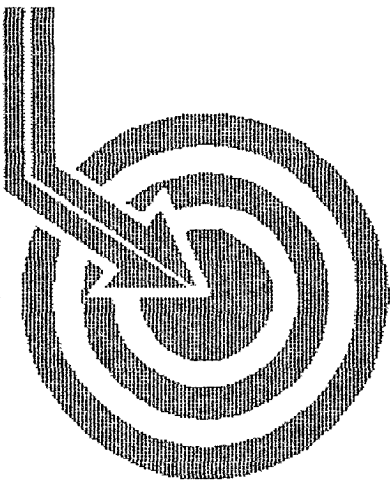




Scientific Drilling

30-015-37628

DEVON ENERGY

Field: Willow Lake
Site: Eddy County, NM
Well: Cooter 16 State #3H
Wellpath: VH - Job #32K0610455
Survey: 06/17/10

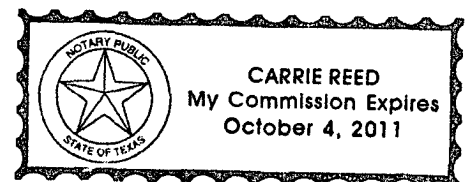


This survey is correct to the best of my knowledge and is supported by actual field data.

Richard
Company Representative

Notarized this date 20th of July, 2010.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International, Inc.

Survey Report

Company: DEVON ENERGY
Field: Willow Lake
Site: Eddy County, NM
Well: Cooter 16 State #3H
Wellpath: VH - Job #32K0610455

Date: 6/22/2010 Time: 09:17:34 Page: 1
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,182.13Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 06/17/10 Start Date: 6/17/2010
KSRG 0'-6509'
Company: Scientific Drilling Internatio Engineer: Madrid/Renteria/Lopez
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
0.0	0.00	359.82	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.52	252.27	100.0	0.2	-0.1	-0.4	0.52	0.5	252.27
200.0	0.50	245.53	200.0	0.5	-0.5	-1.3	0.06	1.3	250.08
300.0	0.51	267.40	300.0	0.7	-0.7	-2.1	0.19	2.2	252.63
400.0	0.50	280.74	400.0	0.7	-0.6	-3.0	0.12	3.0	258.66
500.0	0.41	286.45	500.0	0.6	-0.4	-3.7	0.10	3.8	263.69
600.0	0.59	316.58	600.0	0.1	0.1	-4.4	0.31	4.4	270.79
700.0	0.99	47.48	700.0	-0.9	1.0	-4.2	1.16	4.3	283.75
800.0	0.77	56.66	800.0	-1.9	2.0	-3.0	0.26	3.6	303.63
900.0	1.04	32.68	899.9	-3.0	3.1	-1.9	0.46	3.6	328.36
1000.0	0.90	34.56	999.9	-4.5	4.5	-1.0	0.14	4.6	347.78
1100.0	0.74	33.90	1099.9	-5.7	5.7	-0.2	0.16	5.7	358.27
1200.0	0.75	359.96	1199.9	-6.9	6.9	0.2	0.43	6.9	1.56
1300.0	0.84	358.30	1299.9	-8.3	8.3	0.2	0.09	8.3	1.15
1400.0	0.97	351.72	1399.9	-9.8	9.8	0.0	0.17	9.8	0.13
1500.0	0.91	350.56	1499.9	-11.5	11.5	-0.2	0.06	11.5	358.85
1600.0	0.83	351.28	1599.9	-12.9	13.0	-0.5	0.08	13.0	357.92
1700.0	0.78	334.52	1699.9	-14.3	14.3	-0.9	0.24	14.3	356.51
1800.0	0.69	337.21	1799.9	-15.4	15.5	-1.4	0.10	15.5	354.83
1900.0	0.44	325.89	1899.8	-16.3	16.3	-1.8	0.27	16.4	353.55
2000.0	0.50	323.02	1999.8	-16.9	17.0	-2.3	0.06	17.2	352.21
2100.0	0.49	302.25	2099.8	-17.5	17.6	-2.9	0.18	17.8	350.48
2200.0	0.30	340.81	2199.8	-17.9	18.1	-3.4	0.32	18.4	349.35
2300.0	0.80	100.07	2299.8	-18.1	18.2	-2.8	0.98	18.4	351.26
2400.0	1.49	99.28	2399.8	-17.8	17.9	-0.8	0.69	17.9	357.35
2500.0	1.52	101.26	2499.8	-17.4	17.4	1.8	0.06	17.5	5.78
2600.0	2.13	112.40	2599.7	-16.6	16.4	4.8	0.70	17.1	16.23
2700.0	2.71	112.17	2699.6	-15.1	14.8	8.7	0.58	17.2	30.38
2800.0	2.72	115.19	2799.5	-13.4	12.9	13.0	0.14	18.3	45.24
2900.0	2.36	108.23	2899.4	-11.9	11.3	17.1	0.47	20.5	56.67
3000.0	1.77	113.10	2999.4	-10.8	10.0	20.5	0.62	22.8	63.97
3100.0	1.63	117.69	3099.3	-9.6	8.7	23.2	0.20	24.8	69.33
3200.0	1.38	115.49	3199.3	-8.5	7.6	25.5	0.26	26.6	73.49
3300.0	1.18	113.54	3299.3	-7.7	6.6	27.6	0.20	28.3	76.46
3400.0	0.85	117.47	3399.2	-7.0	5.9	29.2	0.34	29.7	78.60
3500.0	0.72	108.51	3499.2	-6.5	5.3	30.4	0.18	30.9	80.04
3600.0	0.55	85.67	3599.2	-6.3	5.2	31.5	0.30	31.9	80.66
3700.0	0.33	61.85	3699.2	-6.5	5.3	32.2	0.28	32.7	80.58
3800.0	0.20	131.73	3799.2	-6.6	5.4	32.6	0.32	33.0	80.65
3900.0	0.02	289.56	3899.2	-6.5	5.3	32.7	0.22	33.1	80.87
4000.0	0.15	303.21	3999.2	-6.5	5.3	32.6	0.13	33.0	80.70
4100.0	0.31	290.70	4099.2	-6.7	5.5	32.2	0.17	32.7	80.31
4200.0	0.39	283.46	4199.2	-6.8	5.7	31.6	0.09	32.2	79.83
4300.0	0.54	276.54	4299.2	-7.0	5.8	30.8	0.16	31.4	79.33
4400.0	0.62	283.10	4399.2	-7.1	6.0	29.9	0.10	30.4	78.66
4500.0	0.63	297.59	4499.2	-7.4	6.4	28.8	0.16	29.5	77.56
4600.0	0.80	284.00	4599.2	-7.8	6.8	27.7	0.24	28.5	76.22
4700.0	0.84	278.46	4699.2	-8.0	7.1	26.3	0.09	27.2	74.95
4800.0	0.82	269.29	4799.2	-8.1	7.2	24.8	0.13	25.8	73.91



Scientific Drilling International, Inc.

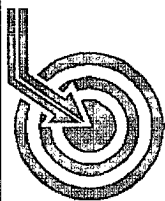
Survey Report

Company: DEVON ENERGY
Field: Willow Lake
Site: Eddy County, NM
Well: Cooter 16 State #3H
Wellpath: VH - Job #32K0610455

Date: 6/22/2010 Time: 09:17:34 Page: 2
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,182.13Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

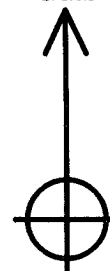
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	0.82	275.76	4899.2	-8.1	7.2	23.4	0.09	24.5	72.84
5000.0	0.60	259.34	4999.2	-8.0	7.2	22.2	0.30	23.3	72.01
5100.0	0.36	239.56	5099.2	-7.7	6.9	21.4	0.29	22.5	72.01
5200.0	0.49	263.25	5199.2	-7.5	6.7	20.7	0.22	21.8	71.97
5300.0	0.58	241.83	5299.2	-7.2	6.4	19.8	0.22	20.8	71.99
5400.0	0.63	238.87	5399.1	-6.6	5.9	18.9	0.06	19.8	72.61
5500.0	0.50	241.83	5499.1	-6.1	5.4	18.1	0.13	18.9	73.25
5600.0	0.60	214.26	5599.1	-5.4	4.8	17.4	0.28	18.0	74.57
5700.0	0.56	203.50	5699.1	-4.5	3.9	16.9	0.12	17.3	76.95
5800.0	0.54	195.17	5799.1	-3.6	3.0	16.6	0.08	16.8	79.70
5900.0	0.49	208.01	5899.1	-2.8	2.2	16.2	0.13	16.4	82.36
6000.0	0.67	194.41	5999.1	-1.8	1.2	15.9	0.23	15.9	85.56
6100.0	0.61	208.17	6099.1	-0.8	0.2	15.5	0.16	15.5	89.27
6200.0	0.61	204.72	6199.1	0.2	-0.8	15.0	0.04	15.0	92.87
6300.0	0.70	206.80	6299.1	1.2	-1.8	14.5	0.09	14.6	97.00
6400.0	0.84	202.49	6399.1	2.5	-3.0	14.0	0.15	14.3	102.14
6500.0	0.64	215.55	6499.1	3.6	-4.1	13.4	0.26	14.0	107.20
6509.0	0.78	200.29	6508.1	3.7	-4.2	13.3	2.60	14.0	107.65



Scientific
Drilling

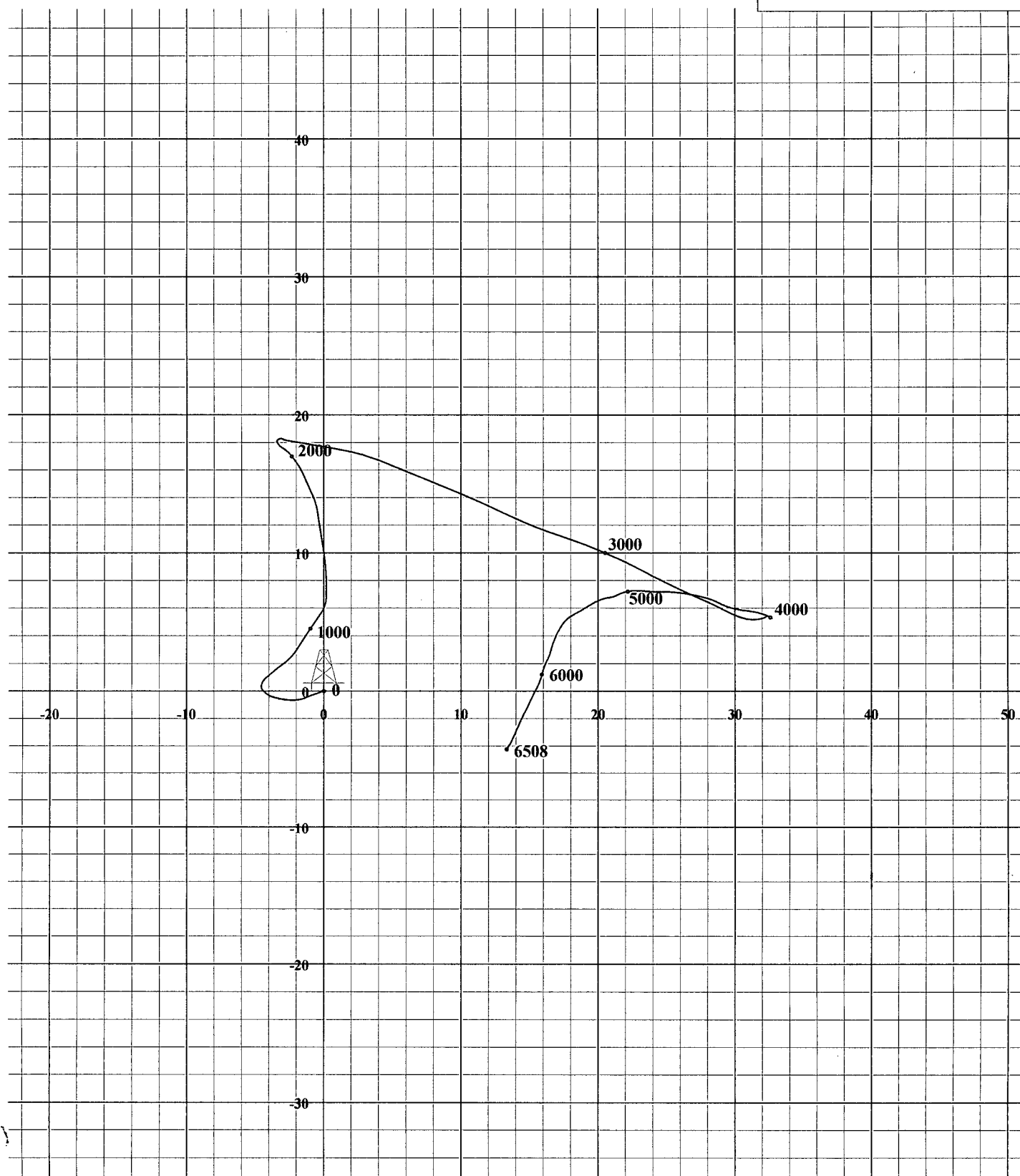
Field: Willow Lake
Site: Eddy County, NM
Well: Cooter 16 State #3H
Survey: 06/17/10

G/T/M



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°
Magnetic Field
Dip Angle: 0.00°
Date: 6/21/2010
Model: igrf2000

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



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