

A Gyrodata Directional Survey

for

PLATINUM EXPLORATION

Lease: T. D. Pope Well: No. 6, 2-7/8" Drillpipe
Location: Key # 36, Lea County, New Mexico

Job Number: MD0205GW122

Run Date: 16 Feb 2005

Surveyor: Junior Pena; James King

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 33.073611 deg. N Longitude: 103.168056 deg. W

Azimuth Correction:

Gyro: -0.64000 deg West to Grid North

Proposed Well Direction: 148.000 deg

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location



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MEASURED DEPTH feet	I N C L deg.	A Z I M U T H deg.	V E R T I C A L SECTION feet	D O G L E G SEVERITY deg./ 100 ft.	V E R T I C A L DEPTH feet	C L O S U R E D I S T. A Z I M U T H feet deg.	H O R I Z O N T A L C O O R D I N A T E S feet
0.00	0.00	0.00	0.0	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0 - 12283 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 2-7/8" DRILLPIPE ALL MEASURED DEPTHS REFERENCED TO KEY RIG # 36 R.K.B. (12FT.)							

200.00	0.35	181.68	0.5	0.18	200.00	0.6 181.7	0.61 S 0.02 W
400.00	0.61	222.50	1.3	0.21	399.99	2.1 200.5	2.00 S 0.75 W
600.00	0.60	189.35	2.4	0.17	599.98	4.1 203.2	3.81 S 1.63 W
800.00	0.54	219.58	3.5	0.15	799.97	6.1 203.4	5.57 S 2.40 W
1000.00	0.09	330.12	3.6	0.29	999.97	6.9 206.6	6.16 S 3.08 W
1200.00	0.28	180.70	3.9	0.18	1199.97	7.2 205.9	6.52 S 3.17 W
1400.00	0.09	55.26	4.3	0.17	1399.97	7.6 203.7	6.92 S 3.04 W
1600.00	0.28	89.97	4.5	0.10	1599.97	7.2 199.5	6.83 S 2.42 W
1800.00	0.26	168.68	5.2	0.17	1799.97	7.5 194.3	7.27 S 1.85 W
2000.00	0.80	125.33	6.9	0.32	1999.96	8.5 184.2	8.53 S 0.62 W
2200.00	0.61	113.29	9.1	0.12	2199.94	9.9 171.3	9.75 S 1.50 E
2400.00	0.75	124.81	11.1	0.10	2399.93	11.5 162.0	10.92 S 3.55 E
2600.00	0.78	130.72	13.6	0.04	2599.91	13.8 155.8	12.55 S 5.65 E
2800.00	0.77	162.53	16.2	0.21	2799.89	16.3 154.3	14.71 S 7.08 E
3000.00	0.29	211.47	17.8	0.31	2999.88	17.9 156.3	16.42 S 7.22 E
3200.00	0.25	4.71	17.6	0.26	3199.88	17.8 156.9	16.42 S 6.99 E
3400.00	0.37	64.84	17.4	0.16	3399.88	17.5 154.2	15.71 S 7.61 E
3600.00	1.01	28.49	16.6	0.37	3599.87	16.6 146.9	13.88 S 9.04 E
3800.00	1.23	16.05	14.3	0.16	3799.83	14.7 134.4	10.26 S 10.48 E
4000.00	1.42	11.09	11.0	0.11	3999.77	12.9 116.5	5.77 S 11.55 E

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4200.00	0.56	358.43	8.3	0.44	4199.74	12.2 101.1	2.35 S 12.00 E
4400.00	0.58	320.20	6.7	0.03	4399.73	12.0 91.7	0.35 S 12.03 E
4600.00	0.45	338.91	5.1	0.13	4599.72	11.9 83.2	1.40 N 11.80 E
4800.00	0.33	124.54	4.8	0.38	4799.72	12.1 81.4	1.81 N 12.00 E
5000.00	0.31	157.08	5.9	0.09	4999.72	12.7 85.6	0.98 N 12.69 E
5200.00	0.40	130.93	7.1	0.09	5199.72	13.4 89.9	0.03 N 13.43 E
5400.00	0.42	320.39	7.0	0.40	5399.71	13.5 89.4	0.13 N 13.49 E
5600.00	0.40	336.31	5.6	0.06	5599.71	12.8 84.1	1.33 N 12.75 E
5800.00	0.27	353.66	4.5	0.08	5799.71	12.7 78.9	2.43 N 12.42 E
6000.00	0.62	24.82	3.5	0.21	5999.70	13.4 73.1	3.89 N 12.82 E
6200.00	0.69	24.21	2.2	0.04	6199.69	15.0 66.5	5.98 N 13.77 E
6400.00	0.57	15.73	0.9	0.08	6399.67	16.6 61.1	8.03 N 14.53 E
6600.00	0.36	2.06	-0.3	0.12	6599.67	17.7 57.0	9.62 N 14.83 E
6800.00	0.30	67.81	-0.7	0.18	6799.66	18.6 55.7	10.45 N 15.34 E
7000.00	0.12	44.18	-0.7	0.10	6999.66	19.3 55.9	10.80 N 15.98 E
7200.00	0.13	359.27	-0.9	0.05	7199.66	19.6 55.2	11.19 N 16.12 E
7400.00	0.56	351.32	-2.0	0.21	7399.66	20.2 52.2	12.38 N 15.97 E
7600.00	0.37	24.25	-3.3	0.16	7599.65	21.3 49.1	13.95 N 16.09 E
7800.00	0.36	314.12	-4.3	0.21	7799.65	21.8 46.7	14.98 N 15.91 E
8000.00	0.94	339.26	-6.5	0.32	7999.64	22.6 41.2	16.96 N 14.87 E
8200.00	1.23	350.13	-10.1	0.18	8199.60	24.9 34.0	20.61 N 13.92 E
8400.00	0.98	356.88	-13.6	0.14	8399.56	27.9 28.9	24.42 N 13.46 E
8600.00	0.84	343.90	-16.5	0.12	8599.54	30.4 25.2	27.54 N 12.96 E
8800.00	1.18	334.51	-19.9	0.19	8799.51	32.9 20.7	30.81 N 11.66 E

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9000.00	1.20	337.23	-24.1	0.03	8999.46	36.0 16.1	34.60 N 9.97 E
9200.00	0.82	352.11	-27.4	0.23	9199.43	39.0 13.3	37.96 N 8.96 E
9400.00	1.31	349.66	-30.9	0.24	9399.40	42.5 11.3	41.64 N 8.35 E
9600.00	1.30	355.20	-35.0	0.06	9599.34	46.8 9.5	46.15 N 7.75 E
9800.00	1.56	305.61	-39.6	0.61	9799.29	50.3 6.1	49.99 N 5.34 E
10000.00	1.51	307.82	-44.6	0.04	9999.22	53.2 1.1	53.20 N 1.04 E
10200.00	0.61	252.32	-47.3	0.63	10199.19	54.5 357.8	54.49 N 2.07 W
10400.00	0.52	286.47	-48.3	0.17	10399.18	54.6 355.8	54.42 N 3.96 W
10600.00	0.68	169.49	-47.8	0.51	10599.17	53.7 355.1	53.52 N 4.62 W
10800.00	0.87	203.95	-45.9	0.25	10799.15	51.2 354.4	50.96 N 5.02 W
11000.00	0.46	49.20	-45.1	0.65	10999.15	50.4 354.3	50.10 N 5.03 W
11200.00	2.33	38.99	-46.6	0.94	11199.08	53.8 358.0	53.79 N 1.85 W
11400.00	2.44	42.32	-49.1	0.09	11398.90	60.2 3.4	60.11 N 3.58 E
11600.00	2.18	45.10	-51.1	0.14	11598.74	66.6 7.9	65.94 N 9.14 E
11800.00	1.38	52.63	-52.1	0.41	11798.64	71.4 11.1	70.09 N 13.75 E
12000.00	1.95	109.60	-49.7	0.83	11998.57	72.9 15.0	70.41 N 18.88 E
12200.00	1.50	129.02	-44.6	0.37	12198.48	71.8 19.6	67.62 N 24.13 E
12283.00	1.23	120.97	-42.7	0.40	12281.46	71.3 21.2	66.48 N 25.74 E

Final Station Closure: Distance: 71.29 ft Az: 21.17 deg.