

Notable Intervals and Tops	MD	TVD	Inclination	Azimuth	DY	DX
Surface	0.00000	0	0.00000	0.00000	0.00000	0.00000
	100.36282	100.35818	0.96475	343.62921	0.81068	-0.23815
	198.44458	198.43069	0.59332	343.62921	2.09017	-0.61401
	297.45880	297.43295	1.15724	343.62921	3.54137	-1.04032
	399.23969	399.20023	0.69836	343.62921	5.12263	-1.50484
	497.82999	497.77634	1.22367	343.62921	6.70915	-1.97089
	597.47900	597.41034	0.74395	343.62921	8.35073	-2.45313
	695.82025	695.73627	1.25725	343.62921	9.99842	-2.93716
	796.12506	796.02509	0.76973	343.62921	11.70066	-3.43721
	891.58704	891.4715	1.27730	343.62921	13.33673	-3.91783
	992.47614	992.34393	0.78591	343.62921	15.07949	-4.42979
	1092.41345	1092.26453	1.29084	343.62921	16.81713	-4.94024
	1190.51428	1190.34875	0.79694	343.62921	18.53189	-5.44397
	1292.90222	1292.71924	1.30015	343.62921	20.32958	-5.97206
	1392.34912	1392.14905	0.80483	343.62921	22.08220	-6.48692
	1488.06531	1487.84875	1.30661	343.62921	23.77424	-6.98398
	1587.04224	1586.80847	0.81032	343.62921	25.52848	-7.49931
	1689.29236	1689.04065	1.31146	343.62921	27.34488	-8.03290
	1786.59314	1786.32446	0.81444	343.62921	29.07672	-8.54164
	1886.70349	1886.41724	1.31494	343.62921	30.86148	-9.06594
	1980.94800	1980.64502	0.81738	343.62921	32.54398	-9.56020
	2086.47095	2086.14941	1.31753	343.62921	34.43012	-10.11427
	2185.69360	2185.35449	0.81964	343.62921	36.20552	-10.63582
	2277.97217	2277.6167	1.31932	343.62921	37.85805	-11.12127
	2381.76929	2381.39526	0.82119	343.62921	39.71820	-11.66771
	2478.21875	2477.82764	1.32065	343.62921	41.44775	-12.17579
	2576.66357	2576.25488	0.82226	343.62921	43.21396	-12.69463
	2677.10913	2676.68262	1.32154	343.62921	45.01681	-13.22424
	2779.56152	2779.1167	0.82298	343.62921	46.85630	-13.76461
	2873.48877	2873.0271	1.32207	343.62921	48.54314	-14.26015
	2969.05005	2968.57153	0.82336	343.62921	50.25964	-14.76439
Williamsfork	3077.15112	3076.65332	1.32235	343.62921	52.20163	-15.33487
	3176.17603	3175.6604	0.82351	343.62921	53.98070	-15.85750
	3265.58081	3265.04932	1.32239	343.62921	55.58696	-16.32936
	3367.72021	3367.17041	0.82346	343.62921	57.42198	-16.86842
	3471.51465	3470.94653	1.32225	343.62921	59.28661	-17.41617
	3565.16919	3564.58423	0.82325	343.62921	60.96890	-17.91037
	3672.10107	3671.49707	1.32195	343.62921	62.88943	-18.47454
	3768.55103	3767.92969	0.82288	343.62921	64.62140	-18.98333
	3866.32104	3865.68237	1.32153	343.62921	66.37673	-19.49898
	3965.41382	3964.75757	0.82240	343.62921	68.15542	-20.02150
	4065.83276	4065.15845	1.32100	343.62921	69.95747	-20.55087
	4167.58057	4166.88818	0.82182	343.62921	71.78286	-21.08710
	4257.70215	4256.99365	1.32041	343.62921	73.39923	-21.56193
	4361.94922	4361.22217	0.82117	343.62921	75.26838	-22.11101
	4454.26221	4453.51904	1.31972	343.62921	76.92303	-22.59709

Notable Intervals and Tops	MD	TVD	Inclination	Azimuth	DY	DX
	4561.01904	4560.25684	0.82044	343.62921	78.83591	-23.15902
	4655.53271	4654.75391	1.31895	343.62921	80.52882	-23.65633
	4751.07666	4750.28076	0.81969	343.62921	82.23957	-24.15889
	4861.53320	4860.71777	1.31811	343.62921	84.21656	-24.73965
	4959.29053	4958.45752	0.81881	343.62921	85.96554	-25.25344
	5058.08398	5057.23389	1.31726	343.62921	87.73235	-25.77246
	5157.91602	5157.04785	0.81793	343.62921	89.51700	-26.29672
	5258.78760	5257.90186	1.31635	343.62921	91.31947	-26.82622
	5346.07861	5345.17725	0.81706	343.62921	92.87862	-27.28424
	5448.88721	5447.96777	1.31546	343.62921	94.71419	-27.82346
	5552.74121	5551.80371	0.81608	343.62921	96.56756	-28.36791
	5642.59326	5641.63965	1.31452	343.62921	98.17034	-28.83875
Cameo	5748.39453	5747.42236	0.81512	343.62921	100.05679	-29.39291
	5839.91797	5838.93018	1.31354	343.62921	101.68791	-29.87208
Rollins	5947.67383	5946.6665	0.81412	343.62921	103.60741	-30.43595
	6040.87500	6039.85156	1.31252	343.62921	105.26685	-30.92344
	6150.59131	6149.54883	0.81308	343.62921	107.21939	-31.49702
	6245.47607	6244.41699	1.31147	343.62921	108.90715	-31.99282
	6341.14014	6340.06396	0.81209	343.62921	110.60798	-32.49246
	6437.58398	6436.49121	1.31046	343.62921	112.32187	-32.99593
	6534.80957	6533.69971	0.81107	343.62921	114.04881	-33.50324
Cozette	6632.81787	6631.69092	1.30943	343.62921	115.78881	-34.01439
	6731.60986	6730.46582	0.81003	343.62921	117.54186	-34.52937
Corcoran	6831.18701	6830.02539	1.30838	343.62921	119.30796	-35.04818
	6931.55029	6930.37158	0.80896	343.62921	121.08711	-35.57083
	7032.70166	7031.50537	1.30729	343.62921	122.87931	-36.09731
	7134.64160	7133.42773	0.80786	343.62921	124.68455	-36.62762
	7237.37158	7236.14014	1.30618	343.62921	126.50282	-37.16176
	7323.58447	7322.33789	0.80684	343.62921	128.02801	-37.60981
	7427.76660	7426.50146	1.30515	343.62921	129.87019	-38.15097
	7532.74170	7531.45898	0.80570	343.62921	131.72539	-38.69596
	7620.82861	7619.53027	1.30410	343.62921	133.28135	-39.15304
Mancos	7727.26172	7725.94531	0.80464	343.62921	135.16044	-39.70505
	7834.49268	7833.15771	1.30293	343.62921	137.05256	-40.26088
	7924.46094	7923.11035	0.80356	343.62921	138.63927	-40.72699
	8033.15625	8031.78711	1.30184	343.62921	140.55525	-41.28984
	8124.34668	8122.96191	0.80246	343.62921	142.16185	-41.76180
	8216.09473	8214.69336	1.30084	343.62921	143.77748	-42.23641
	8326.92676	8325.50781	0.80135	343.62921	145.72817	-42.80945
	8419.90137	8418.46582	1.29972	343.62921	147.36369	-43.28990
	8513.43555	8511.9834	0.80033	343.62921	149.00823	-43.77300
	8626.41406	8624.94336	1.29859	343.62921	150.99361	-44.35623
	8721.17969	8719.69336	0.79920	343.62921	152.65802	-44.84517
	8816.50684	8815.00391	1.29755	343.62921	154.33145	-45.33677
	8912.39551	8910.87598	0.79815	343.62921	156.01392	-45.83101
	9008.84766	9007.31152	1.29650	343.62921	157.70541	-46.32791

Notable Intervals and Tops	MD	TVD	Inclination	Azimuth	DY	DX
KOP	9105.86230	9104.31055	0.79709	343.62921	159.40592	-46.82745
	9203.44141	9201.87305	1.29544	343.62921	161.11545	-47.32965
	9301.58594	9300	0.79603	343.62921	162.83401	-47.83450
	9334.09668	9332.50488	1.47739	343.65488	163.45287	-48.01610
	9365.96289	9364.35449	2.18934	343.66400	164.43117	-48.30291
	9397.19238	9395.55273	2.91105	343.66843	165.76461	-48.69368
	9429.23340	9427.54004	3.70058	343.67090	167.53772	-49.21319
	9460.59375	9458.81934	4.50497	343.67230	169.69089	-49.84398
	9492.66113	9490.76758	5.38243	343.67303	172.34288	-50.62084
	9524.00488	9521.94922	6.28075	343.67340	175.39915	-51.51611
	9555.95410	9553.67383	7.25832	343.67343	179.01319	-52.57475
	9587.13965	9584.57422	8.26381	343.67325	183.05480	-53.75864
	9618.83008	9615.89063	9.35581	343.67288	187.71251	-55.12303
	9650.94336	9647.52051	10.52914	343.67236	193.03343	-56.68174
	9682.21289	9678.2002	11.75612	343.67175	198.83251	-58.38058
	9714.96582	9710.18359	13.12286	343.67099	205.60300	-60.36408
	9745.66504	9739.99316	14.50949	343.67017	212.63828	-62.42527
	9777.69727	9770.89258	16.04679	343.66922	220.73812	-64.79848
	9809.83691	9801.64551	17.72844	343.66818	229.69771	-67.42377
	9840.99609	9831.17676	19.47273	343.66705	239.23511	-70.21856
Niobrara	9873.18945	9861.33789	21.43686	343.66580	250.03104	-73.38238
	9904.34766	9890.13086	23.48852	343.66452	261.45480	-76.73047
	9936.36816	9919.23438	25.78488	343.66306	274.26335	-80.48475
	9968.22168	9947.60742	28.26678	343.66150	288.15159	-84.55589
	9999.87695	9975.12598	30.95616	343.65985	303.15978	-88.95578
	10031.31543	10001.66602	33.85727	343.65808	319.32636	-93.69580
	10063.34180	10027.74707	37.07161	343.65616	337.15470	-98.92366
	10095.10742	10052.49902	40.52889	343.65411	356.25167	-104.52426
	10126.64648	10075.79199	44.23164	343.65195	376.64792	-110.50671
	10158.01660	10097.49902	48.17683	343.64963	398.37100	-116.87925
Landing	10190.01172	10117.92578	52.44877	343.64713	421.99141	-123.80947
	10221.28027	10136.01563	56.83861	343.64450	446.45566	-130.98845
	10253.37402	10152.45996	61.49788	343.64169	472.89104	-138.74722
	10285.04395	10166.41406	66.19954	343.63873	500.15988	-146.75210
	10316.47266	10177.91113	70.87167	343.63568	528.21679	-154.98991
	10348.52148	10187.15625	75.58702	343.63245	557.65036	-163.63368
	10379.99414	10193.78809	80.07651	343.62915	587.16185	-172.30216
	10411.72852	10198.06445	84.43148	343.62570	617.32423	-181.16376
	10443.16016	10200	88.50691	343.62219	647.41710	-190.00691
	10553.03516	10202.86328	88.50627	343.62219	752.79794	-220.97780
	10652.92188	10205.46777	88.50571	343.62219	848.59868	-249.13316
	10752.80762	10208.07324	88.50514	343.62219	944.39940	-277.28851
	10852.69434	10210.67969	88.50459	343.62219	1040.20009	-305.44385
	10952.58105	10213.28613	88.50404	343.62219	1136.00076	-333.59918
	11052.46680	10215.89453	88.50350	343.62219	1231.80140	-361.75451
	11152.35352	10218.50391	88.50297	343.62219	1327.60202	-389.90983

Notable Intervals and Tops	MD	TVD	Inclination	Azimuth	DY	DX
	11252.24023	10221.11426	88.50245	343.62219	1423.40261	-418.06515
	11352.12598	10223.72461	88.50193	343.62219	1519.20318	-446.22046
	11452.01270	10226.33691	88.50143	343.62219	1615.00373	-474.37576
	11551.89941	10228.94922	88.50092	343.62219	1710.80426	-502.53106
	11651.78516	10231.5625	88.50043	343.62219	1806.60477	-530.68635
	11751.67188	10234.17676	88.49994	343.62219	1902.40525	-558.84164
	11851.55859	10236.79199	88.49947	343.62219	1998.20571	-586.99692
	11951.44434	10239.4082	88.49899	343.62219	2094.00616	-615.15219
	12051.33105	10242.02539	88.49854	343.62219	2189.80658	-643.30746
	12151.21777	10244.64258	88.49808	343.62219	2285.60698	-671.46273
	12251.10352	10247.26172	88.49763	343.62219	2381.40736	-699.61798
	12350.99023	10249.88086	88.49719	343.62219	2477.20772	-727.77324
	12450.87598	10252.50098	88.49676	343.62219	2573.00806	-755.92849
	12550.76270	10255.12109	88.49634	343.62219	2668.80838	-784.08373
	12650.64941	10257.74316	88.49592	343.62219	2764.60869	-812.23897
	12750.53516	10260.36523	88.49551	343.62219	2860.40898	-840.39420
	12850.42188	10262.98828	88.49511	343.62219	2956.20924	-868.54943
	12950.30859	10265.61133	88.49471	343.62219	3052.00949	-896.70466
	13050.19434	10268.23535	88.49433	343.62219	3147.80973	-924.85988
	13150.08105	10270.86035	88.49395	343.62219	3243.60995	-953.01509
	13249.96777	10273.48633	88.49358	343.62219	3339.41015	-981.17030
	13349.85352	10276.1123	88.49322	343.62219	3435.21033	-1009.32551
	13449.74023	10278.73926	88.49287	343.62219	3531.01050	-1037.48071
	13549.62695	10281.36719	88.49252	343.62219	3626.81065	-1065.63591
	13649.51270	10283.99512	88.49218	343.62219	3722.61079	-1093.79111
	13749.39941	10286.62305	88.49184	343.62219	3818.41091	-1121.94630
	13849.28613	10289.25293	88.49152	343.62219	3914.21102	-1150.10149
	13949.17188	10291.88281	88.49120	343.62219	4010.01111	-1178.25667
	14049.05859	10294.5127	88.49089	343.62219	4105.81119	-1206.41185
	14148.94434	10297.14355	88.49059	343.62219	4201.61126	-1234.56702
	14248.83105	10299.77539	88.49030	343.62219	4297.41131	-1262.72220
	14348.71777	10302.40723	88.49001	343.62219	4393.21135	-1290.87737
	14448.60352	10305.03906	88.48973	343.62219	4489.01138	-1319.03253
	14548.49023	10307.67188	88.48946	343.62219	4584.81140	-1347.18769
	14648.37695	10310.30566	88.48920	343.62219	4680.61140	-1375.34285
	14748.26270	10312.93945	88.48894	343.62219	4776.41139	-1403.49801
	14848.14941	10315.57324	88.48869	343.62219	4872.21138	-1431.65316
	14948.03613	10318.20801	88.48845	343.62219	4968.01135	-1459.80831
	15047.92188	10320.84277	88.48822	343.62219	5063.81131	-1487.96346
	15147.80859	10323.47852	88.48799	343.62219	5159.61126	-1516.11861
	15247.69531	10326.11426	88.48778	343.62219	5255.41120	-1544.27375
	15347.58105	10328.75098	88.48756	343.62219	5351.21113	-1572.42889
	15447.46777	10331.38672	88.48737	343.62219	5447.01105	-1600.58403
	15547.35449	10334.02441	88.48717	343.62219	5542.81096	-1628.73916
	15647.24023	10336.66113	88.48698	343.62219	5638.61087	-1656.89429
	15747.12695	10339.29883	88.48680	343.62219	5734.41077	-1685.04942

Notable Intervals and Tops	MD	TVD	Inclination	Azimuth	DY	DX
	15847.01367	10341.93652	88.48663	343.62219	5830.21065	-1713.20455
	15946.89941	10344.5752	88.48647	343.62219	5926.01054	-1741.35968
	16046.78613	10347.21289	88.48631	343.62219	6021.81041	-1769.51481
	16146.67188	10349.85156	88.48617	343.62219	6117.61028	-1797.66993
	16246.55859	10352.49121	88.48602	343.62219	6213.41014	-1825.82505
	16346.44531	10355.12988	88.48589	343.62219	6309.21000	-1853.98017
	16446.33203	10357.76953	88.48576	343.62219	6405.00984	-1882.13529
	16546.21875	10360.40918	88.48565	343.62219	6500.80969	-1910.29041
	16646.10352	10363.04883	88.48554	343.62219	6596.60953	-1938.44552
	16745.99023	10365.68945	88.48544	343.62219	6692.40936	-1966.60064
	16845.87695	10368.3291	88.48534	343.62219	6788.20919	-1994.75575
	16945.76367	10370.96973	88.48525	343.62219	6884.00902	-2022.91086
	17045.65039	10373.61035	88.48518	343.62219	6979.80884	-2051.06597
	17145.53516	10376.25098	88.48510	343.62219	7075.60866	-2079.22108
	17245.42188	10378.8916	88.48504	343.62219	7171.40848	-2107.37619
	17345.30859	10381.53223	88.48498	343.62219	7267.20829	-2135.53130
	17445.19531	10384.17285	88.48493	343.62219	7363.00810	-2163.68641
	17545.08203	10386.81445	88.48489	343.62219	7458.80791	-2191.84152
	17644.96875	10389.45508	88.48486	343.62219	7554.60772	-2219.99662
	17744.85352	10392.09668	88.48483	343.62219	7650.40752	-2248.15173
	17844.74023	10394.7373	88.48481	343.62219	7746.20733	-2276.30684
	17944.62695	10397.37891	88.48480	343.62219	7842.00713	-2304.46194
	18044.51367	10400.02051	88.48480	343.62219	7937.80694	-2332.61705
	18144.40039	10402.66113	88.48480	343.62219	8033.60674	-2360.77216
	18244.28711	10405.30273	88.48482	343.62219	8129.40655	-2388.92726
	18344.17188	10407.94336	88.48483	343.62219	8225.20635	-2417.08237
	18444.05859	10410.58496	88.48486	343.62219	8321.00616	-2445.23748
	18543.94531	10413.22559	88.48489	343.62219	8416.80596	-2473.39258
	18643.83203	10415.86719	88.48494	343.62219	8512.60577	-2501.54769
	18743.71875	10418.50781	88.48499	343.62219	8608.40559	-2529.70280
	18843.60547	10421.14844	88.48505	343.62219	8704.20540	-2557.85791
	18943.49023	10423.78906	88.48512	343.62219	8800.00522	-2586.01302
	19043.37695	10426.42969	88.48519	343.62219	8895.80504	-2614.16813
	19143.26367	10429.07031	88.48527	343.62219	8991.60486	-2642.32324
	19243.15039	10431.71094	88.48536	343.62219	9087.40469	-2670.47835
	19333.04688	10434.08691	88.48544	343.62219	9173.62453	-2695.81796
	19432.93359	10436.72656	88.48555	343.62219	9269.42437	-2723.97307
	19532.82031	10439.36621	88.48566	343.62219	9365.22421	-2752.12819
	19632.70703	10442.00586	88.48578	343.62219	9461.02405	-2780.28330
	19732.59375	10444.64551	88.48590	343.62219	9556.82390	-2808.43842
	19832.48047	10447.28516	88.48604	343.62219	9652.62376	-2836.59354
	19932.36523	10449.92383	88.48618	343.62219	9748.42362	-2864.74866
	20032.25195	10452.5625	88.48633	343.62219	9844.22349	-2892.90379
	20132.13867	10455.20117	88.48649	343.62219	9940.02336	-2921.05891
	20232.02539	10457.83887	88.48665	343.62219	10035.82325	-2949.21404
	20331.91211	10460.47656	88.48682	343.62219	10131.62314	-2977.36917

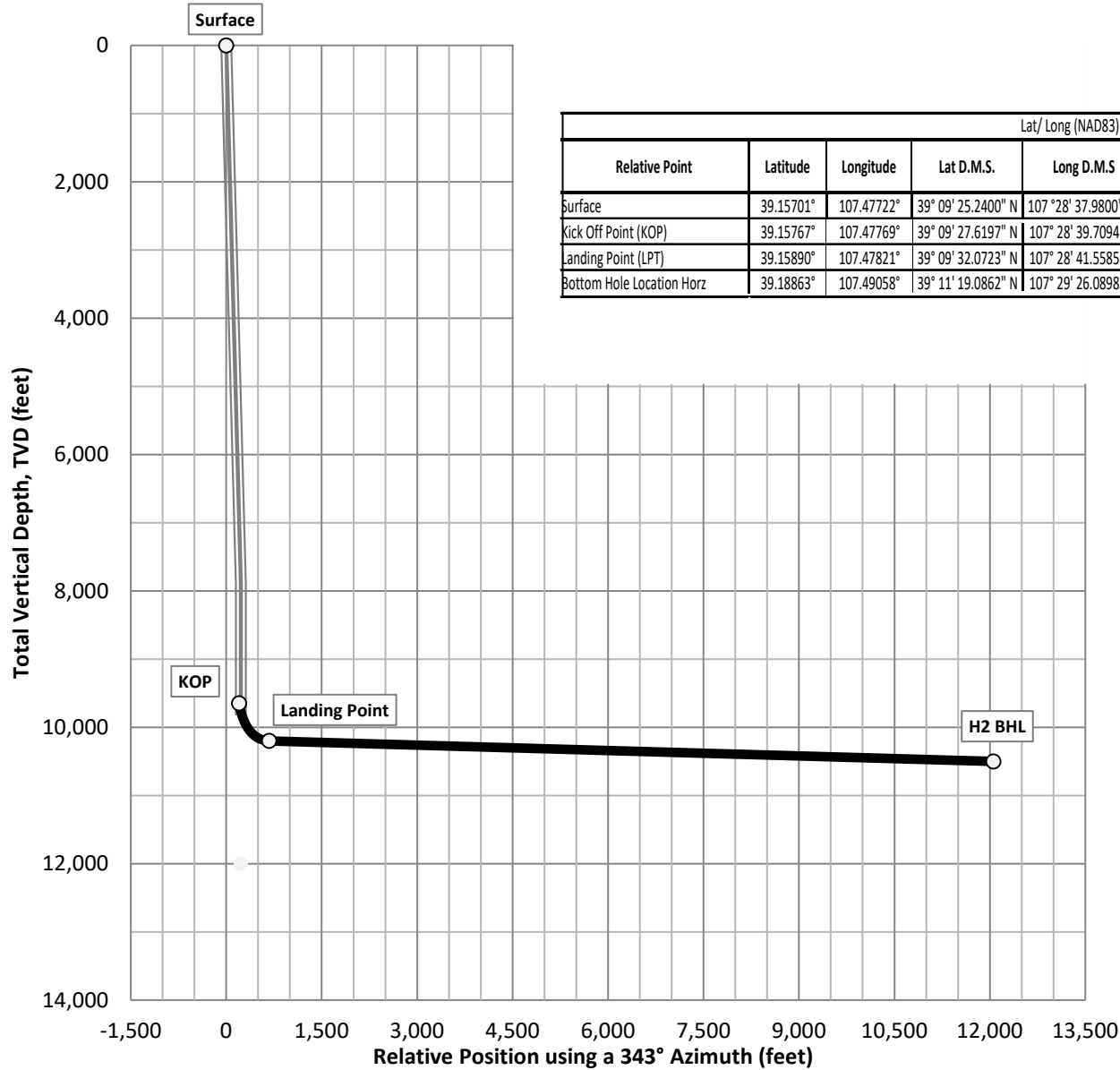
Notable Intervals and Tops	MD	TVD	Inclination	Azimuth	DY	DX
	20431.79883	10463.11426	88.48701	343.62219	10227.42303	-3005.52430
	20531.68359	10465.75195	88.48719	343.62219	10323.22294	-3033.67943
	20631.57031	10468.38867	88.48739	343.62219	10419.02285	-3061.83457
	20731.45703	10471.02539	88.48759	343.62219	10514.82278	-3089.98971
	20831.34375	10473.66113	88.48780	343.62219	10610.62271	-3118.14485
	20931.23047	10476.29688	88.48801	343.62219	10706.42265	-3146.29999
	21031.11523	10478.93262	88.48824	343.62219	10802.22260	-3174.45513
	21131.00195	10481.56738	88.48848	343.62219	10898.02256	-3202.61028
	21230.88867	10484.20215	88.48872	343.62219	10993.82253	-3230.76543
	21330.77539	10486.83594	88.48897	343.62219	11089.62252	-3258.92059
	21430.66211	10489.46973	88.48923	343.62219	11185.42251	-3287.07574
	21530.54883	10492.10352	88.48949	343.62219	11281.22252	-3315.23090
	21630.43359	10494.73633	88.48976	343.62219	11377.02253	-3343.38607
	21730.32031	10497.36816	88.49004	343.62219	11472.82256	-3371.54123
TD	21830.20703	10500	88.49033	343.62219	11568.62261	-3399.69640

Directional Drilling Plan

Trail Gulch H2 Horizontal



GUNNISON ENERGY LLC



Lat/ Long (NAD83) - N/S (UTM 13 N NAD 27)												
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	39.15701°	107.47722°	39° 09' 25.2400" N	107° 28' 37.9800" W	14228697.30	938325.05	0	0	0	0	0.00	0.00
Kick Off Point (KOP)	39.15767°	107.47769°	39° 09' 27.6197" N	107° 28' 39.7094" W	14228941.24	938195.08	9650.943	9647.52	10.52914	343.67236	193.03	-56.68
Landing Point (LPT)	39.15890°	107.47821°	39° 09' 32.0723" N	107° 28' 41.5585" W	14229395.63	938061.75	10443.16	10200.00	88.50691	343.62219	647.42	-190.01
Bottom Hole Location Horz	39.18863°	107.49058°	39° 11' 19.0862" N	107° 29' 26.0898" W	14240316.83	934852.06	21830.21	10500.00	88.49033	343.62219	11568.62	-3399.70

