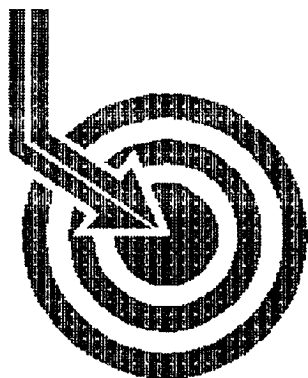
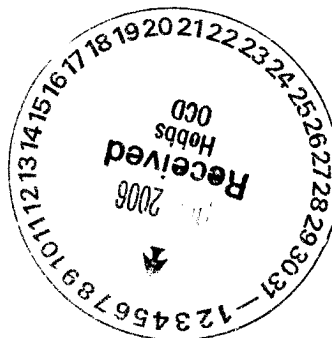




Scientific Drilling

ENERGEN RESOURCES

Field: WLSU
Site: Lea County, NM
Well: WLSU #3
Wellpath: VH - Job #32K0906739
Survey: 09/12/06

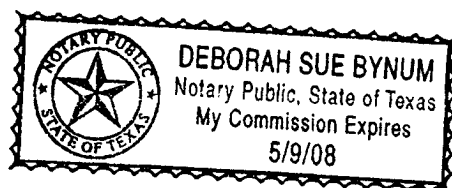


This survey is correct to the best of my knowledge
and is supported by actual field data.

.....R. Wharton..... Company Representative

Notorized this date 26th of September, 2006.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: ENERGEN RESOURCES
Field: WLSU
Site: Lea County, NM
Well: WLSU #3
Wellpath: VH - Job #32K0906739

Date: 09/26/2006 Time: 09:54:04 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,107.08Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 09/12/06 Start Date: 09/12/2006
KSRG 0'-10850'
Company: Scientific Drilling Internatio Engineer: Madrid w/Gray
Tool: Keeper, Keeper Gyro 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	0.65	84.93	100.00	0.53	0.05	0.57	0.65	0.57	84.93
200.00	0.56	74.32	199.99	1.46	0.23	1.60	0.14	1.62	81.74
300.00	0.76	57.28	299.99	2.30	0.72	2.63	0.28	2.73	74.63
400.00	0.70	62.69	399.98	3.17	1.36	3.73	0.09	3.97	69.94
500.00	0.72	50.18	499.97	3.94	2.04	4.76	0.16	5.18	66.74
600.00	0.70	50.37	599.96	4.62	2.84	5.71	0.02	6.37	63.58
700.00	0.81	57.61	699.95	5.42	3.60	6.78	0.15	7.67	61.99
800.00	0.69	55.88	799.95	6.25	4.32	7.87	0.12	8.98	61.23
900.00	0.69	56.75	899.94	7.02	4.99	8.87	0.01	10.18	60.65
1000.00	0.78	59.66	999.93	7.86	5.66	9.96	0.10	11.46	60.39
1100.00	0.44	46.13	1099.92	8.51	6.27	10.83	0.37	12.51	59.92
1200.00	0.32	22.87	1199.92	8.72	6.80	11.21	0.19	13.11	58.78
1300.00	0.17	41.31	1299.92	8.81	7.16	11.42	0.17	13.48	57.90
1400.00	0.01	115.25	1399.92	8.88	7.27	11.53	0.17	13.63	57.75
1500.00	0.13	325.39	1499.92	8.80	7.36	11.47	0.14	13.63	57.30
1600.00	0.15	357.51	1599.92	8.67	7.59	11.40	0.08	13.69	56.36
1700.00	0.18	340.31	1699.92	8.53	7.86	11.34	0.06	13.80	55.26
1800.00	0.07	94.94	1799.92	8.50	8.01	11.35	0.22	13.89	54.79
1900.00	0.06	65.59	1899.92	8.59	8.02	11.46	0.03	13.99	54.99
2000.00	0.25	114.09	1999.92	8.85	7.96	11.70	0.21	14.15	55.79
2100.00	0.46	147.94	2099.92	9.37	7.53	12.12	0.29	14.26	58.15
2200.00	0.50	144.43	2199.91	10.02	6.83	12.58	0.05	14.32	61.50
2300.00	0.67	146.29	2299.91	10.82	5.99	13.16	0.17	14.46	65.53
2400.00	0.59	138.86	2399.90	11.71	5.12	13.82	0.11	14.74	69.69
2500.00	0.63	137.56	2499.90	12.62	4.32	14.53	0.04	15.16	73.43
2600.00	0.73	129.83	2599.89	13.68	3.51	15.39	0.14	15.79	77.16
2700.00	0.67	122.14	2699.88	14.84	2.79	16.38	0.11	16.61	80.33
2800.00	0.55	93.74	2799.88	15.87	2.45	17.35	0.32	17.52	81.97
2900.00	0.63	54.65	2899.87	16.67	2.73	18.28	0.40	18.48	81.49
3000.00	0.72	48.79	2999.87	17.34	3.47	19.20	0.11	19.51	79.76
3100.00	0.81	58.37	3099.86	18.13	4.25	20.28	0.16	20.72	78.16
3200.00	0.74	62.25	3199.85	19.06	4.92	21.45	0.09	22.01	77.07
3300.00	0.66	65.38	3299.84	19.94	5.46	22.54	0.09	23.20	76.38
3400.00	0.82	66.82	3399.83	20.92	5.99	23.73	0.16	24.47	75.84
3500.00	0.74	73.81	3499.82	22.01	6.45	25.00	0.12	25.82	75.54
3600.00	0.88	71.79	3599.81	23.17	6.87	26.35	0.14	27.23	75.39
3700.00	0.90	69.05	3699.80	24.42	7.39	27.82	0.05	28.78	75.13
3800.00	1.06	67.68	3799.79	25.75	8.02	29.40	0.16	30.48	74.74
3900.00	1.35	72.35	3899.76	27.43	8.73	31.38	0.31	32.57	74.46
4000.00	1.29	74.80	3999.74	29.35	9.38	33.59	0.08	34.88	74.40
4100.00	1.24	72.82	4099.71	31.20	10.00	35.71	0.07	37.08	74.36
4200.00	1.29	66.47	4199.69	32.95	10.76	37.78	0.15	39.28	74.10
4300.00	1.35	72.91	4299.66	34.78	11.56	39.94	0.16	41.58	73.86
4400.00	1.39	80.02	4399.63	36.83	12.12	42.26	0.17	43.96	74.00
4500.00	1.47	80.72	4499.60	39.06	12.53	44.72	0.08	46.44	74.34
4600.00	1.71	85.26	4599.56	41.60	12.86	47.47	0.27	49.18	74.84
4700.00	1.81	88.65	4699.52	44.48	13.02	50.54	0.14	52.19	75.55
4800.00	1.92	87.84	4799.46	47.56	13.12	53.79	0.11	55.37	76.29



Scientific Drilling International Survey Report

Company: ENERGEN RESOURCES
Field: WLSU
Site: Lea County, NM
Well: WLSU #3
Wellpath: VH - Job #32K0906739

Date: 09/26/2006 Time: 09:54:04 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,107.08Azi)
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	1.99	87.97	4899.40	50.78	13.25	57.20	0.07	58.71	76.96
5000.00	2.03	93.41	4999.34	54.14	13.21	60.70	0.19	62.12	77.73
5100.00	2.22	100.54	5099.27	57.79	12.75	64.37	0.33	65.62	78.80
5200.00	2.18	100.59	5199.20	61.60	12.04	68.15	0.04	69.20	79.98
5300.00	2.17	104.85	5299.13	65.38	11.21	71.85	0.16	72.71	81.13
5400.00	2.26	103.36	5399.05	69.24	10.27	75.59	0.11	76.29	82.27
5500.00	2.19	105.87	5498.98	73.12	9.29	79.35	0.12	79.89	83.32
5600.00	2.35	105.86	5598.90	77.08	8.21	83.16	0.16	83.56	84.37
5700.00	2.26	107.58	5698.82	81.10	7.05	87.01	0.11	87.30	85.37
5800.00	2.13	112.96	5798.75	84.92	5.73	90.60	0.24	90.78	86.38
5900.00	1.78	113.44	5898.69	88.31	4.39	93.74	0.35	93.84	87.32
6000.00	1.45	107.26	5998.65	91.12	3.39	96.37	0.37	96.43	87.98
6100.00	1.29	109.32	6098.62	93.51	2.65	98.64	0.17	98.68	88.46
6200.00	1.39	102.48	6198.59	95.85	2.01	100.89	0.19	100.91	88.86
6300.00	1.34	111.44	6298.56	98.22	1.32	103.16	0.22	103.17	89.27
6400.00	1.10	105.53	6398.54	100.35	0.64	105.17	0.27	105.18	89.65
6500.00	0.77	108.08	6498.53	101.98	0.17	106.74	0.33	106.74	89.91
6600.00	0.76	103.05	6598.52	103.31	-0.19	108.02	0.07	108.02	90.10
6700.00	0.59	121.21	6698.51	104.47	-0.60	109.11	0.27	109.11	90.32
6800.00	0.30	170.68	6798.51	105.09	-1.13	109.59	0.46	109.60	90.59
6900.00	0.29	189.39	6898.51	105.24	-1.64	109.59	0.10	109.61	90.86
7000.00	0.48	216.41	6998.51	105.13	-2.22	109.30	0.26	109.33	91.17
7100.00	0.50	247.95	7098.50	104.66	-2.72	108.65	0.27	108.68	91.44
7200.00	0.58	229.61	7198.50	104.05	-3.22	107.86	0.19	107.91	91.71
7300.00	0.63	243.54	7298.49	103.38	-3.79	106.98	0.15	107.05	92.03
7400.00	0.56	233.11	7398.49	102.69	-4.33	106.10	0.13	106.19	92.34
7500.00	0.67	240.47	7498.48	102.00	-4.91	105.20	0.14	105.31	92.67
7600.00	0.63	241.84	7598.47	101.21	-5.46	104.21	0.04	104.35	93.00
7700.00	0.62	235.71	7698.47	100.49	-6.02	103.28	0.07	103.45	93.34
7800.00	0.57	244.36	7798.46	99.78	-6.54	102.38	0.10	102.59	93.66
7900.00	0.55	235.49	7898.46	99.12	-7.03	101.54	0.09	101.78	93.96
8000.00	0.59	239.81	7998.45	98.47	-7.56	100.70	0.06	100.98	94.29
8100.00	0.29	209.55	8098.45	98.07	-8.04	100.13	0.37	100.45	94.59
8200.00	0.32	148.75	8198.45	98.22	-8.50	100.15	0.31	100.51	94.85
8300.00	0.53	134.28	8298.45	98.84	-9.06	100.62	0.23	101.03	95.14
8400.00	0.52	131.95	8398.44	99.67	-9.68	101.29	0.02	101.75	95.46
8500.00	0.56	135.45	8498.44	100.51	-10.34	101.97	0.05	102.49	95.79
8600.00	0.57	157.33	8598.43	101.26	-11.14	102.51	0.21	103.11	96.20
8700.00	0.58	172.59	8698.43	101.78	-12.10	102.76	0.15	103.47	96.72
8800.00	0.62	184.58	8798.42	102.11	-13.15	102.78	0.13	103.62	97.29
8900.00	0.66	192.67	8898.42	102.27	-14.25	102.61	0.10	103.60	97.90
9000.00	0.71	194.45	8998.41	102.34	-15.41	102.33	0.05	103.49	98.56
9100.00	0.69	198.77	9098.40	102.36	-16.58	101.99	0.06	103.32	99.23
9200.00	0.85	201.54	9198.39	102.28	-17.84	101.52	0.16	103.07	99.97
9300.00	0.86	202.22	9298.38	102.16	-19.22	100.96	0.01	102.78	100.78
9400.00	0.93	198.87	9398.37	102.06	-20.69	100.42	0.09	102.53	101.64
9500.00	0.79	197.91	9498.36	102.03	-22.11	99.94	0.14	102.36	102.47
9600.00	0.53	174.96	9598.35	102.19	-23.23	99.77	0.37	102.44	103.11
9700.00	0.51	176.76	9698.35	102.52	-24.13	99.84	0.03	102.71	103.59
9800.00	0.38	167.97	9798.34	102.84	-24.90	99.93	0.15	102.99	103.99
9900.00	0.28	139.34	9898.34	103.20	-25.41	100.16	0.19	103.33	104.24
10000.00	0.26	140.02	9998.34	103.60	-25.77	100.46	0.02	103.72	104.39



Scientific Drilling International

Survey Report

Company: ENERGEN RESOURCES
Field: WLSU
Site: Lea County, NM
Well: WLSU #3
Wellpath: VH - Job #32K0906739

Date: 09/26/2006 Time: 09:54:04 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,107.08Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

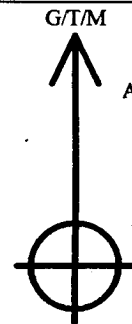
Survey

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	0.27	139.68	10098.34	103.99	-26.12	100.76	0.01	104.09	104.53
10200.00	0.45	129.32	10198.34	104.55	-26.55	101.22	0.19	104.64	104.70
10300.00	0.55	129.35	10298.34	105.36	-27.10	101.89	0.10	105.44	104.90
10400.00	0.59	144.19	10398.33	106.22	-27.83	102.57	0.15	106.27	105.18
10500.00	0.47	143.80	10498.33	106.95	-28.58	103.11	0.12	107.00	105.49
10600.00	0.43	175.28	10598.32	107.42	-29.28	103.38	0.25	107.45	105.81
10700.00	0.53	200.15	10698.32	107.54	-30.09	103.25	0.23	107.55	106.25
10800.00	0.62	210.33	10798.31	107.39	-30.99	102.82	0.14	107.39	106.77
10850.00	0.74	202.87	10848.31	107.29	-31.52	102.56	0.30	107.29	107.08



Scientific
Drilling

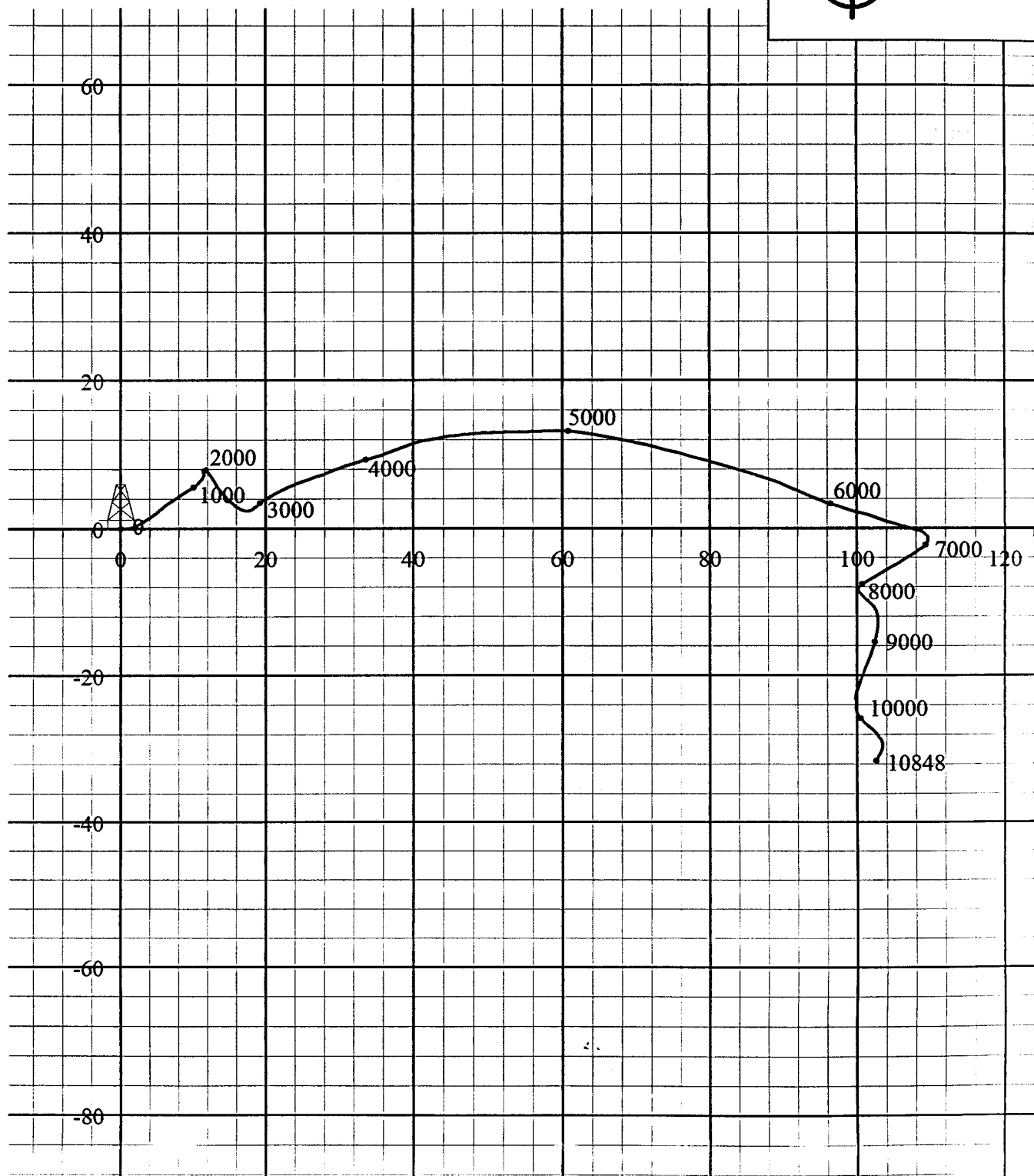
Field: WLSU
Site: Lea County, NM
Well: WLSU #3
Wellpath: VH - Job #32K0906739
Survey: 09/12/06



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 09/26/2006
Model: igrf2000

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



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