

**GyroTracer Directional:**

Date: 3/20/2018  
 Operator : Ashton Williams  
 API: 05-123-23555  
 Well Name: **Michael I 14-2**  
 Field : SRC Energy  
 Tool Type And Number: 1717  
 Bottom Depth : 7050.02  
 Latitude : 40.49379 N  
 Longitude : 104.74252 W

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

Northing: 0.00      Easting: 0.00      Altitude: 4809.00

**Description:**

*Azimuth measured in degrees and referenced to True North*

*Inclination measured from Vertical*

*Length measured in US survey feet*

*Temperature measured in Fahrenheit degrees*

Start Time: 3/20/2018 10:02

End Time: 3/20/2018 11:17

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	0.770	274.156	265.732	99.990	-0.100	-1.340	0.770	1.344
200.000	0.599	290.018	269.015	199.984	-0.041	-2.386	0.264	2.386
300.000	0.595	296.029	275.698	299.978	0.343	-3.438	0.075	3.455
400.000	0.787	296.692	280.311	399.971	0.826	-4.541	0.184	4.615
500.000	1.059	316.175	289.398	499.956	2.009	-5.706	0.395	6.049
600.000	0.815	322.667	294.681	599.944	3.126	-6.803	0.255	7.487
700.000	1.020	305.985	298.762	699.929	4.380	-7.980	0.322	9.104
800.000	0.828	296.110	299.196	799.915	5.230	-9.359	0.238	10.721
900.000	0.873	299.441	299.259	899.905	5.957	-10.633	0.056	12.188
1000.000	0.668	291.066	298.522	999.895	6.489	-11.940	0.259	13.589
1100.000	0.962	286.545	297.986	1099.884	7.062	-13.289	0.274	15.049
1200.000	0.710	278.950	296.390	1199.873	7.314	-14.740	0.279	16.455
1300.000	0.905	283.329	295.693	1299.864	7.698	-16.001	0.206	17.756
1400.000	0.818	263.454	293.987	1399.853	7.755	-17.428	0.298	19.076
1500.000	0.681	269.551	292.258	1499.846	7.641	-18.670	0.144	20.173
1600.000	0.661	264.393	290.822	1599.838	7.570	-19.904	0.064	21.295
1700.000	0.518	281.766	289.704	1699.833	7.458	-20.826	0.254	22.121
1800.000	0.560	280.414	289.255	1799.828	7.610	-21.785	0.022	23.076
1900.000	0.517	283.952	289.017	1899.824	7.825	-22.705	0.050	24.015
2000.000	0.590	313.873	289.008	1999.820	8.097	-23.504	0.293	24.860
2100.000	0.754	308.502	289.926	2099.814	8.810	-24.304	0.147	25.851
2200.000	0.672	316.307	291.226	2199.804	9.818	-25.280	0.141	27.119
2300.000	0.967	339.767	293.303	2299.792	11.189	-25.976	0.428	28.283
2400.000	1.245	344.887	295.998	2399.773	13.001	-26.658	0.297	29.659

2500.000	1.316	3.469	299.454	2499.747	15.256	-27.016	0.411	31.026
2600.000	1.201	10.532	302.962	2599.720	17.539	-27.046	0.315	32.235
2700.000	1.364	2.421	306.407	2699.693	19.884	-26.963	0.227	33.502
2800.000	1.620	4.998	309.963	2799.659	22.475	-26.820	0.198	34.992
2900.000	1.529	1.245	313.178	2899.622	25.179	-26.833	0.112	36.797
3000.000	1.179	3.267	315.871	2999.594	27.546	-26.720	0.333	38.376
3100.000	1.040	5.914	318.233	3099.572	29.561	-26.400	0.178	39.633
3200.000	0.877	358.129	319.897	3199.558	31.230	-26.301	0.209	40.830
3300.000	0.497	3.136	320.967	3299.551	32.399	-26.267	0.399	41.709
3400.000	0.317	356.075	321.477	3399.549	33.059	-26.318	0.133	42.255
3500.000	0.287	279.754	321.424	3499.548	33.280	-26.544	0.361	42.570
3600.000	0.660	263.960	320.346	3599.544	32.941	-27.303	0.402	42.785
3700.000	0.574	280.613	319.347	3699.539	32.997	-28.335	0.180	43.493
3800.000	0.643	315.576	319.034	3799.533	33.590	-29.164	0.374	44.484
3900.000	0.819	312.169	318.816	3899.526	34.380	-30.080	0.178	45.682
4000.000	0.861	314.212	318.749	3999.516	35.379	-31.027	0.072	47.057
4100.000	0.650	311.088	318.603	4099.508	36.268	-31.971	0.235	48.348
4200.000	0.520	289.095	318.319	4199.503	36.750	-32.721	0.255	49.206
4300.000	0.493	266.905	317.709	4299.499	36.916	-33.581	0.230	49.904
4400.000	0.354	261.470	316.789	4399.495	36.651	-34.431	0.122	50.287
4500.000	0.506	246.595	315.844	4499.491	36.276	-35.222	0.165	50.562
4600.000	0.602	214.506	314.695	4599.486	35.599	-35.980	0.327	50.615
4700.000	1.063	205.095	313.133	4699.476	34.431	-36.752	0.460	50.361
4800.000	1.238	195.116	311.046	4799.456	32.576	-37.414	0.273	49.609
4900.000	1.693	190.232	308.334	4899.420	29.965	-37.896	0.441	48.312
5000.000	1.701	170.508	305.078	4999.371	26.871	-38.266	0.593	46.758
5100.000	1.418	181.741	302.208	5099.334	24.154	-38.344	0.461	45.318
5200.000	1.290	186.932	299.321	5199.301	21.619	-38.490	0.154	44.146
5300.000	1.137	175.898	296.738	5299.277	19.430	-38.569	0.254	43.186
5400.000	0.900	170.168	294.692	5399.261	17.639	-38.363	0.248	42.224
5500.000	0.677	170.881	293.045	5499.251	16.250	-38.198	0.347	41.511
5600.000	0.460	169.897	291.852	5599.246	15.250	-38.028	0.269	40.972
5700.000	0.650	190.815	290.655	5699.241	14.321	-37.989	0.285	40.599
5800.000	0.526	199.010	289.273	5799.236	13.353	-38.187	0.171	40.454
5900.000	0.337	215.644	288.189	5899.233	12.646	-38.487	0.266	40.511
6000.000	0.233	214.562	287.372	5999.231	12.133	-38.783	0.056	40.637
6100.000	0.179	202.735	286.710	6099.230	11.731	-39.077	0.186	40.800
6200.000	0.285	280.618	286.451	6199.229	11.608	-39.312	0.324	40.990
6300.000	0.386	302.307	286.577	6299.227	11.855	-39.824	0.142	41.551
6400.000	0.745	316.721	287.037	6399.224	12.384	-40.415	0.425	42.269
6500.000	0.820	321.460	288.033	6499.215	13.428	-41.248	0.085	43.378
6600.000	0.920	299.815	288.877	6599.203	14.476	-42.337	0.341	44.743
6700.000	0.540	325.605	289.302	6699.197	15.127	-43.193	0.465	45.765
6800.000	1.089	333.301	290.313	6799.189	16.227	-43.836	0.645	46.743
6900.000	2.140	317.367	292.422	6899.137	18.814	-45.596	1.112	49.325
7000.000	2.200	305.481	293.852	6999.061	21.437	-48.484	0.447	53.011
7050.020	1.970	302.690	294.152	7049.048	22.419	-49.995	0.464	54.792

