

GyroTracer Directional:

Date: 7/27/2018
 Operator : Brandon McKnight
 API: 05-013-06033
 Well Name: **Thronson 2**
 Field : Extraction Oil & Gas
 Tool Type And Number: 1719
 Bottom Depth : 8000.00
 Latitude : 40.076813 N
 Longitude : 105.088252 W

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

Northing: 0.00 Easting: 0.00 Altitude: 5045.00

Description:

Azimuth measured in degrees and referenced to True North

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 7/27/2018 12:40

End Time: 7/27/2018 14:05

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
100.140	0.450	353.466	308.320	100.140	0.490	-0.620	0.449	0.790
200.000	1.142	12.898	345.136	199.989	1.887	-0.501	0.730	1.952
300.000	1.977	4.570	357.505	299.937	5.021	-0.219	0.902	5.025
400.000	2.434	11.414	1.249	399.848	9.198	0.201	0.485	9.200
500.000	1.555	4.721	3.839	499.773	12.980	0.871	0.833	13.009
600.000	1.308	16.944	4.086	599.740	15.525	1.109	0.341	15.564
700.000	1.225	357.110	4.304	699.712	17.840	1.343	0.438	17.891
800.000	1.223	350.205	3.769	799.684	20.159	1.328	0.150	20.203
900.000	1.386	344.567	2.217	899.659	22.360	0.865	0.185	22.376
1000.000	1.318	325.157	0.133	999.636	24.281	0.056	0.462	24.281
1100.000	1.040	329.653	357.721	1099.614	26.041	-1.037	0.315	26.062
1200.000	1.281	314.064	355.022	1199.594	27.477	-2.393	0.370	27.581
1300.000	0.923	328.174	353.014	1299.574	29.079	-3.563	0.512	29.296
1400.000	1.248	318.726	351.341	1399.555	30.653	-4.668	0.387	31.007
1500.000	1.000	323.984	349.716	1499.535	32.239	-5.849	0.232	32.765
1600.000	0.937	307.439	348.191	1599.515	33.769	-7.060	0.279	34.499
1700.000	1.193	326.085	347.014	1699.497	35.282	-8.136	0.432	36.208
1800.000	0.824	325.154	346.185	1799.482	36.773	-9.042	0.456	37.868
1900.000	0.971	321.928	345.569	1899.468	38.221	-9.835	0.219	39.466
2000.000	0.984	334.460	344.937	1999.453	39.683	-10.680	0.216	41.095
2100.000	1.142	313.607	343.883	2099.439	40.897	-11.818	0.428	42.570
2200.000	0.819	314.099	342.619	2199.423	41.975	-13.139	0.333	43.983
2300.000	1.213	287.833	341.304	2299.408	42.937	-14.530	0.608	45.329
2400.000	0.990	302.688	339.689	2399.393	43.597	-16.136	0.315	46.487
2500.000	0.771	298.800	338.280	2499.379	44.253	-17.629	0.252	47.635

2600.000	1.140	288.516	336.898	2599.365	44.854	-19.134	0.401	48.764
2700.000	1.162	291.800	335.649	2699.351	45.554	-20.617	0.062	50.002
2800.000	0.796	291.750	334.675	2799.338	46.399	-21.957	0.400	51.332
2900.000	1.015	313.058	333.880	2899.325	47.317	-23.201	0.381	52.699
3000.000	1.114	306.055	333.097	2999.313	48.216	-24.464	0.250	54.067
3100.000	0.900	287.751	332.356	3099.300	49.141	-25.738	0.415	55.473
3200.000	0.919	300.690	331.618	3199.285	50.119	-27.079	0.232	56.966
3300.000	1.210	297.241	330.833	3299.270	51.087	-28.513	0.384	58.505
3400.000	1.090	284.854	329.688	3399.252	51.636	-30.188	0.319	59.812
3500.000	0.968	263.399	328.071	3499.233	51.500	-32.092	0.411	60.681
3600.000	0.973	266.846	326.308	3599.212	51.109	-34.075	0.092	61.426
3700.000	1.131	252.885	324.446	3699.188	50.628	-36.185	0.297	62.230
3800.000	1.954	263.341	322.273	3799.150	50.199	-38.836	0.849	63.468
3900.000	1.842	267.088	320.149	3899.108	49.974	-41.712	0.126	65.094
4000.000	1.563	262.777	318.198	3999.064	49.917	-44.635	0.323	66.963
4100.000	1.574	275.846	316.197	4099.016	49.746	-47.708	0.377	68.925
4200.000	1.643	288.008	314.502	4198.968	49.882	-50.757	0.371	71.166
4300.000	2.155	306.779	313.694	4298.912	51.314	-53.709	0.843	74.282
4400.000	2.057	304.650	313.443	4398.850	53.463	-56.450	0.133	77.749
4500.000	2.018	292.250	312.818	4498.788	55.132	-59.500	0.455	81.116
4600.000	2.072	296.105	312.388	4598.724	57.043	-62.496	0.195	84.615
4700.000	2.124	318.975	312.207	4698.662	59.169	-65.238	0.837	88.074
4800.000	1.464	316.840	312.445	4798.614	61.473	-67.217	0.631	91.088
4900.000	1.490	328.164	312.902	4898.580	63.671	-68.513	0.333	93.531
5000.000	1.049	331.402	313.518	4998.553	65.814	-69.310	0.416	95.579
5100.000	1.343	330.485	314.063	5098.529	67.824	-70.081	0.264	97.527
5200.000	0.979	338.546	314.612	5198.506	69.789	-70.741	0.438	99.372
5300.000	1.467	334.676	315.087	5298.483	71.737	-71.520	0.512	101.298
5400.000	1.543	332.389	315.589	5398.459	73.754	-72.253	0.094	103.248
5500.000	1.133	308.494	315.877	5498.435	75.599	-73.319	0.706	105.313
5600.000	1.518	301.157	315.704	5598.409	76.948	-75.080	0.438	107.509
5700.000	1.566	295.237	315.473	5698.383	78.195	-76.914	0.193	109.683
5800.000	1.203	311.195	315.186	5798.356	79.379	-78.864	0.551	111.895
5900.000	1.370	301.702	314.865	5898.331	80.408	-80.787	0.303	113.983
6000.000	0.899	294.297	314.565	5998.310	81.339	-82.583	0.529	115.914
6100.000	1.053	284.020	314.245	6098.287	82.259	-84.455	0.212	117.895
6200.000	1.215	304.644	313.890	6198.262	83.153	-86.439	0.439	119.942
6300.000	1.110	308.725	313.578	6298.239	84.067	-88.346	0.137	121.952
6400.000	1.409	307.942	313.410	6398.217	85.190	-90.055	0.326	123.965
6500.000	0.739	13.032	313.694	6498.201	86.679	-90.723	1.269	125.475
6600.000	1.139	29.345	314.385	6598.186	88.198	-90.112	0.457	126.091
6700.000	1.359	50.397	315.275	6698.166	89.531	-88.675	0.495	126.012
6800.000	1.252	79.442	316.191	6798.144	90.536	-86.848	0.641	125.456
6900.000	1.403	87.936	317.096	6898.119	91.258	-84.814	0.363	124.584
7000.000	0.970	85.524	317.802	6998.098	91.330	-82.806	0.375	123.280
7100.000	1.118	100.926	318.248	7098.080	90.803	-81.051	0.338	121.715
7200.000	0.955	136.561	318.559	7198.062	89.977	-79.440	0.721	120.027
7300.000	0.938	148.023	318.746	7298.047	88.997	-78.058	0.197	118.378
7400.000	1.314	136.182	318.817	7398.030	87.788	-76.807	0.385	116.645
7500.000	0.569	82.069	318.871	7498.017	86.719	-75.727	1.127	115.129

7600.000	0.210	164.980	319.214	7598.009	86.459	-74.593	0.665	114.189
7700.000	0.637	98.603	319.404	7698.005	86.314	-73.971	0.573	113.674
7800.000	0.370	79.584	319.502	7798.003	86.052	-73.491	0.203	113.163
7900.000	0.465	152.565	319.423	7898.001	85.664	-73.364	0.514	112.785
8000.000	0.280	329.870	319.301	7997.999	85.495	-73.535	0.759	112.769
8000.150	0.180	8.410	319.301	7998.149	85.496	-73.536	0.655	112.770