Scientific Drilling

NANCE PETROLEUM

Field: Burton Flat
Site: Eddy County, NM
Well: Burton Flat 36 State #1
Wellpath: VH - Job #32K0403197
Survey: 04/25/03

30-015-10329

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

.....Company Representative

Notorized this date 27th of May, 2003.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas

DEBORAH S BYNUM
Notary Public, State of Texas
My Commission Expires
05-09-2004

Scientific Drilling
Survey Report

Company:	NANCE PETROLEUM	**Date:** 5/27/2003	**Time:** 11:35:50	**Page:**	1
Field:	Burton Flat	**Co-ordinate(NE) Reference:**	Site: Eddy County, NM, Grid North		
Site:	Eddy County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	Burton Flat 36 State #1	**Section (VS) Reference:**	Well (0.00N,0.00E,147.79Azi)		
Wellpath:	VH - Job #32K0403197	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey:	04/25/03 KSRG 0'-8800'	**Start Date:**	4/25/2003
Company:	Scientific Drilling	**Engineer:**	Cary Coffee
Tool:		**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
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.32	289.75	100.0	-0.2	0.1	-0.3	0.32	0.3	289.75
200.0	0.31	290.03	200.0	-0.7	0.3	-0.8	0.01	0.8	289.84
300.0	0.35	277.61	300.0	-1.1	0.4	-1.3	0.08	1.4	287.23
400.0	0.84	265.30	400.0	-1.6	0.4	-2.4	0.50	2.4	279.46
500.0	0.73	262.58	500.0	-2.2	0.3	-3.7	0.12	3.7	273.87
600.0	0.48	303.33	600.0	-2.9	0.4	-4.7	0.48	4.7	274.86
700.0	0.38	12.46	700.0	-3.5	1.0	-5.0	0.49	5.1	280.82
800.0	0.90	24.37	800.0	-4.1	2.0	-4.6	0.53	5.0	293.45
900.0	1.09	50.65	900.0	-4.7	3.3	-3.5	0.49	4.8	313.12
1000.0	1.26	52.17	999.9	-4.9	4.6	-1.9	0.17	5.0	337.16
1100.0	1.97	59.59	1099.9	-5.0	6.1	0.4	0.74	6.1	3.89
1200.0	2.32	60.02	1199.8	-4.8	8.0	3.7	0.35	8.8	24.50
1300.0	2.39	60.31	1299.7	-4.7	10.1	7.2	0.07	12.4	35.66
1400.0	2.11	65.42	1399.7	-4.3	11.9	10.7	0.34	16.0	42.07
1500.0	1.70	77.52	1499.6	-3.6	12.9	13.8	0.57	18.9	46.89
1600.0	1.50	84.44	1599.6	-2.5	13.4	16.6	0.28	21.3	51.07
1700.0	1.50	95.46	1699.5	-1.1	13.4	19.2	0.29	23.4	55.08
1800.0	1.79	119.20	1799.5	1.1	12.5	21.8	0.73	25.2	60.21
1900.0	2.83	137.38	1899.4	4.9	9.9	24.9	1.26	26.8	68.25
2000.0	3.10	137.02	1999.3	9.9	6.1	28.4	0.27	29.1	77.81
2100.0	3.20	140.29	2099.1	15.4	2.0	32.0	0.21	32.1	86.41
2200.0	3.28	140.27	2199.0	21.0	-2.3	35.6	0.08	35.7	93.75
2300.0	2.66	136.04	2298.8	26.1	-6.2	39.1	0.66	39.6	99.03
2400.0	2.16	132.45	2398.7	30.2	-9.2	42.1	0.52	43.1	102.27
2500.0	1.84	134.05	2498.7	33.6	-11.5	44.6	0.32	46.1	104.50
2600.0	1.61	130.51	2598.6	36.5	-13.6	46.8	0.25	48.8	106.15
2700.0	1.22	137.45	2698.6	38.8	-15.3	48.6	0.43	51.0	107.43
2800.0	1.15	146.75	2798.6	40.9	-16.9	49.9	0.20	52.7	108.70
2900.0	1.05	124.38	2898.6	42.7	-18.2	51.2	0.44	54.4	109.61
3000.0	1.06	115.66	2998.5	44.4	-19.2	52.8	0.16	56.2	109.95
3100.0	1.29	123.13	3098.5	46.2	-20.2	54.6	0.28	58.2	110.29
3200.0	1.35	119.23	3198.5	48.2	-21.4	56.5	0.11	60.4	110.70
3300.0	1.37	119.16	3298.5	50.3	-22.5	58.6	0.02	62.8	111.02
3400.0	1.50	116.60	3398.4	52.5	-23.7	60.8	0.14	65.3	111.28
3500.0	1.49	112.34	3498.4	54.7	-24.8	63.2	0.11	67.9	111.40
3600.0	1.45	115.81	3598.4	56.8	-25.8	65.5	0.10	70.4	111.50
3700.0	1.26	123.99	3698.3	58.9	-27.0	67.6	0.27	72.8	111.76
3800.0	0.81	127.61	3798.3	60.5	-28.0	69.1	0.45	74.5	112.09
3900.0	0.67	125.77	3898.3	61.7	-28.8	70.1	0.14	75.8	112.34
4000.0	0.62	123.86	3998.3	62.8	-29.4	71.0	0.05	76.9	112.52
4100.0	0.61	129.87	4098.3	63.8	-30.1	71.9	0.07	77.9	112.71
4200.0	0.31	136.22	4198.3	64.6	-30.6	72.5	0.30	78.7	112.91
4300.0	0.34	137.53	4298.3	65.1	-31.0	72.9	0.03	79.2	113.07
4400.0	0.37	137.90	4398.3	65.7	-31.5	73.3	0.03	79.8	113.26
4500.0	0.34	137.17	4498.3	66.3	-32.0	73.7	0.03	80.3	113.44
4600.0	0.28	122.54	4598.3	66.8	-32.3	74.1	0.10	80.8	113.55
4700.0	8.00	193.93	4698.0	71.9	-39.2	72.6	7.92	82.5	118.36
4800.0	0.19	156.02	4797.6	76.9	-46.1	71.0	7.85	84.7	123.00

Scientific Drilling
Survey Report

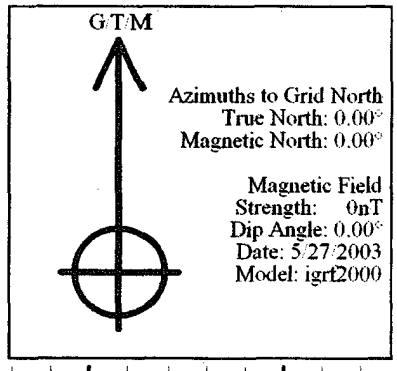
Company:	NANCE PETROLEUM	**Date:** 5/27/2003	**Time:** 11:35:50	**Page:**	2
Field:	Burton Flat	**Co-ordinate(NE) Reference:**	Site: Eddy County, NM, Grid North		
Site:	Eddy County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	Burton Flat 36 State #1	**Section (VS) Reference:**	Well (0.00N,0.00E,147.79Azi)		
Wellpath:	VH - Job #32K0403197	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

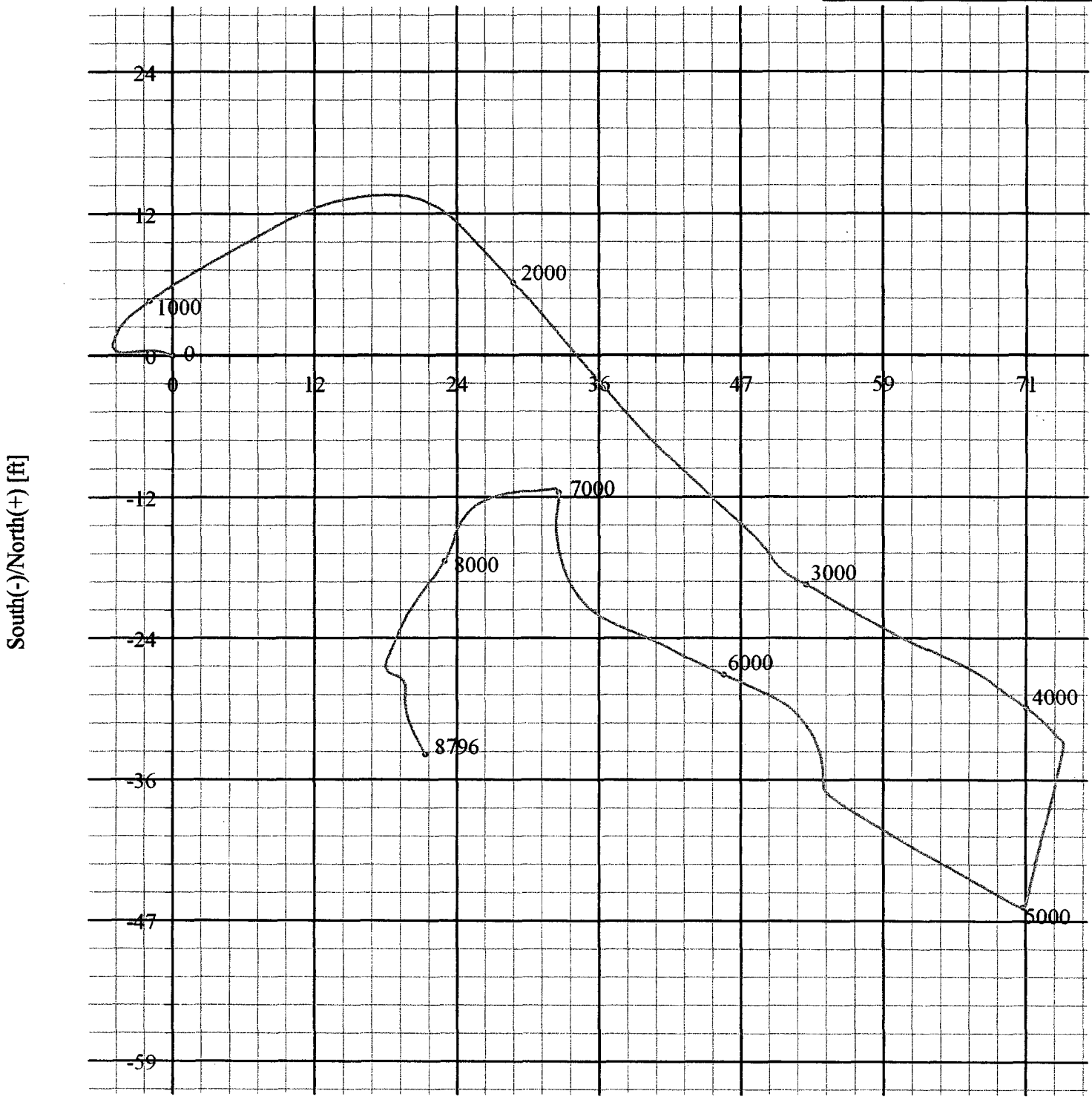
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	0.11	328.73	4897.6	77.0	-46.2	71.0	0.30	84.7	123.03
5000.0	0.17	260.21	4997.6	76.8	-46.1	70.8	0.17	84.5	123.07
5100.0	0.19	279.88	5097.6	76.6	-46.1	70.5	0.06	84.3	123.18
5200.0	10.71	299.70	5197.0	68.3	-41.5	62.3	10.53	74.8	123.67
5300.0	0.86	2.92	5296.4	59.5	-36.1	54.2	10.35	65.2	123.66
5400.0	0.91	353.91	5396.4	58.1	-34.6	54.2	0.15	64.3	122.54
5500.0	0.91	343.23	5496.4	56.7	-33.0	53.9	0.17	63.2	121.51
5600.0	1.01	329.16	5596.4	55.0	-31.5	53.2	0.26	61.8	120.64
5700.0	1.08	317.34	5696.4	53.2	-30.1	52.1	0.23	60.1	119.99
5800.0	1.26	298.90	5796.4	51.3	-28.8	50.5	0.41	58.1	119.73
5900.0	1.45	294.57	5896.3	49.3	-27.8	48.4	0.22	55.8	119.86
6000.0	1.50	293.51	5996.3	47.2	-26.7	46.0	0.06	53.2	120.14
6100.0	1.57	295.71	6096.3	44.9	-25.6	43.6	0.09	50.6	120.43
6200.0	1.38	297.67	6196.2	42.7	-24.5	41.3	0.20	48.0	120.64
6300.0	1.35	291.68	6296.2	40.7	-23.5	39.1	0.15	45.6	120.95
6400.0	1.30	294.02	6396.2	38.8	-22.6	37.0	0.07	43.3	121.38
6500.0	1.26	307.67	6496.2	36.8	-21.4	35.1	0.31	41.1	121.41
6600.0	1.33	326.15	6596.1	34.7	-19.8	33.6	0.42	39.0	120.52
6700.0	1.37	341.31	6696.1	32.3	-17.7	32.6	0.36	37.1	118.54
6800.0	1.42	353.05	6796.1	30.0	-15.3	32.0	0.29	35.5	115.60
6900.0	1.37	8.87	6896.0	28.0	-12.9	32.1	0.39	34.6	111.97
7000.0	0.34	350.84	6996.0	26.9	-11.5	32.2	1.05	34.2	109.59
7100.0	0.16	282.75	7096.0	26.5	-11.1	32.0	0.32	33.9	109.18
7200.0	0.62	260.32	7196.0	26.2	-11.2	31.3	0.48	33.3	109.65
7300.0	0.64	269.07	7296.0	25.7	-11.3	30.2	0.10	32.3	110.47
7400.0	0.60	266.76	7396.0	25.1	-11.3	29.2	0.05	31.3	111.23
7500.0	0.67	258.85	7496.0	24.7	-11.5	28.1	0.11	30.3	112.23
7600.0	0.66	255.75	7596.0	24.3	-11.7	26.9	0.04	29.4	113.53
7700.0	0.99	241.34	7696.0	24.1	-12.3	25.6	0.39	28.4	115.62
7800.0	1.14	215.58	7796.0	24.4	-13.5	24.3	0.50	27.8	119.09
7900.0	1.22	196.99	7896.0	25.4	-15.3	23.4	0.39	28.0	123.25
8000.0	1.00	209.86	7995.9	26.5	-17.1	22.6	0.33	28.4	127.07
8100.0	1.39	218.65	8095.9	27.4	-18.8	21.5	0.43	28.5	131.25
8200.0	1.46	212.34	8195.9	28.3	-20.8	20.0	0.17	28.9	136.15
8300.0	1.41	204.45	8295.9	29.5	-23.0	18.8	0.20	29.7	140.74
8400.0	1.42	201.12	8395.8	30.9	-25.3	17.9	0.08	31.0	144.78
8500.0	1.25	104.39	8495.8	32.5	-26.7	18.5	2.00	32.5	145.35
8600.0	1.46	187.13	8595.8	34.2	-28.3	19.4	1.80	34.3	145.57
8700.0	1.48	158.12	8695.8	36.5	-30.7	19.7	0.74	36.5	147.34
8800.0	1.88	149.63	8795.7	39.4	-33.3	21.0	0.47	39.4	147.79

Scientific Drilling

Field: Burton Flat
Site: Eddy County, NM
Well: Burton Flat 36 State #1
Wellpath: VH - Job #32K0403197
Survey: 04/25/03





ST. MARY ENERGY
EAST BURTON FLAT STATE 36-1S

slot #1
UNKNOWN
Eddy County New Mexico

S U R V E Y L I S T I N G

by
Baker Hughes INTEQ

Your ref : MWD
Our ref : svy2255
License :

Date printed : 23-Sep-2004
Date created : 15-May-2003
Last revised : 11-Jun-2003

Field is centred on n32 40 29.200,w103 55 30.8
Structure is centred on n32 30 0.000,w104 15 0

Slot location is n32 30 0.000,w104 15 0.000
Slot Grid coordinates are N 545622.802, E 525691.731
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is True North

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES	Dogleg Deg/100ft	Vert Sect
6500.00	1.26	307.67	6496.16	21.44 S 35.10 E	0.31	-12.68
6530.00	2.30	248.60	6526.14	21.45 S 34.28 E	6.58	-12.04
6561.00	4.60	237.70	6557.09	22.34 S 32.65 E	7.68	-10.23
6593.00	5.60	232.70	6588.96	23.98 S 30.32 E	3.42	-7.40
6625.00	6.10	231.30	6620.79	25.99 S 27.75 E	1.62	-4.14
6657.00	6.80	230.60	6652.59	28.25 S 24.96 E	2.20	-0.55
6689.00	7.50	229.60	6684.34	30.81 S 21.90 E	2.22	3.44
6721.00	7.90	229.60	6716.05	33.59 S 18.64 E	1.25	7.72
6753.00	8.40	231.70	6747.73	36.46 S 15.13 E	1.82	12.26
6786.00	8.80	232.70	6780.36	39.48 S 11.23 E	1.29	17.19
6818.00	8.40	231.30	6812.00	42.43 S 7.46 E	1.41	21.97
6850.00	9.50	230.30	6843.61	45.58 S 3.60 E	3.47	26.94
6881.00	10.00	228.20	6874.16	49.00 S 0.37 W	1.98	32.19
6913.00	10.80	227.50	6905.63	52.88 S 4.65 W	2.53	37.97
6945.00	11.20	227.50	6937.05	57.01 S 9.15 W	1.25	44.07
6977.00	12.10	229.60	6968.39	61.28 S 14.00 W	3.11	50.53
7009.00	12.90	233.10	6999.63	65.60 S 19.41 W	3.44	57.45
7070.00	14.90	234.50	7058.84	74.24 S 31.24 W	3.32	72.06
7105.00	15.00	234.20	7092.65	79.51 S 38.58 W	0.36	81.05
7137.00	15.80	234.90	7123.50	84.43 S 45.50 W	2.57	89.51
7169.00	17.00	235.20	7154.20	89.61 S 52.91 W	3.76	98.50
7201.00	17.50	236.30	7184.76	94.95 S 60.75 W	1.87	107.93
7233.00	17.30	235.60	7215.30	100.30 S 68.68 W	0.90	117.44
7265.00	18.10	232.70	7245.78	106.01 S 76.56 W	3.72	127.13
7297.00	18.10	231.70	7276.20	112.10 S 84.42 W	0.97	137.06
7329.00	17.40	231.30	7306.68	118.17 S 92.05 W	2.22	146.81
7361.00	17.10	231.70	7337.24	124.08 S 99.48 W	1.01	156.29
7393.00	18.10	236.60	7367.74	129.73 S 107.32 W	5.58	165.93
7425.00	19.30	237.70	7398.05	135.29 S 115.94 W	3.91	176.09
7457.00	19.90	236.60	7428.20	141.12 S 124.96 W	2.20	186.72
7489.00	20.80	238.00	7458.20	147.13 S 134.32 W	3.20	197.75
7521.00	20.70	237.00	7488.12	153.22 S 143.88 W	1.15	208.97
7552.00	20.90	237.30	7517.10	159.19 S 153.13 W	0.73	219.88
7584.00	20.80	236.30	7547.01	165.42 S 162.66 W	1.16	231.17
7616.00	20.60	234.20	7576.94	171.87 S 171.95 W	2.40	242.42
7648.00	20.70	234.50	7606.89	178.45 S 181.13 W	0.45	253.66
7680.00	20.70	232.70	7636.82	185.16 S 190.23 W	1.99	264.94
7712.00	20.40	230.60	7666.79	192.13 S 199.04 W	2.49	276.16
7744.00	20.20	231.70	7696.80	199.09 S 207.68 W	1.35	287.26
7776.00	20.00	231.30	7726.85	205.94 S 216.29 W	0.76	298.25
7808.00	19.50	231.30	7756.97	212.70 S 224.73 W	1.56	309.05
7840.00	19.30	232.40	7787.15	219.26 S 233.09 W	1.30	319.67
7872.00	18.80	231.30	7817.40	225.71 S 241.30 W	1.92	330.11
7904.00	18.50	229.20	7847.72	232.25 S 249.17 W	2.30	340.34
7936.00	18.10	229.90	7878.10	238.77 S 256.81 W	1.43	350.39
7968.00	17.80	229.60	7908.54	245.15 S 264.34 W	0.98	360.25
8000.00	17.80	229.20	7939.01	251.51 S 271.77 W	0.38	370.03
8032.00	18.60	231.00	7969.41	257.92 S 279.44 W	3.06	380.02
8064.00	18.80	229.90	7999.72	264.45 S 287.35 W	1.27	390.28
8096.00	18.80	230.60	8030.01	271.05 S 295.27 W	0.70	400.59

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1353.25 on azimuth 229.09 degrees from wellhead.
Vertical section is from N 0.00 W 0.00 on azimuth 229.37 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES	Dogleg Deg/100ft	Vert Sect
8128.00	19.00	231.30	8060.29	277.58 S 303.32 W	0.94	410.95
8160.00	18.90	231.30	8090.55	284.07 S 311.43 W	0.31	421.34
8192.00	18.50	231.00	8120.86	290.51 S 319.42 W	1.29	431.59
8223.00	18.30	229.60	8150.28	296.76 S 326.95 W	1.56	441.38
8255.00	18.10	228.50	8180.68	303.31 S 334.50 W	1.24	451.37
8287.00	18.00	228.90	8211.10	309.85 S 341.95 W	0.50	461.28
8319.00	18.40	230.30	8241.50	316.33 S 349.56 W	1.85	471.28
8351.00	18.10	230.30	8271.89	322.73 S 357.27 W	0.94	481.30
8383.00	18.00	230.30	8302.32	329.06 S 364.90 W	0.31	491.21
8415.00	17.80	230.60	8332.77	335.33 S 372.49 W	0.69	501.05
8447.00	18.00	228.90	8363.22	341.68 S 379.99 W	1.75	510.88
8479.00	18.40	228.90	8393.62	348.25 S 387.52 W	1.25	520.87
8511.00	18.10	228.20	8424.01	354.88 S 395.03 W	1.16	530.89
8543.00	18.10	227.50	8454.43	361.56 S 402.40 W	0.68	540.83
8576.00	19.00	228.50	8485.71	368.58 S 410.21 W	2.89	551.33
8608.00	18.60	227.80	8516.00	375.46 S 417.89 W	1.44	561.64
8640.00	18.40	227.50	8546.35	382.30 S 425.39 W	0.69	571.79
8672.00	18.50	228.90	8576.71	389.05 S 432.94 W	1.42	581.91
8704.00	17.90	226.80	8607.11	395.75 S 440.35 W	2.78	591.90
8736.00	17.70	227.80	8637.57	402.39 S 447.54 W	1.14	601.68
8766.00	17.60	231.00	8666.16	408.30 S 454.45 W	3.25	610.77
8798.00	17.80	230.60	8696.65	414.45 S 461.98 W	0.73	620.49
8830.00	18.50	232.00	8727.05	420.68 S 469.76 W	2.58	630.46
8862.00	18.70	231.00	8757.38	427.04 S 477.75 W	1.18	640.66
8926.00	18.10	228.50	8818.11	440.08 S 493.17 W	1.55	660.85
8958.00	18.10	228.50	8848.53	446.67 S 500.62 W	0.00	670.79
8990.00	18.00	228.90	8878.95	453.21 S 508.07 W	0.50	680.71
9022.00	17.50	228.50	8909.43	459.65 S 515.40 W	1.61	690.46
9055.00	17.80	229.60	8940.88	466.21 S 522.95 W	1.36	700.47
9086.00	16.90	228.50	8970.47	472.27 S 529.94 W	3.09	709.71
9118.00	16.60	230.30	9001.11	478.27 S 536.94 W	1.87	718.93
9151.00	17.10	234.20	9032.69	484.12 S 544.50 W	3.74	728.48
9183.00	17.10	234.90	9063.28	489.57 S 552.16 W	0.64	737.85
9215.00	17.30	234.50	9093.85	495.04 S 559.89 W	0.73	747.27
9247.00	18.10	234.90	9124.33	500.66 S 567.83 W	2.53	756.96
9279.00	18.40	233.10	9154.72	506.55 S 575.93 W	2.00	766.95
9311.00	18.70	232.40	9185.06	512.72 S 584.04 W	1.17	777.11
9342.00	18.60	229.60	9214.43	518.95 S 591.74 W	2.91	787.02
9374.00	18.60	226.40	9244.76	525.78 S 599.32 W	3.19	797.22
9406.00	18.20	225.70	9275.13	532.79 S 606.59 W	1.43	807.30
9438.00	18.00	227.10	9305.54	539.65 S 613.79 W	1.50	817.23
9470.00	17.80	228.50	9335.99	546.25 S 621.08 W	1.48	827.06
9503.00	17.80	227.80	9367.41	552.98 S 628.59 W	0.65	837.14
9535.00	17.40	228.90	9397.92	559.41 S 635.82 W	1.63	846.82
9567.00	17.10	227.50	9428.48	565.74 S 642.89 W	1.60	856.30
9599.00	17.10	227.80	9459.06	572.08 S 649.85 W	0.28	865.71
9631.00	17.50	227.80	9489.62	578.47 S 656.90 W	1.25	875.22
9663.00	17.40	229.60	9520.14	584.80 S 664.11 W	1.72	884.82
9695.00	17.80	231.00	9550.64	590.98 S 671.55 W	1.82	894.49
9727.00	17.40	231.30	9581.15	597.05 S 679.09 W	1.28	904.16

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1353.25 on azimuth 229.09 degrees from wellhead.
Vertical section is from N 0.00 W 0.00 on azimuth 229.37 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES		Dogleg Deg/100ft	Vert Sect
9759.00	17.10	231.30	9611.71	602.98 S	686.49 W	0.94	913.64
9791.00	17.60	231.70	9642.25	608.92 S	693.96 W	1.61	923.18
9823.00	17.60	232.00	9672.75	614.90 S	701.57 W	0.28	932.85
9855.00	17.10	231.30	9703.30	620.82 S	709.05 W	1.69	942.38
9887.00	16.80	230.30	9733.91	626.72 S	716.28 W	1.31	951.71
9919.00	17.40	229.90	9764.49	632.75 S	723.50 W	1.91	961.12
9951.00	18.10	232.40	9794.97	638.87 S	731.10 W	3.23	970.86
9983.00	18.70	233.40	9825.33	644.96 S	739.16 W	2.12	980.95
10015.00	18.40	234.90	9855.67	650.92 S	747.41 W	1.76	991.09
10047.00	17.80	234.20	9886.09	656.69 S	755.50 W	1.99	1000.99
10079.00	17.70	231.30	9916.56	662.59 S	763.27 W	2.78	1010.73
10111.00	17.50	232.80	9947.07	668.54 S	770.90 W	1.55	1020.39
10143.00	17.10	231.70	9977.62	674.36 S	778.42 W	1.61	1029.89
10175.00	16.60	233.80	10008.25	679.98 S	785.80 W	2.46	1039.15
10207.00	17.10	234.90	10038.87	685.38 S	793.34 W	1.85	1048.39
10239.00	17.70	237.00	10069.41	690.74 S	801.27 W	2.71	1057.90
10271.00	17.80	237.70	10099.88	696.00 S	809.48 W	0.74	1067.56
10303.00	17.50	235.90	10130.38	701.31 S	817.60 W	1.95	1077.18
10336.00	17.10	235.80	10161.89	706.82 S	825.72 W	1.22	1086.93
10368.00	17.60	235.20	10192.43	712.23 S	833.59 W	1.66	1096.42
10400.00	17.70	234.90	10222.92	717.79 S	841.54 W	0.42	1106.07
10432.00	18.30	235.60	10253.36	723.42 S	849.66 W	1.99	1115.91
10464.00	18.80	235.60	10283.69	729.17 S	858.06 W	1.56	1126.03
10496.00	18.50	236.30	10314.01	734.90 S	866.54 W	1.17	1136.19
10528.00	18.50	233.40	10344.36	740.75 S	874.84 W	2.88	1146.30
10560.00	18.50	229.60	10374.71	747.06 S	882.78 W	3.77	1156.44
10592.00	18.80	227.10	10405.03	753.86 S	890.43 W	2.67	1166.67
10624.00	18.30	228.20	10435.37	760.72 S	897.95 W	1.91	1176.84
10656.00	17.40	229.90	10465.83	767.15 S	905.36 W	3.25	1186.65
10687.00	17.10	226.40	10495.43	773.28 S	912.20 W	3.48	1195.84
10719.00	17.80	225.70	10525.96	779.94 S	919.11 W	2.28	1205.42
10751.00	18.10	227.50	10556.40	786.72 S	926.28 W	1.97	1215.27
10783.00	17.80	227.50	10586.84	793.38 S	933.55 W	0.94	1225.12
10815.00	16.80	228.50	10617.40	799.75 S	940.62 W	3.26	1234.64
10847.00	17.50	226.30	10647.97	806.14 S	947.56 W	2.98	1244.06
10879.00	18.30	224.00	10678.42	813.08 S	954.53 W	3.34	1253.87
10911.00	19.20	221.50	10708.73	820.63 S	961.50 W	3.77	1264.09
10943.00	19.00	221.80	10738.96	828.45 S	968.46 W	0.70	1274.46
10975.00	18.90	222.90	10769.23	836.13 S	975.46 W	1.16	1284.78
11007.00	18.70	222.50	10799.52	843.71 S	982.46 W	0.74	1295.02
11039.00	18.50	222.90	10829.85	851.21 S	989.38 W	0.74	1305.16
11071.00	18.70	222.50	10860.18	858.72 S	996.30 W	0.74	1315.29
11103.00	18.50	223.60	10890.51	866.17 S	1003.27 W	1.26	1325.44
11135.00	18.50	224.00	10920.86	873.50 S	1010.29 W	0.40	1335.54
11172.00	18.50	224.00	10955.94	881.95 S	1018.45 W	0.00	1347.23
11191.00	18.50	224.00	10973.96	886.28 S	1022.64 W	0.00	1353.23

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1353.25 on azimuth 229.09 degrees from wellhead.
Vertical section is from N 0.00 W 0.00 on azimuth 229.37 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

580 WESTLAKE PARK BLVD., SUITE 600

HOUSTON, TEXAS 77079

281/677-2800

FAX 281/677-2810

ST. MARY LAND & EXPLORATION COMPANY

December 2, 2004

Overnight Express Mail and faxed

30-015-10329

Oil Conservation Department
1301 W. Grand Avenue
Artesia, NM 88210
Attn: Bryan G. Arrant

RECEIVED
DEC - 8 2004
OCD-ARTESIA

RE: East Burton Flats State 36 #1S Well
SE/4 of Section 36-19S-29E
Eddy County, New Mexico

Dear Mr. Arrant:

Pursuant to our conversation of November 18th and further to your letter dated August 27, 2004 regarding the captioned well, please find enclosed the following:

- Borehole compensated Sonic Log / GR.
- Platform Express Azimuthal Laterlog Micro-CFL / GR.
- Scientific Drilling directional survey from surface to 8800' MD.
- Baker Hughes INTEQ direction survey from surface to TD of 11,1191'MD.
- Amended Form C-102 showing the actual BHL and Pool Name.
- Form C-104.
- Copies of several well tests taken over a period of time showing that this well will be classified as an gas well if/when the well is hooked up to permanent sales line and surface facilities.

As you are aware, we have been producing small quantities of oil into a rented frac tank located at the well site. We want to release the frac tank in order to stop incurring the monthly rental; our request is for a temporary allowable and authorization to transport. Within the next 30-45 days (depending on the availability of equipment and crews), we will either plug this well or hook it up to the low pressure Duke Energy gathering line and set a permanent tank battery.

Do not hesitate to contact me at 281.677.2793 should you have questions or require anything further in this regard.

Sincerely,

L. Scott Hammond
Senior Landman