

GyroTracer Directional:

Date: 9/23/2018
 Operator : David England
 Crew : 05-123-16645
 Well Name: **Barclay Crisman 4-20**
 Field : Crestone Peak Resources
 Tool Type And Number: 1605
 Bottom Depth : 7700.00
 Latitude : 40.20752 N
 Longitude : 104.807295 W
 Location: NWSW 20 3N66W 6 PM
 Planned Footages: 1630 FSL 990 FWL

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

Northing: 0.00 Easting: 0.00 Altitude: 4912.00

Description:

Azimuth measured in degrees and referenced to True North

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 9/23/2018 14:15

End Time: 9/23/2018 15:32

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	0.100	218.154	217.569	100.000	-0.130	-0.100	0.100	0.164
200.000	0.108	295.225	259.354	200.000	-0.056	-0.296	0.119	0.301
300.000	0.109	315.953	287.426	299.999	0.110	-0.350	0.049	0.366
400.000	0.135	342.696	315.349	399.998	0.467	-0.462	0.065	0.657
500.000	0.041	350.682	326.016	499.997	0.854	-0.576	0.200	1.030
600.000	0.159	152.479	330.987	599.997	0.827	-0.459	0.307	0.946
700.000	0.090	174.268	335.384	699.997	0.712	-0.326	0.105	0.783
800.000	0.230	103.965	344.337	799.996	0.595	-0.167	0.216	0.618
900.000	0.170	126.076	1.026	899.996	0.392	0.007	0.098	0.392
1000.000	0.186	176.168	62.569	999.995	0.122	0.234	0.137	0.264
1100.000	0.350	173.231	112.546	1099.994	-0.155	0.374	0.232	0.405
1200.000	0.318	191.641	150.981	1199.993	-0.592	0.328	0.090	0.677
1300.000	0.366	187.300	163.592	1299.992	-1.089	0.321	0.024	1.136
1400.000	0.305	173.523	173.603	1399.991	-1.557	0.175	0.098	1.566
1500.000	0.354	236.274	183.377	1499.989	-2.046	-0.121	0.341	2.050
1600.000	0.425	238.801	195.286	1599.986	-2.432	-0.665	0.132	2.521
1700.000	0.445	227.771	203.111	1699.984	-2.894	-1.235	0.095	3.147
1800.000	0.536	245.089	209.777	1799.980	-3.380	-1.934	0.158	3.894
1900.000	0.547	243.578	213.149	1899.977	-3.826	-2.499	0.079	4.570
2000.000	0.213	289.753	217.132	1999.975	-3.999	-3.028	0.378	5.016
2100.000	0.145	3.255	221.140	2099.974	-3.736	-3.264	0.215	4.961
2200.000	0.442	345.090	225.152	2199.973	-3.247	-3.264	0.256	4.604
2300.000	0.320	1.093	230.627	2299.971	-2.617	-3.190	0.074	4.126

2400.000	0.194	19.560	234.785	2399.969	-2.153	-3.051	0.172	3.734
2500.000	0.222	96.900	236.969	2499.969	-1.863	-2.865	0.276	3.418
2600.000	0.070	329.632	234.436	2599.968	-1.970	-2.756	0.354	3.387
2700.000	0.052	272.769	231.681	2699.968	-2.189	-2.770	0.125	3.530
2800.000	0.176	190.499	228.615	2799.967	-2.477	-2.811	0.089	3.746
2900.000	0.295	156.842	224.917	2899.966	-2.806	-2.798	0.158	3.963
3000.000	0.689	139.573	215.543	2999.963	-3.408	-2.435	0.455	4.188
3100.000	0.940	125.598	196.486	3099.950	-4.542	-1.344	0.319	4.736
3200.000	0.876	129.869	181.975	3199.936	-5.714	-0.197	0.211	5.718
3300.000	0.889	151.747	172.987	3299.924	-6.892	0.848	0.310	6.944
3400.000	0.836	189.258	172.027	3399.916	-8.090	1.133	0.523	8.169
3500.000	0.734	220.672	175.988	3499.906	-9.336	0.655	0.462	9.359
3600.000	0.924	216.276	180.083	3599.897	-10.513	-0.015	0.185	10.513
3700.000	0.366	212.430	182.327	3699.893	-11.255	-0.457	0.413	11.264
3800.000	0.116	246.214	183.275	3799.892	-11.521	-0.659	0.348	11.540
3900.000	0.279	217.181	183.881	3899.891	-11.609	-0.787	0.140	11.636
4000.000	0.088	54.507	184.835	3999.891	-11.658	-0.986	0.351	11.700
4100.000	0.083	347.143	185.702	4099.890	-11.603	-1.159	0.179	11.661
4200.000	0.432	317.033	187.790	4199.889	-11.272	-1.542	0.211	11.377
4300.000	0.627	308.663	191.406	4299.884	-10.521	-2.123	0.233	10.733
4400.000	0.698	321.469	195.286	4399.879	-9.851	-2.692	0.203	10.212
4500.000	0.562	330.805	199.000	4499.875	-8.982	-3.093	0.242	9.500
4600.000	0.418	348.050	203.806	4599.869	-8.081	-3.565	0.184	8.833
4700.000	0.378	352.770	208.879	4699.864	-7.159	-3.949	0.053	8.176
4800.000	0.417	330.383	213.335	4799.861	-6.479	-4.262	0.171	7.755
4900.000	0.358	332.000	217.917	4899.858	-5.853	-4.560	0.046	7.420
5000.000	0.186	13.964	222.185	4999.856	-5.367	-4.864	0.275	7.243
5100.000	0.084	16.524	224.965	5099.855	-5.022	-5.016	0.276	7.098
5200.000	0.194	346.394	226.638	5199.854	-4.789	-5.070	0.116	6.974
5300.000	0.113	329.113	228.114	5299.854	-4.532	-5.054	0.076	6.789
5400.000	0.150	16.525	228.252	5399.853	-4.316	-4.836	0.248	6.482
5500.000	0.276	79.464	226.836	5499.851	-4.267	-4.550	0.320	6.238
5600.000	0.129	234.743	225.700	5599.851	-4.152	-4.255	0.277	5.945
5700.000	0.179	232.131	225.517	5699.850	-4.139	-4.214	0.337	5.907
5800.000	0.916	286.386	232.372	5799.843	-4.086	-5.301	0.851	6.693
5900.000	1.077	275.471	240.270	5899.832	-3.868	-6.772	0.231	7.799
6000.000	0.868	282.883	248.403	5999.815	-3.365	-8.501	0.199	9.143
6100.000	1.075	286.130	253.764	6099.802	-2.907	-9.984	0.402	10.399
6200.000	0.791	292.403	258.386	6199.788	-2.372	-11.541	0.239	11.782
6300.000	0.709	291.092	261.420	6299.777	-1.944	-12.882	0.037	13.028
6400.000	0.927	295.460	264.083	6399.765	-1.491	-14.385	0.126	14.462
6500.000	0.863	271.036	267.318	6499.755	-0.725	-15.472	0.513	15.489
6600.000	1.007	266.315	269.135	6599.734	-0.262	-17.394	0.187	17.396
6700.000	1.002	279.599	269.299	6699.722	-0.231	-18.915	0.253	18.917
6800.000	0.909	274.275	269.631	6799.705	-0.133	-20.696	0.064	20.696
6900.000	1.215	266.586	269.440	6899.688	-0.220	-22.533	0.264	22.535
7000.000	0.976	256.744	268.767	6999.671	-0.523	-24.316	0.232	24.322
7100.000	1.082	259.439	268.104	7099.654	-0.864	-26.105	0.054	26.119
7200.000	0.820	256.528	267.549	7199.639	-1.187	-27.737	0.156	27.762
7300.000	0.688	257.634	266.670	7299.629	-1.691	-29.060	0.310	29.110

7400.000	0.648	262.633	265.949	7399.619	-2.149	-30.347	0.204	30.423
7500.000	0.746	248.738	265.479	7499.615	-2.465	-31.183	0.169	31.280
7600.000	0.509	290.741	265.646	7599.611	-2.439	-32.035	0.509	32.128
7700.000	0.620	240.251	265.641	7699.606	-2.508	-32.904	0.444	33.000

