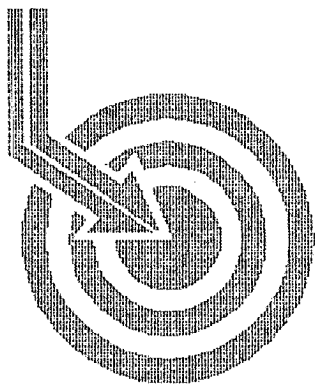




Scientific Drilling

SUR: N-11-12s-35e, 695/S & 1470/W
API # 30-025-37529

E.O.G.

Field: Silverheels
Site: Lea County, NM
Well: Silverheels State #1
Wellpath: VH - Job #32K0106003
Survey: 01/02/06



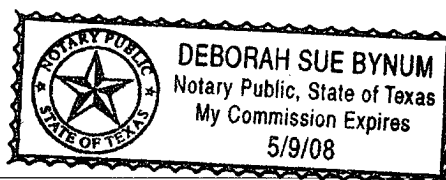
This survey is correct to the best of my knowledge
and is supported by actual field data.

[Signature].....Company Representative

Notorized this date 8th of February, 2005.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International

Survey Report

Company: E.O.G.
Field: Silverheels
Site: Lea County, NM
Well: Silverheels State #1
Wellpath: VH - Job #32K0106003

Date: 02/08/2006 Time: 11:05:17 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,0.00Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 01/02/06
KSRG 0'-9145'
Company: Scientific Drilling Internatio
Tool: Keeper, Keeper Surface Readout Gyro

Start Date: 01/02/2006
Engineer: Guebara/Madrid w/Gray
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	359.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.30	266.20	100.00	-0.02	-0.02	-0.26	0.30	0.26	266.20
200.00	0.52	249.45	200.00	-0.19	-0.19	-0.95	0.25	0.97	258.43
300.00	0.81	240.11	299.99	-0.71	-0.71	-1.99	0.31	2.11	250.43
400.00	0.73	243.51	399.98	-1.34	-1.34	-3.17	0.09	3.44	247.04
500.00	0.74	235.44	499.97	-1.99	-1.99	-4.27	0.10	4.71	244.99
600.00	0.71	225.62	599.96	-2.79	-2.79	-5.24	0.13	5.94	241.97
700.00	0.79	221.00	699.96	-3.75	-3.75	-6.14	0.10	7.19	238.61
800.00	0.87	215.00	799.95	-4.89	-4.89	-7.03	0.12	8.56	235.18
900.00	0.78	223.37	899.94	-6.00	-6.00	-7.93	0.15	9.95	232.87
1000.00	0.83	229.07	999.93	-6.97	-6.97	-8.94	0.09	11.34	232.06
1100.00	0.79	229.79	1099.92	-7.89	-7.89	-10.02	0.04	12.75	231.77
1200.00	0.87	229.11	1199.91	-8.84	-8.84	-11.12	0.08	14.20	231.53
1300.00	0.78	229.01	1299.89	-9.78	-9.78	-12.21	0.09	15.64	231.30
1400.00	0.73	224.68	1399.89	-10.68	-10.68	-13.17	0.08	16.95	230.96
1500.00	0.70	225.16	1499.88	-11.56	-11.56	-14.05	0.03	18.20	230.55
1600.00	0.64	226.32	1599.87	-12.38	-12.38	-14.89	0.06	19.36	230.26
1700.00	0.61	227.61	1699.87	-13.12	-13.12	-15.68	0.03	20.45	230.08
1800.00	0.53	237.90	1799.86	-13.73	-13.73	-16.47	0.13	21.44	230.19
1900.00	0.67	234.23	1899.86	-14.32	-14.32	-17.33	0.15	22.48	230.45
2000.00	0.65	221.94	1999.85	-15.08	-15.08	-18.19	0.14	23.63	230.34
2100.00	0.60	235.13	2099.84	-15.80	-15.80	-19.00	0.15	24.71	230.25
2200.00	0.69	231.25	2199.84	-16.48	-16.48	-19.90	0.10	25.83	230.37
2300.00	0.68	234.49	2299.83	-17.20	-17.20	-20.85	0.04	27.03	230.48
2400.00	0.55	237.30	2399.82	-17.80	-17.80	-21.74	0.13	28.10	230.68
2500.00	0.53	240.17	2499.82	-18.29	-18.29	-22.54	0.03	29.03	230.94
2600.00	0.60	250.22	2599.81	-18.70	-18.70	-23.43	0.12	29.98	231.41
2700.00	0.65	248.70	2699.81	-19.08	-19.08	-24.46	0.05	31.02	232.04
2800.00	0.63	237.08	2799.80	-19.59	-19.59	-25.45	0.13	32.11	232.41
2900.00	0.52	240.32	2899.80	-20.11	-20.11	-26.30	0.11	33.11	232.60
3000.00	0.41	225.16	2999.79	-20.59	-20.59	-26.95	0.16	33.91	232.62
3100.00	0.38	234.70	3099.79	-21.03	-21.03	-27.47	0.07	34.60	232.57
3200.00	0.33	228.38	3199.79	-21.41	-21.41	-27.96	0.06	35.22	232.55
3300.00	0.26	234.78	3299.79	-21.74	-21.74	-28.36	0.08	35.73	232.53
3400.00	0.21	218.62	3399.79	-22.01	-22.01	-28.66	0.08	36.14	232.48
3500.00	0.09	229.70	3499.79	-22.20	-22.20	-28.83	0.12	36.39	232.40
3600.00	0.19	248.54	3599.79	-22.32	-22.32	-29.05	0.11	36.63	232.47
3700.00	0.06	146.62	3699.79	-22.42	-22.42	-29.17	0.21	36.79	232.46
3800.00	0.06	313.90	3799.79	-22.43	-22.43	-29.18	0.12	36.81	232.46
3900.00	0.09	162.32	3899.79	-22.47	-22.47	-29.20	0.15	36.84	232.42
4000.00	0.05	65.61	3999.79	-22.52	-22.52	-29.13	0.11	36.82	232.29
4100.00	0.12	344.04	4099.79	-22.40	-22.40	-29.12	0.12	36.74	232.43
4200.00	0.05	255.81	4199.79	-22.31	-22.31	-29.19	0.13	36.74	232.61
4300.00	0.04	105.24	4299.79	-22.33	-22.33	-29.20	0.09	36.76	232.59
4400.00	0.09	49.89	4399.79	-22.29	-22.29	-29.11	0.07	36.66	232.55
4500.00	0.23	76.10	4499.79	-22.19	-22.19	-28.85	0.15	36.40	232.43
4600.00	0.16	92.20	4599.78	-22.15	-22.15	-28.52	0.09	36.11	232.16
4700.00	0.24	85.27	4699.78	-22.14	-22.14	-28.17	0.08	35.83	231.84
4800.00	0.20	38.99	4799.78	-21.99	-21.99	-27.85	0.18	35.48	231.71



Scientific Drilling International

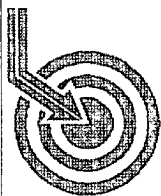
Survey Report

Company: E.O.G.
Field: Silverheels
Site: Lea County, NM
Well: Silverheels State #1
Wellpath: VH - Job #32K0106003

Date: 02/08/2006 Time: 11:05:17 Page: 2
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

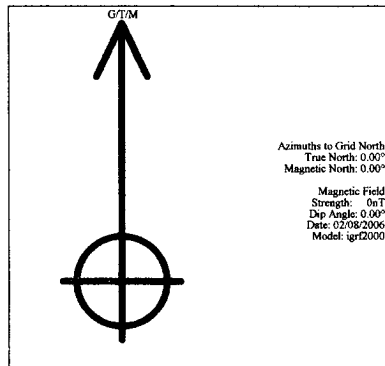
Survey

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	0.27	34.65	4899.78	-21.66	-21.66	-27.61	0.07	35.09	231.89
5000.00	0.30	5.81	4999.78	-21.20	-21.20	-27.45	0.14	34.68	232.32
5100.00	0.40	5.90	5099.78	-20.59	-20.59	-27.39	0.10	34.27	233.06
5200.00	0.58	3.88	5199.78	-19.74	-19.74	-27.32	0.18	33.70	234.14
5300.00	0.61	9.09	5299.77	-18.71	-18.71	-27.20	0.06	33.01	235.47
5400.00	0.68	8.32	5399.76	-17.60	-17.60	-27.03	0.07	32.25	236.93
5500.00	0.79	6.34	5499.76	-16.33	-16.33	-26.87	0.11	31.44	238.71
5600.00	0.79	7.08	5599.75	-14.96	-14.96	-26.70	0.01	30.61	240.75
5700.00	0.64	7.63	5699.74	-13.72	-13.72	-26.54	0.15	29.88	242.67
5800.00	0.46	14.69	5799.73	-12.78	-12.78	-26.37	0.19	29.30	244.15
5900.00	0.31	22.46	5899.73	-12.14	-12.14	-26.16	0.16	28.84	245.11
6000.00	0.15	48.88	5999.73	-11.80	-11.80	-25.96	0.19	28.52	245.55
6100.00	0.10	80.85	6099.73	-11.70	-11.70	-25.78	0.08	28.31	245.58
6200.00	0.14	102.89	6199.73	-11.72	-11.72	-25.57	0.06	28.13	245.38
6300.00	0.19	79.40	6299.73	-11.71	-11.71	-25.29	0.08	27.87	245.15
6400.00	0.21	89.65	6399.73	-11.68	-11.68	-24.94	0.04	27.54	244.91
6500.00	0.17	66.30	6499.73	-11.62	-11.62	-24.62	0.09	27.23	244.74
6600.00	0.22	64.41	6599.73	-11.48	-11.48	-24.32	0.05	26.89	244.73
6700.00	0.16	75.15	6699.73	-11.36	-11.36	-24.01	0.07	26.56	244.68
6800.00	0.03	62.92	6799.73	-11.31	-11.31	-23.85	0.13	26.40	244.62
6900.00	0.11	74.88	6899.73	-11.28	-11.28	-23.73	0.08	26.28	244.59
7000.00	0.06	155.77	6999.73	-11.30	-11.30	-23.62	0.12	26.18	244.44
7100.00	0.05	51.56	7099.73	-11.32	-11.32	-23.56	0.09	26.14	244.34
7200.00	0.01	47.76	7199.73	-11.29	-11.29	-23.52	0.04	26.09	244.37
7300.00	0.10	199.58	7299.73	-11.36	-11.36	-23.55	0.11	26.14	244.24
7400.00	0.07	129.71	7399.73	-11.48	-11.48	-23.53	0.10	26.18	243.98
7500.00	0.02	58.20	7499.73	-11.51	-11.51	-23.47	0.07	26.14	243.87
7600.00	0.05	91.85	7599.73	-11.51	-11.51	-23.41	0.04	26.08	243.83
7700.00	0.11	95.40	7699.73	-11.52	-11.52	-23.27	0.06	25.96	243.67
7800.00	0.18	60.81	7799.73	-11.45	-11.45	-23.04	0.11	25.72	243.57
7900.00	0.09	104.97	7899.73	-11.39	-11.39	-22.82	0.13	25.51	243.47
8000.00	0.41	71.84	7999.73	-11.30	-11.30	-22.41	0.34	25.10	243.24
8100.00	0.51	69.70	8099.72	-11.03	-11.03	-21.65	0.10	24.30	242.99
8200.00	0.54	77.42	8199.72	-10.78	-10.78	-20.77	0.08	23.40	242.58
8300.00	0.59	62.78	8299.71	-10.44	-10.44	-19.85	0.15	22.43	242.26
8400.00	0.75	60.46	8399.71	-9.88	-9.88	-18.83	0.16	21.26	242.31
8500.00	0.88	72.92	8499.70	-9.33	-9.33	-17.52	0.22	19.85	241.96
8600.00	1.08	72.15	8599.68	-8.82	-8.82	-15.89	0.20	18.18	240.97
8700.00	1.06	68.65	8699.66	-8.19	-8.19	-14.13	0.07	16.34	239.90
8800.00	1.03	73.08	8799.65	-7.59	-7.59	-12.41	0.09	14.55	238.54
8900.00	1.03	73.25	8899.63	-7.07	-7.07	-10.69	0.00	12.82	236.51
9000.00	0.97	80.53	8999.62	-6.68	-6.68	-9.00	0.14	11.20	233.42
9100.00	1.19	88.12	9099.60	-6.50	-6.50	-7.12	0.26	9.64	227.61
9145.00	1.31	97.69	9144.59	-6.56	-6.56	-6.15	0.53	8.99	223.16



Scientific
Drilling

Field: Silverheels
Site: Lea County, NM
Well: Silverheels State #1
Wellpath: VH - Job #32K0106003
Survey: 01/02/06



West(-)/East(+) [5ft/in]

