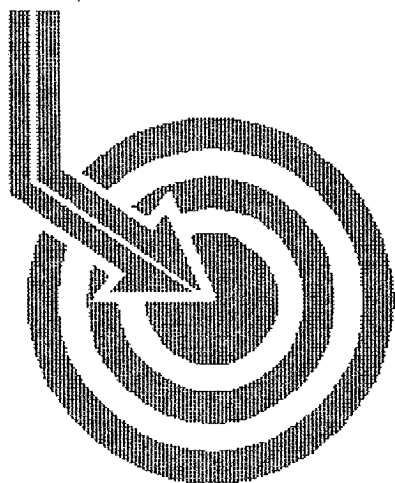




Scientific Drilling

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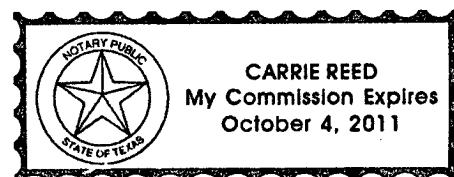
Field: Wildcat
Site: Eddy County, NM
Well: Elk Wallow 11 State #2H
Wellpath: VH - Job #32K0710510
Survey: 07/07/10

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

Richard
Company Representative

Notarized this date 4th of August, 2010.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International, Inc.

Survey Report

Company: EOG	Date: 7/12/2010	Time: 16:42:35	Page: 1
Field: Wildcat	Co-ordinate(NE) Reference:	Site: Eddy County, NM, True North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Elk Wallow 11 State #2H	Section (VS) Reference:	Well (0.00N,0.00E,179.84Azi)	
Wellpath: VH - Job #32K0710510	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 07/07/10	Start Date: 7/7/2010
Company: Scientific Drilling Internatio	Engineer: Madrid w/Dialog
Tool: Keeper,Keeper Surface Readout 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	359.80	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.64	225.72	100.0	0.4	-0.4	-0.4	0.64	0.6	225.72
200.0	0.91	211.70	200.0	1.5	-1.5	-1.2	0.33	1.9	219.90
300.0	1.14	210.91	300.0	3.0	-3.0	-2.1	0.23	3.7	215.71
400.0	1.16	219.74	400.0	4.6	-4.6	-3.3	0.18	5.7	215.59
500.0	1.22	226.15	499.9	6.1	-6.1	-4.7	0.15	7.7	217.57
600.0	1.32	232.80	599.9	7.5	-7.6	-6.4	0.18	9.9	220.24
700.0	1.28	231.74	699.9	8.9	-9.0	-8.2	0.05	12.1	222.48
800.0	1.35	229.18	799.9	10.4	-10.4	-10.0	0.09	14.4	223.74
900.0	1.33	223.45	899.8	12.0	-12.0	-11.7	0.14	16.7	224.10
1000.0	1.25	220.93	999.8	13.7	-13.7	-13.2	0.10	19.0	223.88
1100.0	1.15	210.02	1099.8	15.3	-15.4	-14.4	0.25	21.1	223.07
1200.0	1.06	181.95	1199.8	17.1	-17.2	-14.9	0.54	22.8	220.97
1300.0	1.13	166.10	1299.7	19.0	-19.1	-14.7	0.31	24.1	217.66
1400.0	1.40	119.88	1399.7	20.6	-20.6	-13.4	1.02	24.6	213.04
1500.0	1.60	118.48	1499.7	21.9	-21.9	-11.1	0.20	24.6	206.94
1600.0	0.30	168.32	1599.7	22.8	-22.8	-9.9	1.43	24.9	203.34
1700.0	0.21	185.83	1699.7	23.2	-23.3	-9.8	0.12	25.3	202.88
1800.0	0.17	142.72	1799.7	23.5	-23.6	-9.7	0.14	25.5	202.47
1900.0	0.38	172.24	1899.7	24.0	-24.0	-9.6	0.25	25.9	201.81
2000.0	0.82	200.51	1999.7	25.0	-25.0	-9.8	0.52	26.9	201.43
2100.0	1.17	205.41	2099.6	26.6	-26.6	-10.5	0.36	28.6	201.55
2200.0	1.40	214.11	2199.6	28.5	-28.5	-11.6	0.30	30.8	202.17
2300.0	1.53	218.45	2299.6	30.6	-30.6	-13.1	0.17	33.3	203.25
2400.0	1.17	239.22	2399.6	32.1	-32.2	-14.9	0.60	35.4	204.79
2500.0	0.79	149.21	2499.6	33.2	-33.3	-15.4	1.41	36.7	204.80
2600.0	1.92	116.68	2599.5	34.6	-34.6	-13.5	1.32	37.2	201.34
2700.0	2.39	115.89	2699.5	36.3	-36.3	-10.2	0.47	37.7	195.63
2800.0	2.54	116.27	2799.4	38.2	-38.2	-6.3	0.15	38.7	189.36
2900.0	2.49	122.90	2899.3	40.3	-40.3	-2.5	0.30	40.4	183.52
3000.0	1.31	125.53	2999.2	42.2	-42.2	0.3	1.18	42.2	179.63
3100.0	0.63	113.69	3099.2	43.1	-43.1	1.7	0.71	43.1	177.73
3200.0	0.44	151.56	3199.2	43.6	-43.6	2.4	0.39	43.7	176.86
3300.0	0.57	137.35	3299.2	44.3	-44.3	2.9	0.18	44.4	176.24
3400.0	0.61	151.74	3399.2	45.2	-45.2	3.5	0.15	45.3	175.56
3500.0	0.57	132.06	3499.2	46.0	-46.0	4.1	0.21	46.1	174.87
3600.0	0.66	149.98	3599.2	46.8	-46.8	4.8	0.21	47.0	174.16
3700.0	0.41	141.51	3699.2	47.6	-47.6	5.3	0.26	47.9	173.65
3800.0	0.47	122.96	3799.2	48.1	-48.1	5.9	0.15	48.4	173.05
3900.0	0.24	111.38	3899.2	48.4	-48.4	6.4	0.24	48.8	172.46
4000.0	0.31	119.34	3999.2	48.6	-48.6	6.8	0.08	49.1	172.00
4100.0	0.22	81.90	4099.2	48.7	-48.7	7.3	0.19	49.2	171.52
4200.0	0.25	123.58	4199.2	48.8	-48.8	7.6	0.17	49.4	171.11
4300.0	0.19	77.78	4299.2	48.9	-48.9	8.0	0.18	49.5	170.73
4400.0	0.23	122.58	4399.2	49.0	-48.9	8.3	0.16	49.6	170.37
4500.0	0.17	65.35	4499.2	49.0	-49.0	8.6	0.20	49.7	170.03
4600.0	0.17	127.03	4599.2	49.0	-49.0	8.9	0.17	49.8	169.75
4700.0	0.12	2.89	4699.2	49.0	-49.0	9.0	0.26	49.8	169.61
4800.0	0.12	202.63	4799.2	49.0	-49.0	8.9	0.24	49.8	169.65



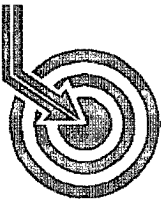
Scientific Drilling International, Inc.

Survey Report

Company: EOG	Date: 7/12/2010	Time: 16:42:35	Page: 2
Field: Wildcat	Co-ordinate(NE) Reference:	Site: Eddy County, NM, True North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Elk Wallow 11 State #2H	Section (VS) Reference:	Well (0.00N,0.00E,179.84Azi)	
Wellpath: VH - Job #32K0710510	Survey Calculation Method:	Minimum Curvature	Db: Sybase

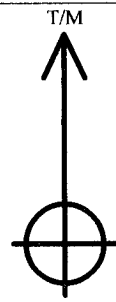
Survey

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	0.22	265.03	4899.2	49.1	-49.1	8.7	0.20	49.9	169.93
5000.0	0.17	225.47	4999.2	49.3	-49.2	8.4	0.14	49.9	170.29
5100.0	0.26	266.39	5099.2	49.4	-49.3	8.1	0.17	50.0	170.69
5200.0	0.35	262.36	5199.2	49.4	-49.4	7.6	0.09	50.0	171.30
5300.0	0.30	263.67	5299.2	49.5	-49.5	7.0	0.05	50.0	171.95
5400.0	0.62	284.61	5399.1	49.4	-49.4	6.2	0.36	49.8	172.83
5500.0	0.81	2.19	5499.1	48.5	-48.5	5.7	0.91	48.9	173.28
5600.0	2.95	51.89	5599.1	46.2	-46.2	7.8	2.50	46.9	170.46
5700.0	2.52	60.50	5699.0	43.6	-43.6	11.7	0.59	45.1	164.96
5800.0	2.03	56.37	5798.9	41.5	-41.5	15.1	0.52	44.2	160.01
5900.0	1.76	61.10	5898.8	39.8	-39.8	17.9	0.31	43.6	155.75
6000.0	1.25	68.69	5998.8	38.7	-38.6	20.3	0.55	43.6	152.31
6100.0	0.75	82.29	6098.8	38.2	-38.1	21.9	0.55	44.0	150.09
6200.0	0.81	90.51	6198.8	38.1	-38.1	23.3	0.13	44.6	148.53
6300.0	0.56	90.71	6298.8	38.1	-38.1	24.5	0.25	45.3	147.25
6400.0	0.58	105.32	6398.8	38.3	-38.2	25.5	0.15	45.9	146.32
6500.0	0.36	149.05	6498.8	38.7	-38.6	26.1	0.41	46.6	145.93
6600.0	0.22	184.79	6598.8	39.2	-39.1	26.3	0.22	47.1	146.10
6700.0	0.17	159.72	6698.8	39.5	-39.4	26.3	0.10	47.4	146.29
6800.0	0.16	188.73	6798.8	39.8	-39.7	26.3	0.08	47.6	146.44
6900.0	0.07	198.26	6898.8	40.0	-39.9	26.3	0.09	47.8	146.61
7000.0	0.68	292.60	6998.8	39.8	-39.7	25.7	0.69	47.3	147.07
7100.0	2.04	292.11	7098.7	38.9	-38.8	23.5	1.36	45.4	148.78
7200.0	2.86	287.99	7198.6	37.4	-37.4	19.5	0.84	42.2	152.45
7300.0	2.89	278.11	7298.5	36.3	-36.2	14.6	0.50	39.1	158.02
7400.0	2.75	271.63	7398.4	35.9	-35.8	9.7	0.35	37.1	164.79
7500.0	3.08	270.18	7498.3	35.8	-35.7	4.7	0.34	36.0	172.58
7600.0	3.51	264.96	7598.1	36.0	-36.0	-1.1	0.52	36.0	181.72
7700.0	3.36	263.26	7697.9	36.6	-36.6	-7.0	0.18	37.3	190.88
7800.0	2.89	269.82	7797.8	36.9	-37.0	-12.5	0.59	39.0	198.64
7900.0	3.74	269.35	7897.6	37.0	-37.0	-18.3	0.85	41.3	206.25
7981.0	3.67	272.98	7978.4	36.8	-36.9	-23.5	0.30	43.8	212.47



Scientific
Drilling

Field: Wildcat
Site: Eddy County, NM
Well: Elk Wallow 11 State #2H
Survey: 07/07/10



Azimuths to True North
Magnetic North: 0.00°

Strength: 0nT
Date: 7/12/2010
Model: igrf2000

West(-)/East(+) [10ft/in]

South(-)/North(+) [10ft/in]

