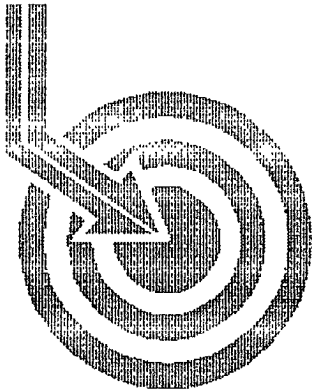


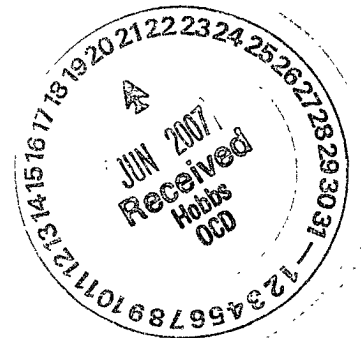


Scientific Drilling

30-025-31531

ENERGEN RESOURCES

Field: WLSU
Site: Lea County, NM
Well: WLSU #1
Wellpath: VH - Job #32K0507404
Survey: 05/16/07

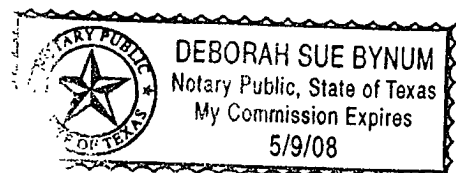


This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Shanta*.....Company Representative

Notorized this date 7th of June, 2007.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

21 22 23 24 25 26 27 28 29 30 31
JUN 2007
Page: 01 of 03
Hobbs 1
OCD
8/995

Company: ENERGEN RESOURCES
Field: WLSU
Site: Lea County, NM
Well: WLSU #1
Wellpath: VH - Job #32K0507404

Date: 06/06/2007 Time: 20:13:57
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,248.60Azi)
Survey Calculation Method: Minimum Curvature

Db: Sybase

Survey: 05/16/07
KSRG 0'-11000

Start Date: 05/16/2007

Company: Scientific Drilling Internatio
Tool: Keeper;Keeper Gyro

Engineer: Sharpe 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.88	148.02	100.00	-0.14	-0.65	0.41	0.88	0.77	148.02
200.00	0.33	164.95	199.99	-0.25	-1.58	0.89	0.57	1.81	150.67
300.00	0.18	135.53	299.99	-0.28	-1.97	1.07	0.19	2.24	151.44
400.00	0.35	174.99	399.99	-0.25	-2.39	1.21	0.24	2.68	153.13
500.00	0.15	178.83	499.99	-0.12	-2.82	1.24	0.20	3.08	156.30
600.00	0.38	182.08	599.99	0.05	-3.28	1.23	0.23	3.51	159.48
700.00	0.25	161.73	699.98	0.20	-3.82	1.29	0.17	4.03	161.41
800.00	0.15	232.40	799.98	0.34	-4.11	1.25	0.25	4.30	163.08
900.00	0.33	182.19	899.98	0.58	-4.48	1.14	0.26	4.62	165.76
1000.00	0.16	190.91	999.98	0.77	-4.90	1.10	0.17	5.02	167.37
1100.00	0.25	161.01	1099.98	0.85	-5.25	1.14	0.14	5.37	167.71
1200.00	0.31	185.48	1199.98	0.98	-5.72	1.19	0.13	5.84	168.27
1300.00	0.17	180.45	1299.98	1.16	-6.14	1.16	0.14	6.25	169.29
1400.00	0.25	154.23	1399.98	1.20	-6.48	1.26	0.12	6.60	169.05
1500.00	0.39	174.30	1499.98	1.27	-7.02	1.38	0.18	7.15	168.85
1600.00	0.24	196.92	1599.98	1.50	-7.56	1.36	0.19	7.68	169.83
1700.00	0.24	160.90	1699.98	1.63	-7.96	1.36	0.15	8.07	170.27
1800.00	0.37	180.45	1799.97	1.76	-8.48	1.43	0.16	8.60	170.42
1900.00	0.19	188.81	1899.97	1.97	-8.96	1.40	0.18	9.07	171.11
2000.00	0.32	169.05	1999.97	2.10	-9.40	1.43	0.16	9.51	171.35
2100.00	0.28	195.97	2099.97	2.30	-9.91	1.42	0.14	10.01	171.87
2200.00	0.12	209.05	2199.97	2.53	-10.24	1.30	0.17	10.32	172.78
2300.00	0.44	174.16	2299.97	2.71	-10.71	1.29	0.35	10.79	173.16
2400.00	0.59	164.42	2399.96	2.87	-11.59	1.46	0.17	11.68	172.80
2500.00	1.02	155.43	2499.95	2.87	-12.89	1.97	0.45	13.04	171.31
2600.00	0.93	156.38	2599.94	2.79	-14.45	2.67	0.09	14.69	169.54
2700.00	1.05	155.19	2699.92	2.70	-16.02	3.38	0.12	16.37	168.10
2800.00	0.93	135.15	2799.91	2.33	-17.43	4.33	0.36	17.96	166.04
2900.00	0.74	132.14	2899.90	1.72	-18.44	5.38	0.19	19.21	163.72
3000.00	0.76	131.81	2999.89	1.13	-19.31	6.36	0.02	20.33	161.78
3100.00	0.53	117.32	3099.88	0.53	-19.97	7.26	0.28	21.25	160.01
3200.00	0.20	131.39	3199.88	0.14	-20.30	7.80	0.34	21.74	158.97
3300.00	0.19	166.96	3299.88	0.09	-20.57	7.97	0.12	22.06	158.82
3400.00	0.06	115.73	3399.88	0.07	-20.76	8.06	0.16	22.27	158.78
3500.00	0.22	335.08	3499.88	0.05	-20.61	8.02	0.27	22.11	158.72
3600.00	0.16	302.59	3599.88	0.14	-20.36	7.83	0.12	21.81	158.97
3700.00	0.11	21.66	3699.88	0.16	-20.19	7.74	0.18	21.63	159.02
3800.00	0.21	36.79	3799.88	-0.06	-19.96	7.89	0.11	21.46	158.43
3900.00	0.24	10.59	3899.88	-0.33	-19.60	8.04	0.11	21.19	157.71
4000.00	0.21	344.59	3999.88	-0.46	-19.22	8.03	0.11	20.83	157.34
4100.00	0.13	348.33	4099.88	-0.50	-18.93	7.95	0.08	20.54	157.21
4200.00	0.09	152.47	4199.88	-0.52	-18.89	7.97	0.22	20.50	157.13
4300.00	0.17	172.83	4299.88	-0.50	-19.11	8.02	0.09	20.72	157.22
4400.00	0.25	215.31	4399.88	-0.28	-19.43	7.92	0.17	20.98	157.84
4500.00	0.23	219.64	4499.88	0.08	-19.77	7.66	0.03	21.20	158.81
4600.00	0.29	217.84	4599.88	0.47	-20.12	7.38	0.06	21.43	159.86
4700.00	0.47	250.30	4699.87	1.10	-20.46	6.84	0.27	21.57	161.52
4800.00	0.50	253.26	4799.87	1.95	-20.72	6.03	0.04	21.58	163.77



Scientific Drilling International Survey Report

Company: ENERGEN RESOURCES Date: 06/06/2007 Time: 20:13:57 Page: 2
Field: WLSU Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Site: Lea County, NM Vertical (TVD) Reference: SITE 0.0
Well: WLSU #1 Section (VS) Reference: Well (0.00N,0.00E,248.60Azi)
Wellpath: VH - Job #32K0507404 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	0.47	264.36	4899.87	2.78	-20.89	5.21	0.10	21.53	166.00
5000.00	0.40	283.59	4999.86	3.46	-20.85	4.46	0.16	21.32	167.93
5100.00	0.24	324.27	5099.86	3.79	-20.60	4.00	0.27	20.98	169.02
5200.00	0.22	3.86	5199.86	3.76	-20.23	3.89	0.16	20.60	169.12
5300.00	0.21	29.74	5299.86	3.54	-19.88	3.99	0.10	20.28	168.65
5400.00	0.12	15.91	5399.86	3.33	-19.62	4.11	0.10	20.05	168.17
5500.00	0.13	333.88	5499.86	3.28	-19.42	4.09	0.09	19.85	168.11
5600.00	0.31	334.25	5599.86	3.31	-19.08	3.92	0.18	19.47	168.38
5700.00	0.35	332.54	5699.86	3.36	-18.56	3.66	0.04	18.92	168.83
5800.00	0.38	327.50	5799.86	3.46	-18.01	3.35	0.04	18.32	169.48
5900.00	0.58	296.84	5899.85	3.86	-17.50	2.72	0.32	17.71	171.18
6000.00	0.59	282.85	5999.85	4.62	-17.16	1.76	0.14	17.25	174.14
6100.00	0.71	275.82	6099.84	5.60	-16.98	0.64	0.14	16.99	177.83
6200.00	0.70	270.77	6199.83	6.71	-16.91	-0.58	0.06	16.92	181.98
6300.00	0.61	284.77	6299.83	7.71	-16.77	-1.71	0.18	16.85	185.82
6400.00	0.52	305.26	6399.82	8.39	-16.37	-2.59	0.22	16.57	189.01
6500.00	0.57	298.41	6499.82	8.96	-15.87	-3.40	0.08	16.23	192.10
6600.00	0.62	297.36	6599.81	9.64	-15.38	-4.32	0.05	15.98	195.69
6700.00	0.56	294.22	6699.81	10.34	-14.94	-5.25	0.07	15.83	199.36
6800.00	0.59	289.50	6799.80	11.07	-14.56	-6.18	0.06	15.82	202.99
6900.00	0.57	285.06	6899.80	11.86	-14.26	-7.14	0.05	15.95	206.60
7000.00	0.55	286.68	6999.79	12.63	-13.99	-8.08	0.03	16.16	210.01
7100.00	0.52	283.37	7099.79	13.38	-13.75	-8.98	0.04	16.43	213.16
7200.00	0.49	285.73	7199.78	14.10	-13.53	-9.84	0.04	16.73	216.02
7300.00	0.44	299.19	7299.78	14.68	-13.23	-10.58	0.12	16.94	218.66
7400.00	0.41	313.82	7399.78	15.08	-12.79	-11.18	0.11	16.99	221.14
7500.00	0.48	312.64	7499.77	15.41	-12.26	-11.74	0.07	16.98	223.76
7600.00	0.47	296.95	7599.77	15.86	-11.79	-12.42	0.13	17.12	226.48
7700.00	0.39	311.89	7699.77	16.29	-11.38	-13.04	0.14	17.30	228.88
7800.00	0.34	308.83	7799.77	16.59	-10.97	-13.52	0.05	17.41	230.96
7900.00	0.40	308.00	7899.76	16.92	-10.56	-14.03	0.06	17.56	233.01
8000.00	0.43	311.62	7999.76	17.26	-10.10	-14.58	0.04	17.74	235.29
8100.00	0.15	350.46	8099.76	17.41	-9.72	-14.89	0.33	17.78	236.85
8200.00	0.39	48.30	8199.76	17.06	-9.37	-14.65	0.34	17.39	237.41
8300.00	0.82	73.92	8299.75	16.03	-8.94	-13.71	0.50	16.37	236.89
8400.00	0.77	73.20	8399.74	14.65	-8.55	-12.38	0.05	15.05	235.37
8500.00	0.70	68.53	8499.74	13.37	-8.13	-11.17	0.09	13.82	233.94
8600.00	0.61	71.84	8599.73	12.22	-7.74	-10.09	0.10	12.72	232.51
8700.00	0.44	59.86	8699.72	11.31	-7.38	-9.26	0.20	11.84	231.42
8800.00	0.45	60.37	8799.72	10.54	-7.00	-8.58	0.01	11.07	230.81
8900.00	0.44	56.53	8899.72	9.78	-6.59	-7.92	0.03	10.30	230.24
9000.00	0.29	52.00	8999.72	9.16	-6.22	-7.40	0.15	9.67	229.94
9100.00	0.27	68.53	9099.72	8.68	-5.98	-6.98	0.08	9.19	229.42
9200.00	0.18	56.30	9199.71	8.30	-5.81	-6.63	0.10	8.82	228.79
9300.00	0.10	14.96	9299.71	8.09	-5.64	-6.48	0.12	8.59	228.98
9400.00	0.27	299.98	9399.71	8.19	-5.43	-6.66	0.26	8.60	230.79
9500.00	0.41	286.90	9499.71	8.61	-5.21	-7.21	0.16	8.90	234.13
9600.00	0.47	284.15	9599.71	9.23	-5.01	-7.95	0.06	9.39	237.78
9700.00	0.47	283.34	9699.71	9.90	-4.81	-8.74	0.01	9.98	241.17
9800.00	0.49	273.35	9799.70	10.62	-4.69	-9.57	0.09	10.66	243.87
9900.00	0.55	257.90	9899.70	11.49	-4.77	-10.47	0.15	11.50	245.50
10000.00	0.56	262.47	9999.69	12.43	-4.93	-11.42	0.05	12.44	246.63



Scientific Drilling International Survey Report

Company: ENERGEN RESOURCES
Field: WLSU
Site: Lea County, NM
Well: WLSU #1
Wellpath: VH - Job #32K0507404

Date: 06/06/2007 Time: 20:13:57 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,248.60Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

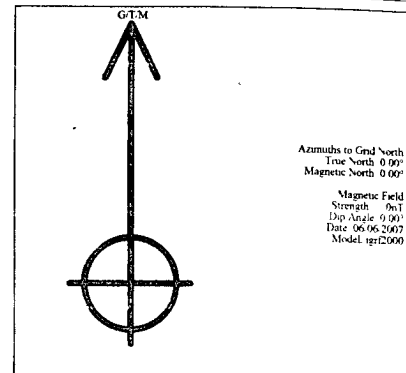
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
10100.00	0.69	267.94	10099.69	13.48	-5.02	-12.51	0.14	13.48	248.13
10200.00	0.70	267.17	10199.68	14.62	-5.07	-13.72	0.01	14.63	249.71
10300.00	0.79	266.29	10299.67	15.86	-5.15	-15.02	0.09	15.87	251.08
10400.00	0.74	267.89	10399.66	17.13	-5.21	-16.35	0.05	17.16	252.31
10500.00	0.63	262.83	10499.66	18.27	-5.31	-17.54	0.13	18.33	253.17
10600.00	0.69	263.68	10599.65	19.38	-5.44	-18.68	0.06	19.46	253.76
10700.00	0.81	244.97	10699.64	20.67	-5.81	-19.92	0.27	20.75	253.75
10800.00	0.96	227.48	10799.63	22.16	-6.67	-21.18	0.31	22.21	252.51
10900.00	1.22	224.85	10899.61	23.91	-7.99	-22.55	0.26	23.92	250.48
11000.00	1.74	234.93	10999.58	26.36	-9.62	-24.54	0.58	26.36	248.60





Scientific
Drilling

Field: WLSU
Site: Lea County, NM
Well: WLSU #1
Wellpath: VH - Job #32K0507404
Survey: 05/16/07



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

South(-)/North(+) [5ft/in]

