

GyroTracer Directional:

Date: 9/8/2018
 Operator : Brandon McKnight
 Crew : 05-013-06568
 Well Name: **Haley 32-3**
 Field : Crestone Peak Resources
 Tool Type And Number: 1719
 Bottom Depth : 8000.00
 Latitude : 40.081922 N
 Longitude : 105.10043 W
 Location: SWNE 3 1N69W 6 PM
 Planned Footages: 1959 FNL 1989 FEL

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

Northing: 0.00 Easting: 0.00 Altitude: 5078.00

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 11:44

End Time: 9/8/2018 13:07

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	1.100	283.710	283.601	100.320	0.450	-1.860	1.096	1.914
200.000	1.090	318.773	294.560	199.950	1.760	-3.851	0.667	4.234
300.000	1.270	320.317	301.132	299.923	3.328	-5.511	0.174	6.438
400.000	0.967	324.777	304.073	399.902	4.700	-6.948	0.298	8.389
500.000	0.793	287.525	304.996	499.889	5.714	-8.162	0.544	9.964
600.000	0.592	321.661	305.385	599.878	6.605	-9.300	0.448	11.407
700.000	0.929	322.097	305.520	699.864	7.553	-10.580	0.388	12.999
800.000	0.854	289.590	304.414	799.850	8.249	-12.042	0.464	14.596
900.000	1.242	289.272	302.613	899.833	8.788	-13.734	0.393	16.305
1000.000	1.086	303.365	301.405	999.816	9.408	-15.410	0.251	18.055
1100.000	0.839	293.604	300.292	1099.799	9.976	-17.078	0.279	19.779
1200.000	1.072	266.387	298.589	1199.783	10.232	-18.775	0.483	21.381
1300.000	1.152	285.491	297.534	1299.768	10.642	-20.413	0.378	23.020
1400.000	0.601	302.537	297.459	1399.758	11.241	-21.631	0.346	24.377
1500.000	0.670	329.549	297.810	1499.750	11.957	-22.668	0.359	25.629
1600.000	1.005	302.886	298.312	1599.741	12.724	-23.619	0.485	26.828
1700.000	0.598	323.052	299.021	1699.732	13.591	-24.497	0.455	28.015
1800.000	0.226	306.192	299.064	1799.728	14.055	-25.289	0.330	28.932
1900.000	0.638	245.857	297.566	1899.722	13.638	-26.124	0.525	29.469
2000.000	0.771	241.655	294.535	1999.707	12.497	-27.377	0.297	30.095
2100.000	1.156	223.816	291.577	2099.690	11.340	-28.676	0.471	30.837
2200.000	0.759	276.368	289.938	2199.680	10.851	-29.915	0.872	31.822
2300.000	0.912	319.255	290.229	2299.674	11.340	-30.773	0.672	32.796

2400.000	0.707	339.400	291.617	2399.664	12.501	-31.546	0.284	33.933
2500.000	1.063	322.060	293.353	2499.648	13.985	-32.390	0.417	35.280
2600.000	1.110	340.321	295.376	2599.625	15.844	-33.403	0.335	36.970
2700.000	1.312	321.717	297.234	2699.601	17.720	-34.429	0.449	38.721
2800.000	1.430	332.872	299.065	2799.576	19.691	-35.429	0.302	40.533
2900.000	1.147	326.140	300.689	2899.550	21.653	-36.484	0.328	42.426
3000.000	1.078	335.354	301.978	2999.524	23.543	-37.709	0.170	44.455
3100.000	1.704	324.828	303.242	3099.496	25.507	-38.917	0.557	46.532
3200.000	1.292	311.172	304.471	3199.467	27.540	-40.115	0.620	48.659
3300.000	1.231	334.720	305.222	3299.437	29.389	-41.629	0.511	50.958
3400.000	0.821	322.668	306.001	3399.417	31.042	-42.724	0.538	52.811
3500.000	1.137	333.434	306.582	3499.398	32.528	-43.828	0.395	54.580
3600.000	1.416	319.938	307.070	3599.380	33.998	-45.003	0.406	56.401
3700.000	1.171	291.505	307.259	3699.361	35.268	-46.364	0.740	58.253
3800.000	1.164	296.286	306.944	3799.343	36.088	-47.988	0.064	60.043
3900.000	1.052	274.372	306.405	3899.327	36.637	-49.684	0.457	61.731
4000.000	1.053	269.578	305.783	3999.307	37.134	-51.520	0.132	63.508
4100.000	1.140	293.583	305.014	4099.284	37.551	-53.601	0.471	65.446
4200.000	1.600	287.975	304.463	4199.246	38.499	-56.094	0.547	68.035
4300.000	1.602	315.741	304.460	4299.201	40.162	-58.523	0.763	70.978
4400.000	1.507	340.015	305.218	4399.163	42.397	-60.061	0.670	73.518
4500.000	1.048	331.369	306.096	4499.136	44.463	-60.984	0.493	75.472
4600.000	1.585	351.529	306.982	4599.107	46.630	-61.921	0.677	77.515
4700.000	1.848	342.102	308.047	4699.067	49.214	-62.884	0.477	79.852
4800.000	2.463	312.248	308.711	4798.997	52.182	-65.108	1.248	83.439
4900.000	1.924	328.036	309.078	4898.919	55.028	-67.765	0.784	87.294
5000.000	2.020	319.277	309.532	4998.865	57.582	-69.772	0.311	90.465
5100.000	1.968	318.886	309.977	5098.818	60.000	-71.565	0.098	93.389
5200.000	1.410	336.206	310.569	5198.771	62.609	-73.128	0.637	96.268
5300.000	1.285	314.054	311.069	5298.737	64.820	-74.387	0.531	98.666
5400.000	1.182	304.502	311.287	5398.712	66.518	-75.750	0.291	100.810
5500.000	1.058	332.314	311.398	5498.685	68.139	-77.295	0.572	103.041
5600.000	1.214	308.282	311.484	5598.657	69.774	-78.910	0.506	105.334
5700.000	1.576	316.361	311.357	5698.617	71.426	-81.140	0.397	108.099
5800.000	1.783	317.298	310.950	5798.568	72.778	-83.869	0.302	111.043
5900.000	2.132	297.088	310.871	5898.513	74.794	-86.433	0.786	114.301
6000.000	1.042	310.318	310.710	5998.483	76.065	-88.404	1.103	116.624
6100.000	0.917	289.330	310.697	6098.471	76.983	-89.511	0.405	118.062
6200.000	0.960	284.071	310.740	6198.459	78.008	-90.566	0.137	119.530
6300.000	0.886	343.095	310.845	6298.445	79.150	-91.550	0.952	121.021
6400.000	1.202	354.350	311.041	6398.435	80.276	-92.213	0.399	122.260
6500.000	0.710	320.035	311.530	6498.413	82.156	-92.762	0.703	123.913
6600.000	1.344	338.722	312.135	6598.389	84.156	-93.023	0.806	125.441
6700.000	1.098	321.811	312.423	6698.366	85.967	-94.070	0.423	127.434
6800.000	1.711	303.754	312.353	6798.335	87.484	-95.967	0.766	129.858
6900.000	2.285	280.200	311.684	6898.284	88.158	-99.004	1.040	132.566
7000.000	3.086	256.041	310.409	6998.182	88.073	-103.451	1.412	135.864
7100.000	3.230	260.915	308.712	7098.027	87.301	-108.924	0.294	139.592
7200.000	1.893	290.933	307.683	7197.929	87.456	-113.223	1.815	143.066
7300.000	1.967	314.290	307.387	7297.861	89.033	-116.503	0.801	146.628

7400.000	1.493	314.285	307.554	7397.816	91.127	-118.526	0.411	149.507
7500.000	1.389	347.390	307.994	7497.787	93.267	-119.401	0.893	151.510
7600.000	0.663	347.577	308.484	7597.763	95.303	-119.882	0.653	153.149
7700.000	1.341	358.641	308.982	7697.743	97.178	-120.083	0.543	154.478
7800.000	1.138	22.260	309.527	7797.729	98.794	-119.730	0.530	155.227
7900.000	0.924	7.404	310.060	7897.714	100.444	-119.450	0.314	156.068
8000.000	1.650	356.903	310.673	7997.685	102.745	-119.567	0.689	157.647

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