

GyroTracer Directional:

Date: 1/11/2018
 Operator : Jacob Landis
 API: 05-123-16642
 Well: Oster 31-28
 Field : Crestone Peak Resources
 Tool Type And Number: 1213
 Bottom Depth : 7150.00
 Latitude : 40.288464 N
 Longitude : 104.666626 W
 Location: NWNE 28 4N65W 6 PM
 Footages: 798 FNL 2136 FEL

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

Northing: 0.00 Easting: 0.00 Altitude: 4827.00

Description:

Azimuth measured in degrees and referenced to True North

Inclination measured from Vertical

Length measured in feet

Temperature measured in Fahrenheit degrees

Start Time: 1/11/2018 13:57

End Time: 1/11/2018 15:01

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
101.200	0.050	214.735	341.565	101.200	0.090	-0.030	0.049	0.095
200.000	0.322	21.094	356.204	199.999	0.124	-0.008	0.376	0.124
300.000	0.176	227.790	337.632	299.999	0.158	-0.065	0.525	0.171
400.000	0.300	310.275	302.806	399.998	0.170	-0.263	0.328	0.313
500.000	0.052	26.573	288.896	499.997	0.186	-0.543	0.238	0.573
600.000	0.240	262.232	286.603	599.996	0.251	-0.840	0.153	0.877
700.000	0.158	317.744	289.173	699.995	0.387	-1.114	0.192	1.179
800.000	0.074	268.719	291.303	799.994	0.543	-1.393	0.099	1.495
900.000	0.211	356.437	294.666	899.993	0.732	-1.593	0.219	1.753
1000.000	0.340	255.254	295.649	999.992	0.822	-1.713	0.451	1.900
1100.000	0.232	27.529	295.514	1099.991	0.875	-1.833	0.334	2.031
1200.000	0.235	303.915	294.957	1199.990	0.895	-1.923	0.302	2.121
1300.000	0.230	338.195	294.638	1299.990	0.932	-2.033	0.144	2.237
1400.000	0.170	237.795	294.553	1399.989	0.972	-2.127	0.282	2.338
1500.000	0.080	36.730	293.875	1499.988	0.978	-2.209	0.224	2.416
1600.000	0.214	268.629	296.436	1599.988	1.076	-2.163	0.307	2.416
1700.000	0.095	52.802	301.832	1699.987	1.278	-2.059	0.284	2.423
1800.000	0.214	335.798	306.401	1799.986	1.467	-1.989	0.304	2.472
1900.000	0.103	111.285	311.770	1899.985	1.695	-1.898	0.451	2.545
2000.000	0.450	32.953	316.733	1999.984	1.949	-1.835	0.422	2.677
2100.000	0.347	348.552	321.385	2099.983	2.216	-1.770	0.338	2.836
2200.000	0.350	313.813	326.223	2199.981	2.722	-1.820	0.208	3.274

2300.000	0.244	322.862	329.550	2299.979	3.251	-1.911	0.176	3.771
2400.000	0.465	345.356	332.285	2399.977	3.761	-1.976	0.194	4.249
2500.000	0.401	330.024	332.917	2499.975	4.246	-2.171	0.126	4.768
2600.000	0.299	289.010	330.657	2599.974	4.524	-2.543	0.272	5.190
2700.000	0.373	302.975	327.998	2699.972	4.768	-2.980	0.213	5.623
2800.000	0.139	313.920	325.488	2799.970	5.033	-3.461	0.245	6.108
2900.000	0.645	275.395	322.498	2899.968	5.201	-3.991	0.350	6.556
3000.000	0.335	332.425	319.916	2999.965	5.444	-4.582	0.513	7.116
3100.000	0.429	313.966	319.043	3099.962	5.954	-5.168	0.153	7.884
3200.000	0.880	324.964	319.239	3199.956	6.746	-5.815	0.466	8.907
3300.000	0.873	350.498	321.338	3299.945	8.017	-6.414	0.378	10.267
3400.000	1.076	331.304	323.656	3399.933	9.465	-6.964	0.384	11.751
3500.000	0.989	354.287	326.144	3499.921	10.936	-7.337	0.375	13.169
3600.000	0.639	343.953	328.764	3599.912	12.239	-7.423	0.376	14.314
3700.000	0.571	347.693	330.066	3699.904	13.402	-7.717	0.071	15.465
3800.000	0.596	347.059	331.499	3799.898	14.434	-7.837	0.080	16.424
3900.000	0.436	22.419	332.972	3899.893	15.394	-7.853	0.273	17.281
4000.000	0.439	345.650	334.234	3999.888	16.287	-7.861	0.277	18.085
4100.000	0.106	59.139	334.633	4099.886	16.789	-7.960	0.403	18.581
4200.000	1.208	214.635	330.559	4199.874	15.756	-8.893	1.306	18.092
4300.000	1.169	225.694	324.346	4299.854	14.306	-10.263	0.232	17.607
4400.000	0.760	205.396	318.833	4399.838	12.984	-11.354	0.542	17.248
4500.000	0.931	196.192	314.351	4499.828	11.769	-12.039	0.219	16.836
4600.000	0.963	215.237	309.655	4599.818	10.552	-12.730	0.324	16.535
4700.000	0.650	204.507	305.046	4699.807	9.250	-13.188	0.352	16.109
4800.000	0.765	172.540	301.393	4799.798	7.960	-13.044	0.319	15.281
4900.000	0.350	114.459	300.166	4899.794	7.287	-12.537	0.455	14.500
5000.000	0.291	55.822	301.156	4999.793	7.330	-12.125	0.318	14.168
5100.000	0.429	42.409	303.686	5099.790	7.872	-11.810	0.152	14.193
5200.000	0.266	15.185	305.940	5199.788	8.450	-11.656	0.215	14.396
5300.000	0.430	309.979	308.381	5299.785	9.004	-11.368	0.385	14.502
5400.000	0.512	11.159	309.143	5399.784	9.458	-11.620	0.485	14.982
5500.000	0.582	347.423	310.868	5499.781	10.140	-11.720	0.254	15.498
5600.000	0.541	26.767	312.874	5599.777	10.802	-11.635	0.371	15.877
5700.000	0.501	37.266	316.610	5699.771	11.697	-11.058	0.111	16.096
5800.000	1.535	39.119	323.123	5799.751	13.167	-9.878	0.827	16.460
5900.000	1.842	25.636	332.284	5899.704	15.787	-8.294	0.504	17.833
6000.000	1.101	16.912	339.353	5999.651	18.661	-7.031	0.807	19.942
6100.000	0.775	107.566	341.349	6099.646	19.114	-6.452	1.352	20.174
6200.000	1.221	164.349	340.623	6199.632	17.564	-6.177	0.906	18.618
6300.000	1.683	203.910	336.443	6299.594	14.929	-6.509	1.080	16.286
6400.000	2.169	215.639	326.413	6399.534	11.794	-7.832	0.427	14.157
6500.000	2.656	231.363	307.843	6499.429	8.177	-10.526	0.881	13.329
6600.000	3.751	240.800	283.126	6599.162	3.780	-16.210	1.229	16.645
6700.000	1.940	283.998	280.104	6699.059	3.663	-20.554	2.573	20.878
6800.000	1.226	306.224	281.965	6799.025	4.838	-22.829	0.776	23.336
6900.000	1.271	351.688	285.922	6899.001	6.772	-23.738	0.977	24.685
7000.000	1.412	18.919	290.888	6998.975	9.024	-23.646	0.640	25.310
7100.000	1.308	40.639	296.338	7098.945	11.107	-22.437	0.524	25.035
7151.480	1.570	29.270	299.467	7150.405	12.097	-21.411	0.264	24.592



Temp	Vel
0.000	0.000
69.260	0.000
69.200	305.130
69.130	312.710
69.060	234.880
69.040	310.790
69.040	308.480
69.100	306.930
69.200	314.720
69.350	237.120
69.570	232.910
69.830	316.210
70.160	310.920
73.870	189.150
74.250	232.000
74.690	233.520
75.160	319.700
75.680	318.440
76.310	303.020
77.000	304.250
77.760	316.700
78.590	315.800
79.450	232.050

80.380	314.420
81.450	316.870
91.140	274.380
92.130	252.130
93.130	226.920
94.200	244.470
95.340	306.830
96.530	306.600
97.714	303.440
99.020	256.000
100.320	317.650
101.700	235.020
103.140	312.350
116.370	38.280
117.765	219.750
119.085	229.730
120.410	320.480
121.800	231.810
123.220	321.200
124.729	253.340
126.210	319.730
127.860	312.560
129.569	247.830
131.250	219.650
132.980	313.670
147.841	232.550
149.203	312.300
150.650	244.200
152.100	317.820
153.620	239.920
155.180	318.820
156.770	242.970
158.430	315.170
160.220	315.800
161.992	232.960
163.890	316.140
165.920	257.030
183.690	300.640
185.230	305.990
186.990	315.990
188.720	254.180
190.590	232.630
192.430	320.560
194.320	244.370
196.370	233.900
198.340	317.010
200.430	307.620
202.540	313.380
204.595	211.300
205.820	0.000