

GyroTracer Directional:

Date: 9/8/2018
 Operator : Brandon McKnight
 Crew : 05-013-06103
 Well Name: **Haley G Unit 1**
 Field : Crestone Peak Resources
 Tool Type And Number: 1719
 Bottom Depth : 8050.00
 Latitude : 40.084737 N
 Longitude : 105.097664 W
 Location: NENE 3 1N69W 6 PM
 Planned Footages: 990 FNL 1200 FEL

**Starting Point Coordinates (in local grid):**

Northing: 0.00 Easting: 0.00 Altitude: 5075.00

Description:

Azimuth measured in degrees and referenced to True North

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 9/8/2018 8:34

End Time: 9/8/2018 9:56

Depth	Inclination	Azimuth	Closure Direction	True Depth	Coordinates		Dogleg Severity	Closure Distance
					+N/-S	+E/-W		
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.000	0.710	144.305	144.409	100.590	-1.020	0.730	0.706	1.254
200.000	1.999	145.384	148.309	199.968	-2.704	1.670	1.297	3.178
300.000	3.750	140.799	145.763	299.851	-6.523	4.440	1.647	7.891
400.000	4.560	132.441	140.801	399.601	-11.517	9.393	1.004	14.862
500.000	6.641	141.559	139.351	499.118	-18.657	16.018	2.260	24.590
600.000	9.229	152.731	142.074	598.172	-30.103	23.456	2.984	38.163
700.000	10.515	161.987	147.436	696.548	-46.817	29.899	2.029	55.550
800.000	10.000	165.657	151.368	794.940	-63.949	34.912	0.831	72.858
900.000	9.417	170.228	154.485	893.509	-80.437	38.392	0.967	89.130
1000.000	8.899	175.230	157.203	992.242	-96.168	40.420	0.957	104.317
1100.000	8.160	182.351	159.760	1091.110	-111.144	40.980	1.286	118.459
1200.000	7.353	190.612	162.393	1190.182	-124.643	39.557	1.381	130.769
1300.000	6.350	198.767	164.999	1289.460	-136.209	36.498	1.403	141.014
1400.000	5.589	210.322	167.508	1388.925	-145.605	32.259	1.426	149.136
1500.000	4.618	225.192	169.985	1488.543	-152.492	26.930	1.601	154.852
1600.000	3.789	233.523	172.320	1588.258	-157.380	21.223	1.024	158.805
1700.000	3.258	243.666	174.182	1688.077	-160.880	16.393	0.850	161.713
1800.000	2.332	253.099	175.798	1787.963	-162.473	11.936	1.047	162.911
1900.000	1.792	259.973	177.077	1887.895	-163.185	8.334	0.632	163.398
2000.000	2.077	262.402	178.306	1987.830	-163.984	4.850	0.301	164.055
2100.000	2.173	264.939	179.522	2087.768	-164.416	1.371	0.107	164.422
2200.000	1.943	278.158	180.789	2187.701	-164.371	-2.262	0.511	164.386
2300.000	1.577	284.418	181.784	2287.657	-163.558	-5.094	0.378	163.638

2400.000	1.180	269.255	182.503	2387.634	-163.107	-7.130	0.480	163.263
2500.000	0.946	290.763	183.207	2487.613	-162.787	-9.122	0.369	163.043
2600.000	0.359	309.823	183.713	2587.601	-162.203	-10.527	0.600	162.544
2700.000	0.732	269.585	184.020	2687.597	-162.142	-11.394	0.435	162.542
2800.000	0.631	271.609	184.317	2787.593	-161.962	-12.227	0.132	162.423
2900.000	0.419	311.621	184.658	2887.587	-161.569	-13.163	0.270	162.105
3000.000	0.397	242.125	184.835	2987.585	-161.398	-13.651	0.461	161.974
3100.000	0.610	282.583	185.154	3087.580	-161.590	-14.576	0.436	162.246
3200.000	0.590	261.468	185.415	3187.577	-161.469	-15.307	0.230	162.193
3300.000	0.628	225.311	185.682	3287.573	-161.576	-16.076	0.403	162.374
3400.000	1.026	239.101	186.092	3387.563	-162.283	-17.321	0.443	163.205
3500.000	1.242	258.768	186.602	3487.548	-162.990	-18.865	0.476	164.078
3600.000	0.872	241.286	187.064	3587.537	-163.268	-20.233	0.421	164.517
3700.000	1.340	276.997	187.614	3687.523	-163.423	-21.846	0.828	164.876
3800.000	1.521	309.378	188.456	3787.490	-162.243	-24.119	0.825	164.026
3900.000	1.601	313.940	189.263	3887.454	-160.637	-26.199	0.138	162.760
4000.000	1.317	306.430	189.940	3987.424	-158.877	-27.843	0.354	161.298
4100.000	1.121	300.457	190.655	4087.397	-157.421	-29.618	0.209	160.183
4200.000	1.340	320.904	191.480	4187.363	-155.847	-31.651	0.484	159.028
4300.000	1.447	310.401	192.115	4287.340	-154.448	-33.153	0.288	157.967
4400.000	0.980	319.285	192.793	4387.312	-152.640	-34.659	0.659	156.526
4500.000	1.259	332.660	193.363	4487.296	-151.467	-35.981	0.408	155.682
4600.000	1.047	318.101	193.974	4587.275	-150.042	-37.337	0.381	154.618
4700.000	1.347	303.187	194.604	4687.258	-149.109	-38.851	0.413	154.088
4800.000	1.541	305.652	195.386	4787.232	-147.829	-40.680	0.276	153.324
4900.000	1.097	328.597	196.145	4887.202	-146.037	-42.275	0.620	152.033
5000.000	1.399	329.658	196.864	4987.175	-144.319	-43.748	0.372	150.804
5100.000	1.490	310.907	197.522	5087.153	-142.655	-45.039	0.438	149.597
5200.000	1.618	312.207	198.377	5187.119	-140.779	-46.767	0.221	148.343
5300.000	1.431	338.080	199.244	5287.078	-138.417	-48.320	0.628	146.608
5400.000	1.723	326.185	200.021	5387.046	-136.336	-49.679	0.420	145.105
5500.000	1.232	316.246	200.767	5487.016	-134.239	-50.905	0.552	143.567
5600.000	1.447	310.087	201.657	5586.983	-132.369	-52.560	0.301	142.422
5700.000	1.319	307.967	202.482	5686.957	-130.749	-54.110	0.202	141.503
5800.000	0.925	324.045	203.263	5786.934	-129.223	-55.553	0.594	140.658
5900.000	0.253	348.343	203.681	5886.925	-128.149	-56.204	0.742	139.932
6000.000	0.445	317.338	203.878	5986.923	-127.884	-56.611	0.218	139.854
6100.000	0.277	302.831	203.857	6086.922	-127.822	-56.528	0.168	139.764
6200.000	0.537	132.153	203.662	6186.920	-127.780	-55.990	0.630	139.509
6300.000	0.706	138.647	203.260	6286.913	-128.550	-55.255	0.204	139.923
6400.000	0.974	106.661	202.744	6386.904	-129.313	-54.210	0.541	140.216
6500.000	0.878	123.025	201.977	6486.885	-130.099	-52.503	0.308	140.293
6600.000	1.204	140.745	201.127	6586.862	-131.213	-50.701	0.530	140.667
6700.000	1.062	134.324	200.477	6686.845	-132.518	-49.486	0.215	141.457
6800.000	1.192	120.459	199.659	6786.823	-133.664	-47.751	0.307	141.938
6900.000	1.427	101.760	198.745	6886.795	-134.057	-45.494	0.676	141.566
7000.000	1.719	93.403	197.675	6986.758	-134.371	-42.818	0.224	141.029
7100.000	1.276	96.044	196.510	7086.716	-135.070	-40.034	0.395	140.878
7200.000	2.201	98.299	195.333	7186.668	-134.952	-37.002	0.854	139.933
7300.000	1.929	91.285	193.875	7286.602	-135.188	-33.393	0.418	139.251

7400.000	1.885	76.785	192.467	7386.538	-135.076	-29.863	0.487	138.338
7500.000	1.551	52.942	191.451	7486.485	-133.502	-27.042	0.771	136.213
7600.000	1.695	27.940	191.199	7586.457	-131.505	-26.035	0.713	134.058
7700.000	1.070	42.965	190.871	7686.436	-129.831	-24.933	0.551	132.203
7800.000	1.164	29.874	190.471	7786.421	-128.594	-23.766	0.290	130.772
7900.000	1.987	35.525	189.970	7886.385	-126.435	-22.226	0.923	128.373
8000.000	3.445	68.722	188.422	7986.284	-124.309	-18.405	2.106	125.664
8050.000	4.490	76.550	186.886	8036.662	-123.380	-14.900	2.240	124.277

