

GyroTracer Directional:

Date: 1/11/2018
 Operator : Jacob Landis
 Crew : 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
 Planned 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