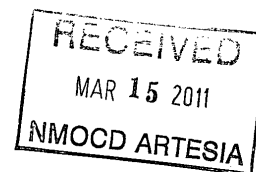


A Gyrodata Directional Survey

for

DEVON ENERGY

Lease: COTTON DRAW Well: UNIT 121 H, 4.5 DRILLPIPE
Location: MCVAY 8, EDDY COUNTY



Job Number: MD1010GBM363

Run Date: 10/11/2010 1:25:58 PM

Surveyor: Che Garcia, Natalio Pena

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.183523 deg. N Longitude: 103.750077 deg. W

Azimuth Correction:

Gyro: -0.31000 deg to Grid North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

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Lease: COTTON DRAW Well: UNIT 121 H, 4.5 DRILLPIPE

Location: MCVAY 8, EDDY COUNTY

Job Number: MD1010GBM363

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.00	0.00	0.0 0.0	0.00 N 0.00 E
0 TO 7648.98 FT RATE GYROSCOPIC MULTI SHOT SURVEY 4.5 DRILLPIPE						
ALL MEASURED DEPTHS AND CHOORDINATES REFERENCED TO MCVAY DRILLING RIG #8 R.K.B 25 FEET						
200.00	0.11	36.83	0.06	200.00	0.2 36.8	0.16 N 0.12 E
400.00	0.13	45.63	0.01	400.00	0.6 40.1	0.48 N 0.40 E
464.44	0.13	44.54	0.00	464.44	0.8 41.1	0.58 N 0.51 E
559.81	0.35	179.47	0.48	559.81	0.7 57.7	0.37 N 0.59 E
655.18	0.49	164.09	0.19	655.18	0.8 113.5	0.31 S 0.70 E
750.55	0.53	126.98	0.34	750.54	1.5 129.5	0.96 S 1.17 E
845.92	0.45	141.25	0.15	845.91	2.3 130.9	1.53 S 1.76 E
941.29	0.25	117.45	0.26	941.28	2.9 131.3	1.91 S 2.18 E
1036.66	0.35	101.88	0.14	1036.65	3.4 128.0	2.07 S 2.65 E
1132.03	0.41	114.76	0.11	1132.01	4.0 125.0	2.28 S 3.26 E
1227.40	0.30	165.90	0.34	1227.38	4.5 126.2	2.66 S 3.63 E
1322.77	0.04	99.47	0.30	1322.75	4.7 128.0	2.90 S 3.72 E
1418.14	0.35	110.23	0.33	1418.12	5.0 126.8	3.01 S 4.02 E
1513.51	0.63	46.57	0.59	1513.49	5.4 120.5	2.75 S 4.68 E
1608.88	0.89	59.06	0.33	1608.85	6.0 109.4	2.01 S 5.69 E
1704.25	0.93	51.64	0.13	1704.21	7.0 99.4	1.15 S 6.94 E
1799.62	0.95	55.68	0.07	1799.56	8.2 91.5	0.22 S 8.20 E
1894.99	1.07	70.61	0.30	1894.92	9.7 86.9	0.52 N 9.69 E
1990.36	1.03	64.26	0.13	1990.27	11.4 84.0	1.19 N 11.30 E

A Gyrodata Directional Survey

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Lease: COTTON DRAW

Well: UNIT 121 H, 4.5 DRILLPIPE

Location: MCVAY 8, EDDY COUNTY

Job Number: MD1010GBM363

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2085.73	1.09	68.06	0.10	2085.63	13.0 81.6	1.89 N 12.91 E
2181.10	1.02	90.44	0.43	2180.98	14.8 81.3	2.23 N 14.60 E
2276.47	1.00	60.63	0.55	2276.34	16.4 80.8	2.63 N 16.18 E
2371.84	1.01	108.66	0.86	2371.70	17.9 81.1	2.76 N 17.70 E
2467.21	0.80	61.72	0.79	2467.05	19.3 81.6	2.81 N 19.09 E
2562.58	0.64	62.62	0.17	2562.42	20.4 80.5	3.37 N 20.15 E
2657.95	0.27	89.75	0.44	2657.78	21.2 80.2	3.62 N 20.85 E
2753.32	0.37	134.40	0.27	2753.15	21.6 80.9	3.41 N 21.30 E
2848.69	0.14	92.21	0.29	2848.52	21.9 81.6	3.19 N 21.64 E
2944.06	0.27	191.15	0.34	2943.89	21.9 82.2	2.96 N 21.71 E
3039.43	0.55	194.28	0.29	3039.26	21.7 83.9	2.30 N 21.56 E
3134.80	0.72	198.66	0.19	3134.62	21.3 86.5	1.29 N 21.26 E
3230.17	0.79	197.39	0.08	3229.98	20.9 89.7	0.10 N 20.87 E
3325.54	0.87	205.29	0.14	3325.34	20.4 93.3	1.18 S 20.36 E
3420.91	0.67	191.85	0.28	3420.71	20.1 96.8	2.37 S 19.94 E
3516.28	0.67	191.95	0.00	3516.07	20.0 99.9	3.46 S 19.71 E
3611.65	0.67	156.30	0.43	3611.43	20.3 102.8	4.51 S 19.82 E
3802.39	0.67	69.52	0.48	3802.16	21.9 103.6	5.15 S 21.31 E
3897.76	0.66	66.00	0.04	3897.53	22.8 102.0	4.74 S 22.34 E
3993.13	0.77	41.50	0.34	3992.89	23.6 99.8	4.03 S 23.26 E
4088.50	1.90	123.25	2.04	4088.24	25.4 100.0	4.41 S 25.01 E
4183.87	2.10	107.11	0.63	4183.55	28.6 101.7	5.79 S 28.00 E
4279.24	2.55	127.01	0.96	4278.84	32.3 103.6	7.59 S 31.37 E

A Gyrodata Directional Survey

DEVON

Lease: COTTON DRAW

Well: UNIT 121 H, 4.5 DRILLPIPE

Location: MCVAY 8, EDDY COUNTY

Job Number: MD1010GBM363

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4374.61	3.13	135.37	0.75	4374.10	36.5 107.1	10.72 S 34.89 E
4469.98	3.76	129.30	0.76	4469.30	41.8 110.4	14.55 S 39.14 E
4565.35	4.14	134.18	0.54	4564.44	47.9 113.3	18.93 S 44.03 E
4660.72	3.74	136.42	0.46	4659.58	54.1 115.9	23.58 S 48.64 E
4756.09	2.95	132.40	0.86	4754.79	59.3 117.6	27.49 S 52.59 E
4851.46	2.11	132.89	0.88	4850.07	63.4 118.6	30.33 S 55.69 E
4946.83	1.84	124.84	0.40	4945.38	66.6 119.1	32.40 S 58.23 E
5042.20	1.95	133.00	0.30	5040.70	69.7 119.5	34.39 S 60.68 E
5137.57	1.76	144.70	0.44	5136.02	72.7 120.3	36.69 S 62.71 E
5232.94	1.54	153.51	0.35	5231.35	75.1 121.3	39.03 S 64.13 E
5328.31	1.61	176.68	0.67	5326.68	76.9 122.7	41.51 S 64.78 E
5519.05	0.53	191.51	0.58	5517.39	78.9 124.8	45.04 S 64.76 E
5614.42	1.06	181.79	0.57	5612.75	79.5 125.6	46.35 S 64.65 E
5709.79	0.61	81.25	1.38	5708.11	80.4 125.9	47.15 S 65.12 E
5805.16	0.50	37.71	0.45	5803.48	80.8 125.4	46.74 S 65.88 E
5900.53	0.61	75.64	0.39	5898.84	81.1 124.8	46.29 S 66.63 E
5995.90	0.61	196.47	1.11	5994.21	81.6 124.9	46.65 S 66.98 E
6091.27	0.35	168.84	0.35	6089.58	82.0 125.3	47.42 S 66.89 E
6186.64	0.63	153.33	0.33	6184.94	82.7 125.6	48.17 S 67.18 E
6282.01	0.57	173.57	0.23	6280.31	83.5 126.1	49.12 S 67.47 E
6377.38	0.76	167.14	0.21	6375.67	84.3 126.6	50.21 S 67.67 E
6472.75	0.76	170.82	0.05	6471.03	85.2 127.2	51.46 S 67.91 E
6568.12	1.12	154.65	0.46	6566.39	86.5 127.7	52.93 S 68.41 E

A Gyrodata Directional Survey

DEVON

Lease: COTTON DRAW Well: UNIT 121 H, 4.5 DRILLPIPE

Location: MCVAY 8, EDDY COUNTY

Job Number: MD1010GBM363

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
6663.49	0.95	115.86	0.74	6661.75	88.1 127.9	54.12 S 69.52 E
6758.86	1.15	146.40	0.62	6757.10	89.8 128.0	55.26 S 70.76 E
6854.23	1.30	186.00	0.89	6852.45	91.3 128.8	57.14 S 71.18 E
6949.60	0.88	185.07	0.44	6947.80	92.3 129.7	58.95 S 71.00 E
7044.97	0.97	205.16	0.35	7043.16	92.9 130.6	60.42 S 70.59 E
7140.34	1.46	196.56	0.55	7138.51	93.6 131.7	62.31 S 69.90 E
7235.71	1.38	186.36	0.28	7233.85	94.8 132.9	64.62 S 69.43 E
7331.08	1.48	192.57	0.19	7329.19	96.2 134.1	66.95 S 69.03 E
7426.45	1.38	186.29	0.19	7424.53	97.5 135.3	69.29 S 68.64 E
7521.82	1.33	177.34	0.23	7519.87	99.1 136.2	71.54 S 68.57 E
7617.19	1.63	173.74	0.32	7615.21	101.0 137.1	74.00 S 68.76 E
7648.98	1.53	167.88	0.59	7646.99	101.7 137.4	74.86 S 68.90 E

Final Station Closure: Distance: 101.74 ft Az: 137.37 deg.

$$PDD = 179.65$$