7836.16000	-1152.60000	TD