

Scientific Drilling

Gyroscopic Survey Report

for

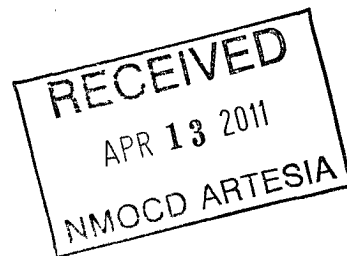
DEVON ENERGY

30-015-38195

Well Location	EDDY COUNTY, TEXAS
Well Name	STRAWBERRY 7 FED COM #6H
Rig Name	H & P #223
Survey Date	11/6/2010
Latitude	32.67 deg
North Reference	Grid North
Grid Correction	-0.23 deg
Depth Reference	RKB
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 269.55Azim (deg)
Definitive Survey	FINAL OUTFIT
Operator	LEO GARZA

Comments

ZERO REFERENCE IS AT KB OF 25'.





Survey Report

Well Name: STRAWBERRY 7 FED COM #6H

Survey: FINAL OUTFUN

Survey Date: 11/6/2010

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.30	109.50	100.00	-0.24	-0.09	0.24	0.30	0.26	109.50
200.00	0.27	102.92	200.00	-0.72	-0.23	0.72	0.04	0.75	107.46
300.00	0.20	53.36	300.00	-1.09	-0.17	1.09	0.21	1.10	99.05
400.00	0.35	357.81	400.00	-1.22	0.24	1.22	0.29	1.24	78.91
500.00	0.61	341.17	499.99	-1.04	1.05	1.03	0.29	1.47	44.43
600.00	0.55	335.08	599.99	-0.67	2.00	0.65	0.09	2.10	18.15
700.00	0.57	334.38	699.98	-0.26	2.89	0.23	0.02	2.90	4.64
800.00	0.59	326.07	799.98	0.24	3.77	-0.27	0.09	3.78	355.89
900.00	0.35	328.38	899.97	0.68	4.46	-0.72	0.24	4.52	350.83
1000.00	0.26	340.91	999.97	0.92	4.94	-0.96	0.11	5.03	349.05
1100.00	0.22	353.17	1099.97	1.01	5.34	-1.05	0.07	5.44	348.85
1200.00	0.30	43.15	1199.97	0.85	5.72	-0.90	0.23	5.79	351.09
1300.00	0.41	53.94	1299.97	0.38	6.12	-0.43	0.13	6.13	355.97
1400.00	0.62	59.76	1399.97	-0.38	6.60	0.33	0.22	6.61	2.85
1500.00	0.70	54.65	1499.96	-1.36	7.23	1.30	0.10	7.34	10.19
1600.00	0.89	65.61	1599.95	-2.57	7.90	2.51	0.24	8.29	17.60
1700.00	1.07	60.38	1699.93	-4.10	8.69	4.03	0.20	9.58	24.88
1800.00	1.13	71.74	1799.92	-5.85	9.46	5.78	0.22	11.08	31.42
1900.00	1.27	79.72	1899.89	-7.88	9.97	7.80	0.22	12.66	38.06
2000.00	1.35	94.61	1999.87	-10.15	10.07	10.07	0.35	14.24	45.01
2100.00	1.44	112.12	2099.84	-12.49	9.50	12.41	0.43	15.63	52.57
2200.00	1.68	130.25	2199.80	-14.76	8.08	14.69	0.54	16.77	61.18
2300.00	1.90	136.39	2299.75	-17.00	5.94	16.95	0.30	17.96	70.70
2400.00	1.95	144.88	2399.70	-19.11	3.34	19.08	0.29	19.37	80.07
2500.00	1.82	147.18	2499.64	-20.92	0.61	20.92	0.15	20.93	88.32
2600.00	1.41	151.45	2599.60	-22.35	-1.80	22.37	0.42	22.44	94.61
2700.00	1.22	147.91	2699.58	-23.50	-3.79	23.53	0.21	23.83	99.16
2800.00	1.07	152.56	2799.56	-24.48	-5.52	24.52	0.18	25.14	102.69
2900.00	1.07	151.98	2899.54	-25.33	-7.18	25.39	0.01	26.39	105.78
3000.00	0.98	165.85	2999.52	-25.97	-8.83	26.04	0.26	27.50	108.74
3100.00	0.67	155.95	3099.51	-26.41	-10.20	26.49	0.34	28.38	111.05
3200.00	0.67	172.25	3199.51	-26.71	-11.30	26.80	0.19	29.09	112.87
3300.00	0.43	200.74	3299.50	-26.65	-12.23	26.75	0.35	29.41	114.58
3400.00	0.31	251.08	3399.50	-26.26	-12.68	26.36	0.34	29.25	115.68
3500.00	0.51	346.06	3499.50	-25.90	-12.33	26.00	0.61	28.78	115.38
3600.00	0.59	6.18	3599.49	-25.86	-11.39	25.95	0.21	28.34	113.70
3700.00	0.55	19.32	3699.49	-26.08	-10.43	26.16	0.14	28.16	111.73
3800.00	0.56	20.01	3799.48	-26.41	-9.52	26.49	0.02	28.15	109.77



Survey Report

Well Name:		STRAWBERRY 7 FED COM #6H							
Survey:		FINAL OUTFUN							
Survey Date:		11/6/2010							
MD	Inc	Azim	TVD	VS	Northing	Easting	DLS	Closure Distance	Closure Angle
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg
3900.00	0.64	43.23	3899.48	-26.97	-8.65	27.04	0.25	28.39	107.75
4000.00	0.64	47.80	3999.47	-27.77	-7.87	27.83	0.05	28.92	105.79
4100.00	0.63	48.78	4099.47	-28.60	-7.13	28.66	0.01	29.53	103.98
4200.00	0.72	5.90	4199.46	-29.09	-6.15	29.14	0.50	29.78	101.92
4300.00	0.80	335.17	4299.45	-28.87	-4.89	28.91	0.41	29.32	99.61
4400.00	0.87	335.90	4399.44	-28.28	-3.57	28.31	0.07	28.53	97.19
4500.00	0.85	343.54	4499.43	-27.77	-2.17	27.79	0.12	27.87	94.46
4600.00	0.74	343.69	4599.42	-27.39	-0.84	27.40	0.11	27.41	91.75
4700.00	0.76	345.17	4699.41	-27.05	0.42	27.04	0.03	27.05	89.11
4800.00	0.60	346.52	4799.40	-26.76	1.57	26.75	0.16	26.80	86.64
4900.00	0.66	353.91	4899.40	-26.59	2.66	26.57	0.10	26.70	84.29
5000.00	0.57	11.54	4999.39	-26.64	3.72	26.61	0.21	26.87	82.04
5100.00	0.57	8.34	5099.39	-26.82	4.70	26.78	0.03	27.19	80.04
5200.00	0.65	12.72	5199.38	-27.02	5.75	26.98	0.09	27.58	77.97
5300.00	0.65	12.10	5299.38	-27.27	6.86	27.22	0.01	28.07	75.86
5400.00	0.68	0.15	5399.37	-27.40	8.01	27.34	0.14	28.49	73.68
5500.00	0.58	348.27	5499.36	-27.31	9.09	27.24	0.16	28.72	71.54
5600.00	0.59	339.45	5599.36	-27.04	10.07	26.96	0.09	28.78	69.52
5700.00	0.60	347.71	5699.35	-26.75	11.06	26.67	0.09	28.87	67.48
5800.00	0.60	344.76	5799.35	-26.51	12.07	26.42	0.03	29.04	65.45
5900.00	0.63	342.10	5899.34	-26.21	13.09	26.11	0.05	29.21	63.37
6000.00	0.54	339.31	5999.34	-25.88	14.06	25.78	0.10	29.36	61.38
6100.00	0.64	337.97	6099.33	-25.52	15.02	25.40	0.10	29.51	59.40
6200.00	0.56	344.49	6199.33	-25.19	16.00	25.06	0.11	29.74	57.44
6300.00	0.13	353.66	6299.32	-25.05	16.59	24.92	0.43	29.93	56.35
6400.00	0.17	32.95	6399.32	-25.12	16.83	24.99	0.11	30.13	56.04
6500.00	0.28	359.54	6499.32	-25.20	17.19	25.07	0.16	30.40	55.55
6600.00	0.25	349.57	6599.32	-25.17	17.65	25.03	0.05	30.62	54.81
6700.00	0.34	348.51	6699.32	-25.07	18.14	24.93	0.09	30.83	53.95
6800.00	0.62	329.90	6799.32	-24.75	18.90	24.60	0.32	31.02	52.47
6900.00	0.84	311.77	6899.31	-23.94	19.85	23.79	0.31	30.98	50.16
7000.00	0.91	302.84	6999.30	-22.74	20.76	22.58	0.15	30.68	47.40
7100.00	1.03	301.28	7099.28	-21.32	21.66	21.15	0.13	30.27	44.32
7200.00	1.08	305.49	7199.27	-19.79	22.67	19.62	0.09	29.98	40.87
7300.00	1.22	304.28	7299.25	-18.16	23.82	17.97	0.14	29.84	37.04
7400.00	1.50	310.57	7399.22	-16.30	25.27	16.10	0.32	29.96	32.51
7500.00	1.82	313.15	7499.18	-14.16	27.20	13.95	0.33	30.57	27.15
7600.00	2.05	314.12	7599.12	-11.74	29.53	11.50	0.24	31.70	21.28



Survey Report

Well Name: STRAWBERRY 7 FED COM #6H

Survey: FINAL OUTFUN

Survey Date: 11/6/2010

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
7700.00	1.96	316.10	7699.06	-9.29	32.01	9.04	0.12	33.26	15.77
7800.00	1.62	313.87	7799.01	-7.10	34.22	6.83	0.34	34.89	11.29
7900.00	1.46	312.25	7898.97	-5.16	36.05	4.87	0.17	36.38	7.70
8000.00	1.20	315.84	7998.95	-3.50	37.66	3.21	0.27	37.79	4.87
8100.00	1.28	323.97	8098.92	-2.13	39.31	1.82	0.19	39.35	2.65
8160.00	1.21	313.19	8158.91	-1.28	40.28	0.97	0.41	40.30	1.37

Gyro TXT FILE.txt

Gyroscopic Survey Report for:
DEVON ENERGY

Well Location: EDDY COUNTY, TEXAS
Well Name: STRAWBERRY 7 FED COM #6H
Rig Name: H & P #223
Survey Date: 11/6/2010
Latitude: 32.67 deg
North Reference: Grid North
Grid Correction: -0.23 deg
Depth Reference: RKB
Calculation Method: Minimum Curvature
Section (VS) Ref: 0.00N (ft), 0.00E (ft), 269.55Azim (deg)
Definitive Survey: FINAL OUTRUN
Operator: LEO GARZA

Comments:

ZERO REFERENCE IS AT KB OF 25'.

Measured Depth [ft]	Inclination [deg]	Azimuth [deg]	True Vertical Depth
[ft]	Vertical Section [ft]	Northing (Latitude) [ft]	Easting (Departure)
[ft]	Dog Leg Severity [deg/100ft]	Closure Distance [ft]	Closure Angle [deg]
0.00	0.00	0.00	Invalid 0.00 0.00
100.00	0.30	109.50	100.00 -0.24 -0.09 0.24 0.30 0.26 109.50
200.00	0.27	102.92	200.00 -0.72 -0.23 0.72 0.04 0.75 107.46
300.00	0.20	53.36	300.00 -1.09 -0.17 1.09 0.21 1.10 99.05
400.00	0.35	357.81	400.00 -1.22 0.24 1.22 0.29 1.24 78.91
500.00	0.61	341.17	499.99 -1.04 1.05 1.03 0.29 1.47 44.43
600.00	0.55	335.08	599.99 -0.67 2.00 0.65 0.09 2.10 18.15
700.00	0.57	334.38	699.98 -0.26 2.89 0.23 0.02 2.90 4.64
800.00	0.59	326.07	799.98 0.24 3.77 -0.27 0.09 3.78 355.89
900.00	0.35	328.38	899.97 0.68 4.46 -0.72 0.24 4.52 350.83
1000.00	0.26	340.91	999.97 0.92 4.94 -0.96 0.11 5.03 349.05
1100.00	0.22	353.17	1099.97 1.01 5.34 -1.05 0.07 5.44 348.85
1200.00	0.30	43.15	1199.97 0.85 5.72 -0.90 0.23 5.79 351.09
1300.00	0.41	53.94	1299.97 0.38 6.12 -0.43 0.13 6.13 355.97
1400.00	0.62	59.76	1399.97 -0.38 6.60 0.33 0.22 6.61 2.85
1500.00	0.70	54.65	1499.96 -1.36 7.23 1.30 0.10 7.34 10.19
1600.00	0.89	65.61	1599.95 -2.57 7.90 2.51 0.24 8.29 17.60
1700.00	1.07	60.38	1699.93 -4.10 8.69 4.03 0.20 9.58 24.88
1800.00	1.13	71.74	1799.92 -5.85 9.46 5.78 0.22 11.08 31.42
1900.00	1.27	79.72	1899.89 -7.88 9.97 7.80 0.22 12.66 38.06
2000.00	1.35	94.61	1999.87 -10.15 10.07 10.07 0.35 14.24 45.01
2100.00	1.44	112.12	2099.84 -12.49 9.50 12.41 0.43 15.63 52.57
2200.00	1.68	130.25	2199.80 -14.76 8.08 14.69 0.54 16.77 61.18
2300.00	1.90	136.39	2299.75 -17.00 5.94 16.95 0.30 17.96 70.70
2400.00	1.95	144.88	2399.70 -19.11 3.34 19.08 0.29 19.37 80.07
2500.00	1.82	147.18	2499.64 -20.92 0.61 20.92 0.15 20.93 88.32
2600.00	1.41	151.45	2599.60 -22.35 -1.80 22.37 0.42 22.44 94.61
2700.00	1.22	147.91	2699.58 -23.50 -3.79 23.53 0.21 23.83 99.16
2800.00	1.07	152.56	2799.56 -24.48 -5.52 24.52 0.18 25.14 102.69
2900.00	1.07	151.98	2899.54 -25.33 -7.18 25.39 0.01 26.39 105.78
3000.00	0.98	165.85	2999.52 -25.97 -8.83 26.04 0.26 27.50 108.74
3100.00	0.67	155.95	3099.51 -26.41 -10.20 26.49 0.34 28.38 111.05
3200.00	0.67	172.25	3199.51 -26.71 -11.30 26.80 0.19 29.09 112.87
3300.00	0.43	200.74	3299.50 -26.65 -12.23 26.75 0.35 29.41 114.58
3400.00	0.31	251.08	3399.50 -26.26 -12.68 26.36 0.34 29.25 115.68
3500.00	0.51	346.06	3499.50 -25.90 -12.33 26.00 0.61 28.78 115.38
3600.00	0.59	6.18	3599.49 -25.86 -11.39 25.95 0.21 28.34 113.70
3700.00	0.55	19.32	3699.49 -26.08 -10.43 26.16 0.14 28.16 111.73
3800.00	0.56	20.01	3799.48 -26.41 -9.52 26.49 0.02 28.15 109.77
3900.00	0.64	43.23	3899.48 -26.97 -8.65 27.04 0.25 28.39 107.75
4000.00	0.64	47.80	3999.47 -27.77 -7.87 27.83 0.05 28.92 105.79

Gyro TXT FILE.txt									
4100.00	0.63	48.78	4099.47	-28.60	-7.13	28.66	0.01	29.53	103.98
4200.00	0.72	5.90	4199.46	-29.09	-6.15	29.14	0.50	29.78	101.92
4300.00	0.80	335.17	4299.45	-28.87	-4.89	28.91	0.41	29.32	99.61
4400.00	0.87	335.90	4399.44	-28.28	-3.57	28.31	0.07	28.53	97.19
4500.00	0.85	343.54	4499.43	-27.77	-2.17	27.79	0.12	27.87	94.46
4600.00	0.74	343.69	4599.42	-27.39	-0.84	27.40	0.11	27.41	91.75
4700.00	0.76	345.17	4699.41	-27.05	0.42	27.04	0.03	27.05	89.11
4800.00	0.60	346.52	4799.40	-26.76	1.57	26.75	0.16	26.80	86.64
4900.00	0.66	353.91	4899.40	-26.59	2.66	26.57	0.10	26.70	84.29
5000.00	0.57	11.54	4999.39	-26.64	3.72	26.61	0.21	26.87	82.04
5100.00	0.57	8.34	5099.39	-26.82	4.70	26.78	0.03	27.19	80.04
5200.00	0.65	12.72	5199.38	-27.02	5.75	26.98	0.09	27.58	77.97
5300.00	0.65	12.10	5299.38	-27.27	6.86	27.22	0.01	28.07	75.86
5400.00	0.68	0.15	5399.37	-27.40	8.01	27.34	0.14	28.49	73.68
5500.00	0.58	348.27	5499.36	-27.31	9.09	27.24	0.16	28.72	71.54
5600.00	0.59	339.45	5599.36	-27.04	10.07	26.96	0.09	28.78	69.52
5700.00	0.60	347.71	5699.35	-26.75	11.06	26.67	0.09	28.87	67.48
5800.00	0.60	344.76	5799.35	-26.51	12.07	26.42	0.03	29.04	65.45
5900.00	0.63	342.10	5899.34	-26.21	13.09	26.11	0.05	29.21	63.37
6000.00	0.54	339.31	5999.34	-25.88	14.06	25.78	0.10	29.36	61.38
6100.00	0.64	337.97	6099.33	-25.52	15.02	25.40	0.10	29.51	59.40
6200.00	0.56	344.49	6199.33	-25.19	16.00	25.06	0.11	29.74	57.44
6300.00	0.13	353.66	6299.32	-25.05	16.59	24.92	0.43	29.93	56.35
6400.00	0.17	32.95	6399.32	-25.12	16.83	24.99	0.11	30.13	56.04
6500.00	0.28	359.54	6499.32	-25.20	17.19	25.07	0.16	30.40	55.55
6600.00	0.25	349.57	6599.32	-25.17	17.65	25.03	0.05	30.62	54.81
6700.00	0.34	348.51	6699.32	-25.07	18.14	24.93	0.09	30.83	53.95
6800.00	0.62	329.90	6799.32	-24.75	18.90	24.60	0.32	31.02	52.47
6900.00	0.84	311.77	6899.31	-23.94	19.85	23.79	0.31	30.98	50.16
7000.00	0.91	302.84	6999.30	-22.74	20.76	22.58	0.15	30.68	47.40
7100.00	1.03	301.28	7099.28	-21.32	21.66	21.15	0.13	30.27	44.32
7200.00	1.08	305.49	7199.27	-19.79	22.67	19.62	0.09	29.98	40.87
7300.00	1.22	304.28	7299.25	-18.16	23.82	17.97	0.14	29.84	37.04
7400.00	1.50	310.57	7399.22	-16.30	25.27	16.10	0.32	29.96	32.51
7500.00	1.82	313.15	7499.18	-14.16	27.20	13.95	0.33	30.57	27.15
7600.00	2.05	314.12	7599.12	-11.74	29.53	11.50	0.24	31.70	21.28
7700.00	1.96	316.10	7699.06	-9.29	32.01	9.04	0.12	33.26	15.77
7800.00	1.62	313.87	7799.01	-7.10	34.22	6.83	0.34	34.89	11.29
7900.00	1.46	312.25	7898.97	-5.16	36.05	4.87	0.17	36.38	7.70
8000.00	1.20	315.84	7998.95	-3.50	37.66	3.21	0.27	37.79	4.87
8100.00	1.28	323.97	8098.92	-2.13	39.31	1.82	0.19	39.35	2.65
8160.00	1.21	313.19	8158.91	-1.28	40.28	0.97	0.41	40.30	1.37