

Scientific Drilling

PLATINUM EXPLORATION INC.

Field: Denton
Site: Lea County, NM
Well: TD Pope 35 #2H
Wellpath: VH - Job #32K0505362
Survey: 05/19/05

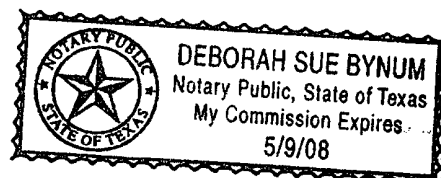


This survey is correct to the best of my knowledge
and is supported by actual field data.

David Nady Company Representative

Notorized this date 30th of June, 2005.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: PLATINUM EXPLORATION INC.
Field: Denton
Site: Lea County, NM
Well: TD Pope 35 #2H
Wellpath: VH - Job #32K0505362

Date: 6/30/2005 Time: 21:06:27 Page: 1
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,288.39Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 05/19/05
KSRG 0'-12260'

Start Date: 5/19/2005

Company: Scientific Drilling Internatio
Tool: Keeper;Keeper Gyro

Engineer: Foster w/Weatherford
Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.15	280.83	100.00	0.13	0.02	-0.13	0.15	0.13	280.83
200.00	0.43	189.38	200.00	0.20	-0.32	-0.32	0.46	0.45	224.75
300.00	0.49	161.97	300.00	-0.11	-1.10	-0.25	0.23	1.13	192.68
400.00	0.43	118.86	399.99	-0.73	-1.69	0.21	0.34	1.70	172.77
500.00	0.51	148.18	499.99	-1.45	-2.24	0.78	0.25	2.38	160.90
600.00	0.55	137.12	599.99	-2.21	-2.97	1.34	0.11	3.26	155.78
700.00	0.38	187.70	699.98	-2.69	-3.66	1.62	0.43	4.00	156.09
800.00	0.18	180.14	799.98	-2.80	-4.14	1.58	0.20	4.43	159.17
900.00	0.25	191.90	899.98	-2.88	-4.51	1.53	0.08	4.76	161.26
1000.00	0.33	181.11	999.98	-2.99	-5.01	1.48	0.10	5.23	163.55
1100.00	0.07	228.86	1099.98	-3.04	-5.34	1.43	0.29	5.53	165.03
1200.00	0.29	252.97	1199.98	-2.80	-5.46	1.14	0.23	5.57	168.19
1300.00	0.05	240.47	1299.98	-2.57	-5.55	0.86	0.24	5.62	171.19
1400.00	0.23	289.91	1399.98	-2.34	-5.50	0.63	0.20	5.54	173.43
1500.00	0.20	286.34	1499.98	-1.96	-5.39	0.28	0.03	5.39	177.05
1600.00	0.15	298.94	1599.98	-1.66	-5.27	0.00	0.06	5.27	180.05
1700.00	0.21	293.49	1699.98	-1.35	-5.14	-0.29	0.06	5.15	183.20
1800.00	0.58	253.62	1799.97	-0.75	-5.21	-0.94	0.44	5.29	190.24
1900.00	0.69	232.22	1899.97	0.00	-5.72	-1.90	0.26	6.03	198.40
2000.00	0.53	237.88	1999.96	0.63	-6.33	-2.77	0.17	6.91	203.62
2100.00	1.01	229.91	2099.95	1.39	-7.15	-3.84	0.49	8.11	208.22
2200.00	1.02	222.03	2199.94	2.20	-8.38	-5.11	0.14	9.81	211.37
2300.00	0.98	244.80	2299.92	3.18	-9.40	-6.48	0.40	11.42	214.56
2400.00	0.78	271.74	2399.91	4.45	-9.74	-7.93	0.45	12.56	219.14
2500.00	0.83	262.36	2499.90	5.75	-9.82	-9.33	0.14	13.54	223.53
2600.00	0.63	252.18	2599.89	6.85	-10.08	-10.57	0.24	14.61	226.34
2700.00	0.66	273.76	2699.89	7.85	-10.22	-11.67	0.24	15.51	228.80
2800.00	0.61	260.15	2799.88	8.88	-10.27	-12.77	0.16	16.38	231.19
2900.00	0.40	254.05	2899.88	9.63	-10.46	-13.63	0.22	17.18	232.50
3000.00	0.36	256.79	2999.87	10.19	-10.62	-14.27	0.04	17.79	233.33
3100.00	0.60	258.52	3099.87	10.91	-10.80	-15.09	0.24	18.55	234.41
3200.00	0.26	226.42	3199.87	11.47	-11.06	-15.76	0.40	19.26	234.95
3300.00	0.13	0.94	3299.87	11.61	-11.10	-15.93	0.36	19.42	235.12
3400.00	0.25	21.89	3399.87	11.63	-10.79	-15.84	0.14	19.17	235.75
3500.00	0.36	342.16	3499.87	11.80	-10.29	-15.86	0.23	18.90	237.03
3600.00	0.39	333.44	3599.86	12.23	-9.68	-16.11	0.06	18.79	238.99
3700.00	0.41	346.77	3699.86	12.66	-9.03	-16.34	0.09	18.67	241.08
3800.00	0.44	347.12	3799.86	13.05	-8.31	-16.51	0.03	18.48	243.29
3900.00	0.27	4.50	3899.86	13.30	-7.70	-16.58	0.20	18.28	245.09
4000.00	0.48	356.51	3999.85	13.51	-7.04	-16.58	0.22	18.02	246.98
4100.00	0.48	344.68	4099.85	13.90	-6.22	-16.72	0.10	17.84	249.59
4200.00	0.32	322.59	4199.85	14.37	-5.60	-17.00	0.22	17.90	251.78
4300.00	0.42	346.25	4299.85	14.79	-5.02	-17.26	0.18	17.97	253.78
4400.00	0.42	318.92	4399.84	15.30	-4.39	-17.58	0.20	18.12	255.99
4500.00	0.37	351.28	4499.84	15.77	-3.79	-17.87	0.23	18.27	258.02
4600.00	0.29	359.38	4599.84	15.99	-3.22	-17.93	0.09	18.21	259.82
4700.00	0.27	54.64	4699.84	15.94	-2.83	-17.74	0.26	17.96	260.94
4800.00	0.20	62.01	4799.84	15.68	-2.61	-17.39	0.08	17.58	261.46



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Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,288.39Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.28	43.13	4899.84	15.46	-2.35	-17.07	0.11	17.23	262.16
5000.00	0.26	17.12	4999.84	15.36	-1.96	-16.83	0.12	16.95	263.37
5100.00	0.19	53.69	5099.83	15.27	-1.64	-16.63	0.16	16.72	264.37
5200.00	0.10	316.14	5199.83	15.25	-1.48	-16.56	0.23	16.63	264.89
5300.00	0.20	2.74	5299.83	15.37	-1.24	-16.61	0.15	16.66	265.72
5400.00	0.09	97.00	5399.83	15.34	-1.08	-16.53	0.23	16.56	266.27
5500.00	0.14	327.12	5499.83	15.36	-0.98	-16.52	0.21	16.54	266.59
5600.00	0.17	28.66	5599.83	15.43	-0.75	-16.51	0.16	16.53	267.39
5700.00	0.09	88.48	5699.83	15.33	-0.62	-16.36	0.15	16.37	267.83
5800.00	0.09	277.00	5799.83	15.33	-0.61	-16.36	0.18	16.37	267.87
5900.00	0.06	321.22	5899.83	15.45	-0.56	-16.47	0.06	16.48	268.06
6000.00	0.23	166.27	5999.83	15.39	-0.71	-16.46	0.29	16.47	267.52
6100.00	0.15	231.52	6099.83	15.36	-0.99	-16.51	0.22	16.54	266.58
6200.00	0.13	117.97	6199.83	15.32	-1.12	-16.51	0.23	16.55	266.11
6300.00	0.20	181.17	6299.83	15.15	-1.35	-16.42	0.18	16.47	265.30
6400.00	0.18	229.64	6399.83	15.18	-1.63	-16.54	0.16	16.62	264.38
6500.00	0.16	234.96	6499.83	15.35	-1.81	-16.77	0.03	16.87	263.85
6600.00	0.12	259.15	6599.83	15.52	-1.91	-16.99	0.07	17.10	263.59
6700.00	0.09	285.81	6699.83	15.69	-1.91	-17.17	0.06	17.28	263.66
6800.00	0.11	250.42	6799.83	15.85	-1.92	-17.34	0.06	17.44	263.69
6900.00	0.19	217.33	6899.83	15.98	-2.08	-17.53	0.11	17.65	263.23
7000.00	0.43	253.55	6999.83	16.34	-2.32	-17.99	0.30	18.14	262.65
7100.00	0.46	257.47	7099.83	16.99	-2.51	-18.74	0.04	18.91	262.36
7200.00	0.43	276.05	7199.82	17.70	-2.56	-19.50	0.15	19.67	262.52
7300.00	0.26	258.28	7299.82	18.26	-2.57	-20.10	0.20	20.26	262.72
7400.00	0.35	248.23	7399.82	18.69	-2.73	-20.61	0.10	20.78	262.46
7500.00	0.54	258.37	7499.82	19.33	-2.93	-21.35	0.20	21.55	262.17
7600.00	0.51	272.92	7599.81	20.17	-3.01	-22.26	0.14	22.46	262.31
7700.00	0.37	267.95	7699.81	20.90	-3.00	-23.02	0.14	23.22	262.59
7800.00	0.46	247.37	7799.81	21.51	-3.16	-23.72	0.17	23.93	262.41
7900.00	0.65	263.90	7899.80	22.33	-3.38	-24.65	0.25	24.88	262.20
8000.00	0.40	279.35	7999.80	23.19	-3.38	-25.56	0.29	25.78	262.47
8100.00	0.55	256.91	8099.79	23.94	-3.43	-26.37	0.24	26.59	262.58
8200.00	0.61	275.01	8199.79	24.87	-3.49	-27.37	0.19	27.59	262.72
8300.00	0.64	278.81	8299.78	25.94	-3.36	-28.45	0.05	28.65	263.26
8400.00	0.62	273.27	8399.78	27.01	-3.25	-29.54	0.06	29.72	263.73
8500.00	0.82	263.04	8499.77	28.18	-3.30	-30.79	0.24	30.97	263.88
8600.00	0.88	274.01	8599.76	29.57	-3.33	-32.27	0.17	32.44	264.10
8700.00	0.60	268.78	8699.75	30.81	-3.29	-33.56	0.29	33.72	264.40
8800.00	0.60	263.78	8799.74	31.78	-3.36	-34.60	0.05	34.77	264.45
8900.00	0.83	263.66	8899.74	32.91	-3.50	-35.84	0.23	36.01	264.43
9000.00	0.77	264.03	8999.73	34.18	-3.65	-37.23	0.06	37.41	264.41
9100.00	0.77	268.02	9099.72	35.42	-3.74	-38.57	0.05	38.75	264.46
9200.00	0.70	275.04	9199.71	36.65	-3.71	-39.85	0.11	40.02	264.68
9300.00	0.75	272.85	9299.70	37.87	-3.62	-41.11	0.06	41.27	264.96
9400.00	0.64	279.60	9399.69	39.05	-3.50	-42.32	0.14	42.46	265.28
9500.00	0.49	269.60	9499.69	40.01	-3.41	-43.30	0.18	43.43	265.50
9600.00	0.62	247.87	9599.68	40.83	-3.61	-44.23	0.25	44.37	265.33
9700.00	0.76	256.92	9699.68	41.80	-3.97	-45.37	0.18	45.55	265.00
9800.00	0.65	258.84	9799.67	42.86	-4.23	-46.58	0.11	46.77	264.81
9900.00	0.62	225.64	9899.66	43.60	-4.72	-47.52	0.36	47.75	264.33
10000.00	0.82	223.52	9999.66	44.16	-5.61	-48.40	0.20	48.72	263.38



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Field: Denton
Site: Lea County, NM
Well: TD Pope 35 #2H
Wellpath: VH - Job #32K0505362

Date: 6/30/2005 **Time:** 21:06:27 **Page:** 3
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,288.39Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

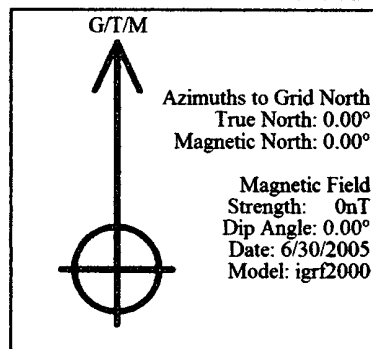
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
10100.00	1.05	218.50	10099.64	44.77	-6.85	-49.46	0.24	49.93	262.12
10200.00	1.45	207.35	10199.62	45.29	-8.69	-50.61	0.47	51.35	260.26
10300.00	1.57	210.57	10299.58	45.77	-10.99	-51.89	0.15	53.04	258.04
10400.00	1.33	203.75	10399.55	46.17	-13.24	-53.06	0.30	54.68	255.99
10500.00	1.47	198.04	10499.52	46.27	-15.52	-53.92	0.20	56.11	253.95
10600.00	1.48	213.44	10599.49	46.60	-17.81	-55.03	0.40	57.84	252.06
10700.00	1.31	219.58	10699.46	47.35	-19.77	-56.47	0.23	59.83	250.70
10800.00	0.95	215.26	10799.44	48.00	-21.33	-57.68	0.37	61.49	249.70
10900.00	0.94	208.83	10899.43	48.39	-22.73	-58.55	0.11	62.81	248.79
11000.00	0.81	209.80	10999.42	48.68	-24.06	-59.30	0.13	63.99	247.92
11100.00	0.84	223.70	11099.41	49.13	-25.20	-60.15	0.20	65.22	247.27
11200.00	1.09	251.00	11199.39	50.20	-26.04	-61.56	0.52	66.84	247.07
11300.00	1.37	258.11	11299.37	51.99	-26.60	-63.63	0.32	68.96	247.31
11400.00	1.38	266.21	11399.34	54.14	-26.92	-66.00	0.19	71.28	247.81
11500.00	1.47	270.81	11499.31	56.47	-26.98	-68.48	0.15	73.61	248.49
11600.00	1.49	272.09	11599.28	58.94	-26.92	-71.07	0.04	75.99	249.25
11700.00	1.58	273.55	11699.24	61.53	-26.79	-73.74	0.10	78.46	250.04
11800.00	1.75	276.54	11799.20	64.35	-26.53	-76.63	0.19	81.10	250.91
11900.00	1.69	281.53	11899.15	67.31	-26.06	-79.60	0.16	83.75	251.87
12000.00	1.63	287.40	11999.11	70.20	-25.34	-82.40	0.18	86.21	252.91
12100.00	1.51	297.11	12099.07	72.92	-24.31	-84.93	0.29	88.34	254.03
12200.00	1.34	290.23	12199.04	75.39	-23.31	-87.20	0.24	90.26	255.03
12260.00	1.67	279.68	12259.02	76.96	-22.92	-88.72	0.72	91.63	255.52

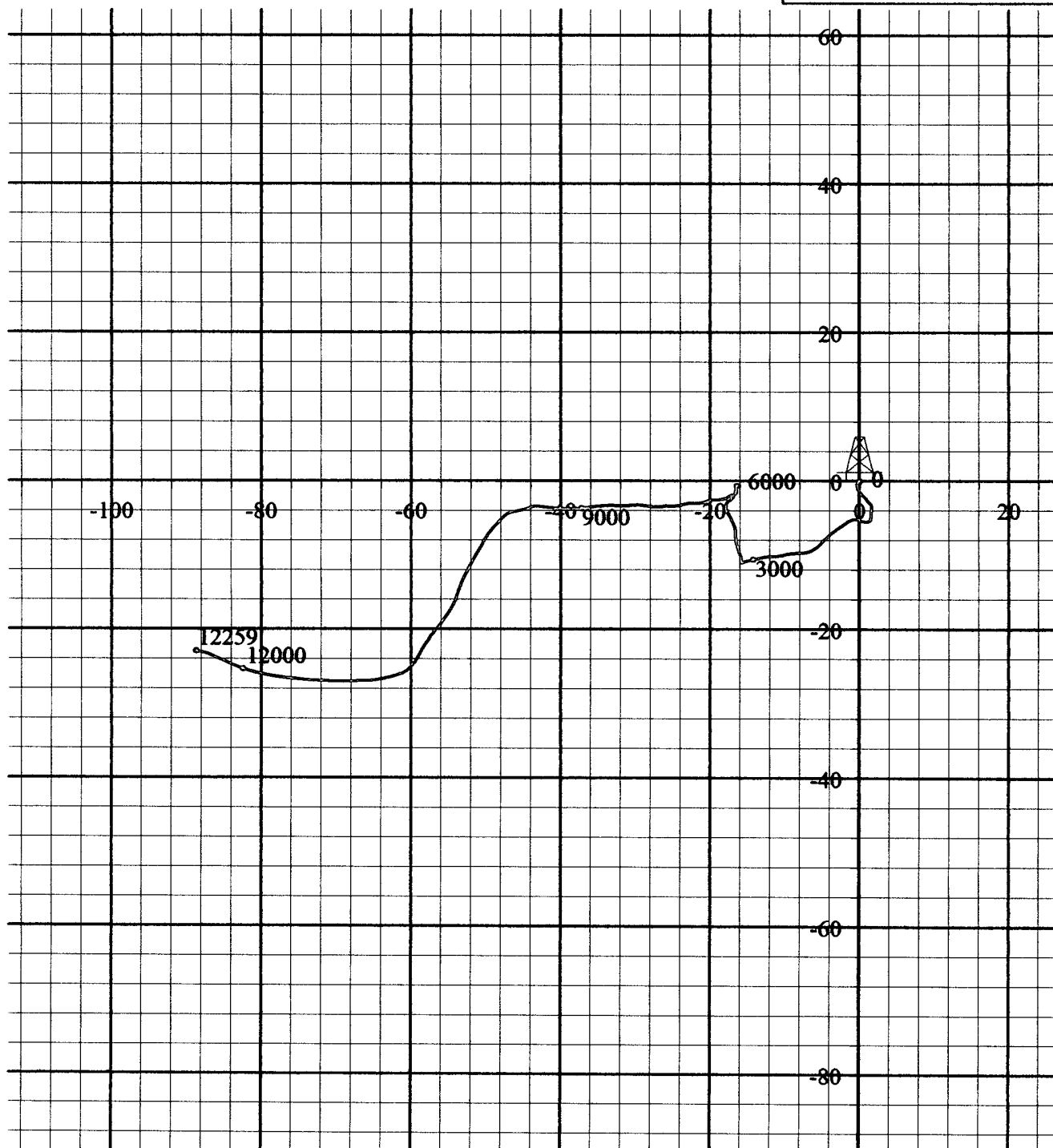


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Drilling

Field: Denton
Site: Lea County, NM
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Survey: 05/19/05



South(-)/North(+) [20ft/in]



West(-)/East(+) [20ft/in]