

A Gyrodata Directional Survey

Field Copy Only, not definitive

for

PLATINUM EXPLORATION

Location: POOL #441, LEA COUNTY, NEW MEXICO
Lease: DYNASTY POPE Well: #36 - 6, 2-7/8" DRILLPIPE

Job Number: MD0605GW166

Run Date: 6/5/2005 3:31:37 AM

Surveyor: MATT SHIPP

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 33.066100 deg. N Longitude: 103.161220 deg. W

Azimuth Correction:

Gyro: -0.64000 deg West to Grid North

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	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.0	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0 - 12369 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 2-7/8" DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO POOL #441 R.K.B.							
ORIGINAL R.K.B. MEASURES 27.5 FEET ABOVE GROUND LEVEL.							

200.00	0.39	312.12	0.5	0.19	200.00	0.7 312.1	0.45 N 0.50 W
400.00	0.16	311.65	1.1	0.12	400.00	1.6 312.0	1.08 N 1.20 W
600.00	0.03	251.30	1.3	0.07	600.00	1.9 310.5	1.25 N 1.46 W
800.00	0.05	226.01	1.2	0.01	800.00	2.0 306.8	1.17 N 1.57 W
1000.00	0.16	240.59	1.0	0.06	1000.00	2.1 297.7	0.98 N 1.86 W
1200.00	0.16	234.88	0.7	0.01	1199.99	2.4 286.3	0.68 N 2.34 W
1400.00	0.22	234.77	0.3	0.03	1399.99	2.9 275.9	0.30 N 2.88 W
1600.00	0.20	227.76	-0.1	0.02	1599.99	3.5 267.4	0.15 S 3.45 W
1800.00	0.09	278.19	-0.4	0.08	1799.99	3.9 264.6	0.37 S 3.86 W
2000.00	0.03	87.13	-0.3	0.06	1999.99	4.0 265.1	0.34 S 3.97 W
2200.00	0.06	162.05	-0.4	0.03	2199.99	3.9 263.7	0.43 S 3.90 W
2400.00	0.16	62.02	-0.4	0.09	2399.99	3.6 263.8	0.39 S 3.62 W
2600.00	0.38	59.22	0.1	0.11	2599.99	2.8 271.6	0.08 N 2.80 W
2800.00	0.75	45.07	1.3	0.19	2799.98	1.9 315.4	1.33 N 1.32 W
3000.00	0.71	48.31	3.1	0.03	2999.96	3.1 9.7	3.07 N 0.53 E
3200.00	0.78	46.11	4.8	0.04	3199.95	5.4 26.7	4.84 N 2.43 E
3400.00	0.97	45.64	7.0	0.09	3399.92	8.4 33.6	6.96 N 4.62 E
3600.00	1.26	63.11	9.1	0.22	3599.89	12.0 40.4	9.14 N 7.79 E
3800.00	1.33	68.99	11.0	0.07	3799.83	16.2 47.4	10.97 N 11.92 E

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4000.00	0.85	67.66	12.4	0.24	3999.80	19.8 51.3	12.36 N 15.46 E
4200.00	0.30	79.74	13.0	0.28	4199.79	21.7 53.1	13.02 N 17.35 E
4400.00	0.20	112.72	13.0	0.09	4399.78	22.3 54.5	12.98 N 18.19 E
4600.00	0.16	173.99	12.6	0.09	4599.78	22.4 55.9	12.56 N 18.55 E
4800.00	0.11	214.52	12.1	0.05	4799.78	22.1 56.7	12.13 N 18.47 E
5000.00	0.17	215.96	11.7	0.03	4999.78	21.6 57.2	11.74 N 18.19 E
5200.00	0.14	216.02	11.3	0.02	5199.78	21.1 57.7	11.30 N 17.87 E
5400.00	0.24	234.92	10.9	0.06	5399.78	20.5 58.0	10.86 N 17.39 E
5600.00	0.40	240.14	10.3	0.08	5599.78	19.4 58.0	10.28 N 16.45 E
5800.00	0.51	269.40	9.9	0.13	5799.77	17.9 56.4	9.92 N 14.95 E
6000.00	0.54	281.77	10.1	0.06	5999.76	16.6 52.5	10.10 N 13.14 E
6200.00	0.48	291.78	10.6	0.05	6199.76	15.6 47.2	10.61 N 11.44 E
6400.00	0.36	288.36	11.1	0.06	6399.75	15.0 42.2	11.12 N 10.06 E
6600.00	0.64	299.67	11.9	0.15	6599.74	14.6 35.6	11.87 N 8.50 E
6800.00	0.80	286.82	12.8	0.11	6799.73	14.2 25.8	12.83 N 6.19 E
7000.00	0.80	287.60	13.7	0.01	6999.71	14.1 14.5	13.65 N 3.54 E
7200.00	0.61	289.39	14.4	0.09	7199.69	14.5 4.8	14.42 N 1.21 E
7400.00	0.48	271.81	14.8	0.11	7399.68	14.8 357.5	14.81 N 0.65 W
7600.00	0.66	282.57	15.1	0.10	7599.67	15.3 350.1	15.09 N 2.62 W
7800.00	0.64	276.26	15.5	0.04	7799.66	16.2 342.5	15.46 N 4.86 W
8000.00	0.82	270.47	15.6	0.10	7999.64	17.3 334.6	15.59 N 7.42 W
8200.00	0.40	287.90	15.8	0.23	8199.63	18.5 329.0	15.82 N 9.51 W
8400.00	0.46	276.69	16.1	0.05	8399.63	19.5 325.8	16.12 N 10.96 W
8600.00	0.45	271.73	16.2	0.02	8599.62	20.5 322.3	16.24 N 12.55 W
8800.00	0.39	288.44	16.5	0.07	8799.61	21.6 319.7	16.48 N 13.98 W

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9000.00	0.33	336.45	17.2	0.15	8999.61	22.7 319.2	17.21 N 14.84 W
9200.00	0.38	342.25	18.4	0.03	9199.61	23.9 320.3	18.37 N 15.27 W
9400.00	0.24	318.89	19.3	0.09	9399.60	24.9 320.8	19.31 N 15.75 W
9600.00	0.14	280.42	19.7	0.08	9599.60	25.5 320.4	19.67 N 16.27 W
9800.00	0.06	224.62	19.6	0.06	9799.60	25.7 319.8	19.64 N 16.58 W
10000.00	0.08	263.91	19.6	0.03	9999.60	25.8 319.3	19.55 N 16.79 W
10200.00	0.03	11.82	19.6	0.05	10199.60	25.9 319.2	19.59 N 16.92 W
10400.00	0.13	14.00	19.9	0.05	10399.60	26.1 319.7	19.86 N 16.86 W
10600.00	0.21	340.94	20.4	0.06	10599.60	26.5 320.4	20.43 N 16.92 W
10800.00	0.32	20.85	21.3	0.10	10799.60	27.1 321.6	21.29 N 16.84 W
11000.00	0.49	40.58	22.4	0.11	10999.60	27.6 324.4	22.45 N 16.09 W
11200.00	0.35	68.45	23.3	0.12	11199.59	27.7 327.3	23.33 N 14.96 W
11400.00	0.68	64.70	24.1	0.16	11399.58	27.5 331.0	24.06 N 13.32 W
11600.00	0.71	56.54	25.3	0.05	11599.57	27.6 336.1	25.25 N 11.22 W
11800.00	0.35	17.17	26.5	0.25	11799.56	28.3 339.3	26.52 N 10.00 W
12000.00	0.25	338.02	27.5	0.11	11999.56	29.3 340.0	27.50 N 9.98 W
12200.00	0.95	73.43	28.4	0.50	12199.55	29.6 343.2	28.38 N 8.56 W
12369.00	1.26	54.80	29.9	0.28	12368.52	30.4 349.2	29.85 N 5.70 W

Final Station Closure: Distance: 30.39 ft Az: 349.18 deg.