

GyroTracer Directional:

Date: 12/11/2017
 Operator : Derek Lewis
 API: 05-123-30468
 Well: Cletcher 12-21D
 Field : SRC Energy
 Tool Type And Number: 1213
 Bottom Depth : 6150.00
 Latitude : 40.30
 Longitude : 105.01
 Grid Offset : 0.00

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

Northing: 0.00 Easting: 0.00 Altitude: 4936.00

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 12:47

End Time: 12/11/2017 14:03

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	-4936.00	0.00	0.00	0.00	0.00	0.00
100.00	1.16	255.07	253.90	-4836.02	-0.56	-1.94	1.16	2.02	76.49
200.00	1.53	257.45	254.72	-4736.05	-1.18	-4.31	0.36	4.46	75.41
300.00	2.00	263.48	257.39	-4636.10	-1.68	-7.49	0.50	7.68	74.83
400.00	2.64	266.35	260.02	-4536.18	-2.02	-11.48	0.61	11.66	74.43
500.00	3.64	266.81	262.09	-4436.33	-2.35	-16.92	1.08	17.09	73.98
600.00	5.11	270.50	263.95	-4336.65	-2.63	-24.78	1.42	24.92	73.70
700.00	5.69	273.13	266.57	-4237.13	-2.07	-34.59	0.57	34.65	73.57
800.00	5.49	269.64	267.68	-4137.61	-1.80	-44.39	0.40	44.43	74.14
900.00	5.07	243.66	266.20	-4038.01	-3.53	-53.05	2.39	53.17	74.36
1000.00	6.20	228.62	260.90	-3938.53	-9.77	-61.04	1.80	61.81	74.70
1100.00	6.86	227.58	255.96	-3839.19	-17.39	-69.55	0.67	71.69	75.08
1200.00	7.53	226.01	251.66	-3739.99	-26.10	-78.72	0.69	82.93	75.55
1300.00	9.18	222.95	247.62	-3641.09	-36.65	-88.99	1.70	96.24	76.12
1400.00	11.19	222.45	243.68	-3542.74	-50.05	-101.17	1.95	112.87	76.70
1500.00	12.84	225.17	240.59	-3444.99	-65.25	-115.75	1.71	132.88	77.35
1600.00	12.21	228.74	238.59	-3347.47	-80.47	-131.78	1.00	154.41	82.89
1700.00	12.11	236.88	237.91	-3249.61	-92.91	-148.18	1.68	174.90	83.61
1800.00	14.57	244.10	238.46	-3152.39	-103.69	-168.93	2.86	198.21	84.40
1900.00	16.94	240.40	238.84	-3056.45	-117.12	-193.69	2.38	226.34	85.33
2000.00	16.99	238.94	238.90	-2960.81	-131.99	-218.82	0.44	255.54	86.31
2100.00	17.12	238.94	238.91	-2865.20	-147.09	-243.96	0.13	284.87	87.31
2200.00	17.68	238.91	238.92	-2769.83	-162.58	-269.72	0.55	314.93	88.38
2300.00	17.30	238.04	238.86	-2674.44	-178.35	-295.25	0.46	344.93	89.41
2400.00	17.24	236.45	238.74	-2578.92	-194.37	-320.16	0.48	374.54	97.32
2500.00	17.60	235.11	238.51	-2483.51	-211.26	-344.86	0.52	404.42	98.44
2600.00	18.19	233.46	238.18	-2388.37	-229.44	-369.73	0.76	435.14	99.33
2700.00	18.72	233.27	237.85	-2293.53	-248.39	-395.14	0.53	466.73	100.20

2800.00	19.27	233.63	237.55	-2199.03	-267.92	-421.38	0.52	499.34	101.07
2900.00	19.14	235.64	237.37	-2104.65	-287.04	-448.34	0.67	532.35	101.95
3000.00	18.70	238.68	237.38	-2009.96	-304.32	-475.44	1.04	564.49	102.97
3100.00	18.81	239.62	237.49	-1915.22	-320.59	-503.02	0.32	596.49	104.11
3200.00	18.82	238.30	237.56	-1820.52	-337.21	-530.51	0.43	628.61	105.22
3300.00	19.48	237.87	237.58	-1726.08	-354.64	-558.37	0.67	661.48	114.07
3400.00	19.99	237.58	237.58	-1631.98	-372.77	-586.94	0.49	695.31	115.58
3500.00	19.69	237.71	237.59	-1537.86	-390.83	-615.50	0.29	729.10	117.12
3600.00	19.08	237.41	237.59	-1443.46	-408.51	-643.36	0.50	762.10	118.29
3700.00	16.63	236.10	237.54	-1348.16	-425.33	-668.54	2.46	792.37	119.46
3800.00	14.82	237.18	237.51	-1251.83	-440.07	-690.91	1.82	819.16	120.65
3900.00	12.44	235.03	237.48	-1154.69	-453.15	-710.69	2.43	842.87	121.79
4000.00	9.68	233.53	237.40	-1056.52	-464.29	-726.11	2.69	861.86	123.02
4100.00	7.32	236.18	237.35	-957.53	-472.56	-737.54	2.25	875.95	131.39
4200.00	6.38	239.06	237.36	-858.24	-478.83	-747.69	0.98	887.87	132.41
4300.00	4.82	234.15	237.36	-758.69	-483.96	-755.51	1.61	897.22	133.47
4400.00	4.55	235.01	237.33	-658.99	-488.61	-761.83	0.25	905.05	134.53
4500.00	4.20	238.63	237.32	-559.28	-492.66	-768.13	0.44	912.55	135.66
4600.00	2.43	233.64	237.32	-459.44	-495.69	-772.79	1.80	918.10	136.83
4700.00	1.81	237.94	237.31	-359.50	-497.78	-775.72	0.59	921.70	138.15
4800.00	1.29	294.21	237.38	-259.53	-498.03	-778.03	1.52	923.78	139.45
4900.00	1.13	299.70	237.49	-159.56	-497.04	-779.97	0.19	924.88	140.69
5000.00	1.36	289.68	237.60	-59.58	-496.14	-781.74	0.33	925.89	151.68
5100.00	2.32	280.35	237.75	40.37	-495.29	-785.00	0.95	928.19	153.12
5200.00	2.42	278.37	237.92	140.28	-494.73	-789.13	0.27	931.39	154.43
5300.00	2.80	268.06	238.07	240.17	-494.61	-793.83	0.56	935.31	155.74
5400.00	4.23	252.96	238.19	339.95	-496.26	-800.18	1.18	941.57	157.05
5500.00	5.29	259.11	238.36	439.58	-498.23	-808.46	1.15	949.66	158.30
5600.00	5.76	259.61	238.57	539.10	-500.06	-818.12	0.46	958.84	159.69
5700.00	4.87	257.30	238.75	638.67	-501.94	-827.15	0.89	967.54	161.15
5800.00	3.27	251.99	238.85	738.44	-503.84	-833.65	1.64	974.08	162.74
5900.00	3.08	241.99	238.89	838.29	-506.02	-838.52	0.59	979.37	164.35
6000.00	3.29	244.47	238.91	938.13	-508.64	-843.50	0.27	984.99	177.93
6100.00	3.47	257.12	238.99	1037.97	-510.23	-848.96	0.76	990.48	179.70
6150.00	4.14	261.28	239.07	1087.86	-510.75	-852.26	1.06	993.58	180.86