

GyroTracer Directional:

Date: 12/11/2017
 Operator : Derek Lewis
 API: 05-123-30466
 Well: Cletcher 11-21D
 Field : SRC Energy
 Tool Type And Number: 1213
 Bottom Depth : 6650.00
 Latitude : 40.30
 Longitude : 105.01
 Grid Offset : 0.00

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

Northing: 0.00 Easting: 0.00 Altitude: 4935.00

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: 12/11/2017 8:54

End Time: 12/11/2017 10:10

Depth	Inclination	Azimuth	Closure Direction	True Depth	Coordinates		Dogleg Severity	Closure Distance	Temp
					+N/-S	+E/-W			
0.00	0.00	0.00	0.00	-4935.00	0.00	0.00	0.00	0.00	0.00
100.00	0.83	1.62	31.86	-4835.01	1.11	0.69	1.20	1.30	69.17
200.00	1.52	324.60	354.42	-4735.03	3.06	-0.30	0.95	3.08	68.82
300.00	1.75	314.51	336.39	-4635.08	5.21	-2.28	0.41	5.69	68.49
400.00	2.47	301.84	323.94	-4535.15	7.44	-5.42	0.83	9.21	68.25
500.00	3.29	295.73	314.22	-4435.30	9.96	-10.23	0.76	14.28	68.12
600.00	4.25	291.39	307.61	-4335.52	12.56	-16.31	0.95	20.58	68.11
700.00	4.47	292.03	303.38	-4235.81	15.42	-23.40	0.22	28.02	68.21
800.00	4.66	295.73	301.24	-4136.13	18.63	-30.72	0.35	35.93	68.40
900.00	5.16	302.73	301.23	-4036.50	23.04	-38.01	0.87	44.45	70.92
1000.00	5.83	305.59	301.80	-3936.97	28.52	-46.00	0.72	54.12	71.35
1100.00	6.82	317.19	303.29	-3837.61	35.82	-54.54	1.54	65.25	71.87
1200.00	8.69	321.10	306.36	-3738.53	46.35	-62.96	1.93	78.18	72.41
1300.00	11.82	317.43	308.74	-3640.24	60.20	-75.05	3.18	96.21	73.01
1400.00	14.10	317.48	310.34	-3542.82	76.74	-90.35	2.26	118.54	73.64
1500.00	14.96	315.12	311.40	-3446.06	95.00	-107.75	1.05	143.65	74.28
1600.00	15.27	311.31	311.54	-3349.52	112.55	-127.03	1.04	169.72	75.04
1700.00	15.68	314.28	311.65	-3253.16	130.55	-146.78	0.88	196.44	75.88
1800.00	16.12	314.93	312.04	-3157.03	149.99	-166.35	0.47	223.98	82.82
1900.00	15.87	312.68	312.22	-3060.90	169.01	-186.24	0.67	251.50	83.75
2000.00	16.21	312.11	312.21	-2964.80	187.57	-206.78	0.36	279.17	84.54
2100.00	16.34	313.16	312.26	-2868.82	206.59	-227.39	0.31	307.23	85.53
2200.00	16.72	313.06	312.33	-2772.98	226.08	-248.23	0.38	335.75	86.65
2300.00	16.63	313.11	312.38	-2677.18	245.66	-269.22	0.09	364.45	87.80
2400.00	16.93	316.39	312.50	-2581.48	265.81	-290.04	0.99	393.42	88.80
2500.00	16.50	319.82	312.94	-2485.73	287.57	-309.00	0.92	422.11	89.80
2600.00	17.55	321.87	313.45	-2390.12	310.28	-327.51	1.16	451.15	90.84
2700.00	18.28	323.53	314.09	-2295.11	335.31	-346.11	0.85	481.90	99.82

2800.00	18.63	323.88	314.68	-2200.28	360.88	-364.88	0.35	513.20	100.97
2900.00	17.79	323.42	315.20	-2105.36	386.25	-383.51	0.86	544.30	101.97
3000.00	16.23	321.62	315.57	-2009.65	409.23	-401.14	1.64	573.05	103.02
3100.00	16.49	319.91	315.82	-1913.71	431.12	-418.89	0.55	601.11	104.12
3200.00	16.76	319.83	315.97	-1817.94	452.87	-437.76	0.27	629.86	105.35
3300.00	16.90	320.98	316.19	-1722.21	475.32	-455.97	0.33	658.66	106.49
3400.00	15.99	318.99	316.35	-1626.32	497.04	-474.20	1.07	686.96	107.78
3500.00	16.18	318.55	316.44	-1530.25	517.92	-492.50	0.22	714.70	108.93
3600.00	17.06	320.32	316.55	-1434.45	539.66	-511.18	0.99	743.33	110.13
3700.00	17.49	320.24	316.70	-1338.97	562.53	-530.18	0.41	772.99	119.93
3800.00	17.49	318.09	316.79	-1243.65	585.44	-549.90	0.65	803.20	121.01
3900.00	16.32	314.98	316.78	-1147.94	606.38	-569.92	1.46	832.17	122.02
4000.00	15.99	313.80	316.69	-1051.82	625.56	-589.73	0.44	859.71	123.06
4100.00	15.35	314.66	316.61	-955.42	644.01	-608.90	0.66	886.29	124.07
4200.00	14.53	315.81	316.57	-858.83	662.44	-627.04	0.86	912.15	125.05
4300.00	12.94	319.04	316.61	-761.66	680.04	-642.77	1.76	935.74	126.02
4400.00	11.74	317.06	316.65	-663.99	696.08	-657.04	1.28	957.20	127.03
4500.00	9.99	313.18	316.61	-565.68	708.86	-670.10	1.87	975.46	128.06
4600.00	8.53	307.55	316.51	-466.97	719.26	-682.20	1.70	991.33	129.15
4700.00	7.44	301.58	316.35	-367.88	726.79	-693.40	1.34	1004.51	130.32
4800.00	6.70	296.56	316.13	-268.58	732.26	-703.82	0.93	1015.67	142.60
4900.00	6.25	292.35	315.91	-169.17	736.68	-713.73	0.63	1025.72	144.21
5000.00	6.19	282.75	315.62	-69.76	739.81	-724.06	1.02	1035.18	145.61
5100.00	4.83	268.83	315.27	29.78	740.60	-733.59	1.88	1042.42	147.09
5200.00	3.09	255.14	315.00	129.58	739.83	-739.74	1.95	1046.21	148.44
5300.00	1.75	266.48	314.81	229.49	739.02	-744.00	1.44	1048.66	150.10
5400.00	0.77	253.82	314.74	329.47	738.75	-745.39	1.00	1049.45	151.67
5500.00	2.07	262.35	314.65	429.45	738.41	-747.42	1.54	1050.66	153.26
5600.00	2.78	262.31	314.47	529.36	737.85	-751.59	0.85	1053.24	165.81
5700.00	4.07	260.82	314.21	629.18	737.00	-757.52	1.06	1056.89	167.59
5800.00	4.55	258.59	313.89	728.91	735.63	-764.74	0.89	1061.12	169.27
5900.00	5.02	257.57	313.51	828.55	733.90	-773.02	0.46	1065.91	170.96
6000.00	4.67	257.44	313.14	928.20	731.93	-781.12	0.34	1070.46	172.73
6100.00	5.01	256.38	312.76	1027.84	729.99	-789.37	0.35	1075.17	174.44
6200.00	5.46	257.42	312.36	1127.43	727.98	-798.24	0.42	1080.34	175.99
6300.00	5.32	259.51	311.98	1227.00	726.32	-807.26	0.09	1085.92	177.73
6400.00	5.46	254.16	311.57	1326.56	724.09	-816.37	0.52	1091.23	179.45
6500.00	5.03	251.95	311.16	1426.12	721.37	-825.30	0.47	1096.12	192.89
6600.00	5.29	251.84	310.76	1525.73	718.54	-833.73	0.25	1100.64	194.33
6650.00	5.25	253.31	310.55	1575.51	717.13	-838.13	0.39	1103.06	195.14