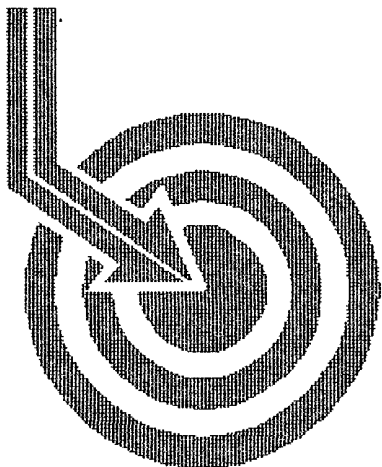




Scientific Drilling

RECEIVED

JUL 28 2010

HOBBSOCD

EOG

Field: Red Hills Bone Springs
Site: Lea County, NM
Well: Lomas Rojas 26 State Com #2H
Wellpath: VH - Job #32K0510330
Survey: 05/04/10

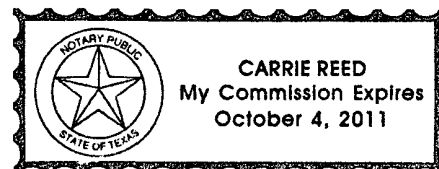
SUR: N-26-25s-33e, 330/S & 1850/W
BHL: C-26-25s-33e, 4919/S & 1731/W
API # 30-025=39701

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

Richard
Company Representative

Notarized this date 2nd of June, 2010.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International, Inc.

Survey Report

Company: EOG	Date: 5/8/2010	Time: 11:33:03	Page: 1
Field: Red Hills Bone Springs	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Lomas Rojas 26 State Com #2H	Section (VS) Reference:	Well (0.00N,0.00E,358.32Azi)	
Wellpath: VH - Job #32K0510330	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 05/04/10	Start Date: 5/4/2010
Company: Scientific Drilling Internatio	Engineer: Schafernock w/Renegade
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	359.58	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.32	338.74	100.0	0.3	0.3	-0.1	0.32	0.3	338.74
200.0	0.30	11.98	200.0	0.8	0.8	-0.1	0.18	0.8	349.20
300.0	0.28	26.18	300.0	1.3	1.3	0.0	0.07	1.3	0.64
400.0	0.30	60.38	400.0	1.6	1.6	0.3	0.17	1.6	12.31
500.0	0.42	59.49	500.0	1.9	1.9	0.9	0.12	2.1	24.98
600.0	0.36	46.76	600.0	2.3	2.3	1.4	0.11	2.7	31.81
700.0	0.33	40.91	700.0	2.7	2.8	1.9	0.05	3.3	34.00
800.0	0.29	39.83	800.0	3.1	3.2	2.2	0.04	3.9	34.89
900.0	0.30	52.89	900.0	3.4	3.5	2.6	0.07	4.4	36.24
1000.0	0.19	46.86	1000.0	3.7	3.8	2.9	0.11	4.8	37.51
1100.0	0.15	53.63	1100.0	3.9	4.0	3.1	0.04	5.1	38.23
1200.0	0.16	66.25	1200.0	4.0	4.1	3.4	0.04	5.3	39.31
1300.0	0.29	77.29	1300.0	4.1	4.2	3.7	0.14	5.6	41.53
1400.0	0.23	82.47	1400.0	4.2	4.3	4.2	0.06	6.0	44.20
1500.0	0.19	81.54	1500.0	4.2	4.4	4.5	0.04	6.3	46.25
1600.0	0.22	84.98	1600.0	4.3	4.4	4.9	0.03	6.6	48.13
1700.0	0.26	105.58	1700.0	4.2	4.4	5.3	0.09	6.9	50.68
1800.0	0.25	90.85	1800.0	4.1	4.3	5.8	0.07	7.2	53.29
1900.0	0.19	86.84	1900.0	4.1	4.3	6.1	0.06	7.5	55.01
2000.0	0.21	100.48	2000.0	4.1	4.3	6.5	0.05	7.8	56.62
2100.0	0.12	94.26	2100.0	4.0	4.2	6.8	0.09	8.0	57.99
2200.0	0.13	98.41	2200.0	4.0	4.2	7.0	0.01	8.1	58.94
2300.0	0.13	70.54	2300.0	4.0	4.2	7.2	0.06	8.3	59.59
2400.0	0.19	61.33	2400.0	4.1	4.3	7.5	0.07	8.6	59.77
2500.0	0.28	57.30	2500.0	4.3	4.6	7.8	0.09	9.0	59.73
2600.0	0.33	63.46	2600.0	4.6	4.8	8.3	0.06	9.6	59.78
2700.0	0.43	58.17	2700.0	4.9	5.1	8.8	0.11	10.2	59.83
2800.0	0.57	61.82	2800.0	5.3	5.6	9.6	0.14	11.1	59.86
2900.0	0.56	64.44	2900.0	5.7	6.0	10.5	0.03	12.1	60.13
3000.0	0.78	54.53	3000.0	6.3	6.6	11.5	0.25	13.3	60.00
3100.0	1.02	68.46	3099.9	7.0	7.3	12.9	0.32	14.8	60.25
3200.0	1.20	69.13	3199.9	7.6	8.0	14.7	0.18	16.7	61.24
3300.0	1.22	68.07	3299.9	8.3	8.8	16.6	0.03	18.8	62.07
3400.0	1.35	69.25	3399.9	9.1	9.6	18.7	0.13	21.1	62.77
3500.0	1.27	67.36	3499.9	9.9	10.5	20.8	0.09	23.3	63.31
3600.0	1.29	71.33	3599.8	10.6	11.3	22.9	0.09	25.6	63.84
3700.0	1.31	71.85	3699.8	11.2	12.0	25.1	0.02	27.8	64.47
3800.0	1.46	73.08	3799.8	11.9	12.7	27.4	0.15	30.2	65.11
3900.0	1.77	70.39	3899.7	12.7	13.6	30.1	0.32	33.0	65.67
4000.0	1.94	69.91	3999.7	13.7	14.7	33.1	0.17	36.2	66.06
4100.0	1.90	69.84	4099.6	14.8	15.8	36.3	0.04	39.6	66.39
4200.0	1.74	67.39	4199.6	15.8	17.0	39.2	0.18	42.7	66.56
4300.0	1.80	66.95	4299.5	17.0	18.2	42.1	0.06	45.8	66.60
4400.0	1.96	75.54	4399.5	17.9	19.2	45.2	0.32	49.1	66.92
4500.0	2.21	80.05	4499.4	18.6	20.0	48.7	0.30	52.7	67.67
4600.0	2.33	83.99	4599.3	19.0	20.6	52.6	0.20	56.5	68.67
4700.0	3.00	96.01	4699.2	18.8	20.5	57.3	0.87	60.8	70.31
4800.0	3.33	100.48	4799.1	17.8	19.7	62.7	0.41	65.7	72.57



Scientific Drilling International, Inc.

Survey Report

Company: EOG	Date: 5/8/2010	Time: 11:33:03	Page: 2
Field: Red Hills Bone Springs	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Lomas Rojas 26 State Com #2H	Section (VS) Reference:	Well (0.00N,0.00E,358.32Azi)	
Wellpath: VH - Job #32K0510330	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	3.37	100.58	4898.9	16.6	18.6	68.5	0.04	71.0	74.79
5000.0	3.17	102.50	4998.7	15.3	17.5	74.1	0.23	76.1	76.72
5100.0	2.91	102.48	5098.6	14.0	16.3	79.2	0.26	80.9	78.35
5200.0	2.86	102.33	5198.5	12.8	15.3	84.1	0.05	85.5	79.73
5300.0	2.94	100.78	5298.3	11.6	14.2	89.1	0.11	90.2	80.92
5400.0	2.97	99.37	5398.2	10.6	13.3	94.2	0.08	95.1	81.94
5500.0	2.83	98.45	5498.1	9.6	12.6	99.2	0.15	100.0	82.79
5600.0	2.64	97.40	5598.0	8.8	11.9	103.9	0.20	104.6	83.47
5700.0	2.38	95.75	5697.9	8.2	11.4	108.3	0.27	108.8	83.99
5800.0	2.39	94.02	5797.8	7.7	11.0	112.4	0.07	112.9	84.39
5900.0	2.38	93.63	5897.7	7.3	10.8	116.5	0.02	117.0	84.73
6000.0	2.19	92.81	5997.6	7.0	10.5	120.5	0.19	121.0	85.01
6100.0	2.29	92.49	6097.5	6.7	10.4	124.4	0.10	124.9	85.24
6200.0	2.20	91.34	6197.5	6.5	10.2	128.3	0.10	128.8	85.45
6300.0	2.26	92.22	6297.4	6.2	10.1	132.2	0.07	132.6	85.63
6400.0	2.30	90.26	6397.3	6.0	10.0	136.2	0.09	136.6	85.80
6500.0	2.35	91.42	6497.2	5.8	10.0	140.3	0.07	140.6	85.94
6600.0	2.43	91.22	6597.1	5.6	9.9	144.4	0.08	144.8	86.10
6700.0	2.30	89.67	6697.1	5.5	9.8	148.6	0.14	148.9	86.22
6800.0	2.41	90.60	6797.0	5.3	9.8	152.7	0.12	153.0	86.32
6900.0	2.35	89.05	6896.9	5.2	9.8	156.8	0.09	157.1	86.41
7000.0	2.43	89.20	6996.8	5.2	9.9	161.0	0.08	161.3	86.48
7100.0	2.37	92.10	7096.7	5.0	9.8	165.2	0.14	165.5	86.59
7200.0	2.20	92.05	7196.6	4.7	9.7	169.2	0.17	169.4	86.72
7300.0	1.88	95.88	7296.6	4.4	9.5	172.7	0.35	173.0	86.86
7400.0	1.97	96.21	7396.5	3.9	9.1	176.1	0.09	176.3	87.04
7500.0	1.88	97.60	7496.5	3.4	8.7	179.4	0.10	179.6	87.22
7600.0	1.73	105.63	7596.4	2.7	8.1	182.5	0.29	182.7	87.46
7700.0	1.60	106.15	7696.4	1.9	7.3	185.3	0.13	185.4	87.75
7800.0	1.70	106.70	7796.3	1.0	6.5	188.0	0.10	188.1	88.03
7900.0	1.65	105.35	7896.3	0.1	5.7	190.8	0.06	190.9	88.30
8000.0	1.69	103.66	7996.2	-0.7	4.9	193.7	0.06	193.7	88.54
8100.0	1.69	105.25	8096.2	-1.6	4.2	196.5	0.05	196.6	88.78
8200.0	1.62	105.05	8196.1	-2.4	3.4	199.3	0.07	199.3	89.01
8300.0	1.57	105.77	8296.1	-3.2	2.7	202.0	0.05	202.0	89.23
8400.0	1.41	111.79	8396.1	-4.1	1.9	204.4	0.22	204.5	89.47
8500.0	1.41	116.61	8496.0	-5.2	0.9	206.7	0.12	206.7	89.76
8600.0	1.34	116.60	8596.0	-6.3	-0.2	208.8	0.07	208.8	90.06
8700.0	1.19	122.94	8696.0	-7.5	-1.3	210.8	0.20	210.8	90.35
8800.0	1.13	133.87	8796.0	-8.8	-2.5	212.3	0.23	212.3	90.69
8900.0	1.08	136.27	8896.0	-10.2	-3.9	213.7	0.07	213.7	91.05
9000.0	0.96	154.86	8995.9	-11.6	-5.3	214.7	0.35	214.8	91.43
9100.0	0.46	187.49	9095.9	-12.8	-6.5	215.0	0.62	215.1	91.73
9200.0	0.62	191.53	9195.9	-13.7	-7.4	214.8	0.16	215.0	91.98
9300.0	0.55	204.04	9295.9	-14.7	-8.4	214.5	0.15	214.7	92.24
9400.0	1.05	210.62	9395.9	-15.9	-9.6	213.9	0.51	214.1	92.58
9500.0	1.65	196.60	9495.9	-18.0	-11.8	213.0	0.68	213.3	93.17
9600.0	1.57	196.42	9595.8	-20.7	-14.5	212.2	0.08	212.7	93.91
9700.0	0.73	173.64	9695.8	-22.6	-16.4	211.9	0.94	212.5	94.44
9800.0	1.09	82.76	9795.8	-23.2	-16.9	212.9	1.32	213.6	94.55
9900.0	1.78	75.05	9895.8	-22.7	-16.4	215.3	0.71	216.0	94.36
10000.0	1.52	83.25	9995.7	-22.3	-15.9	218.2	0.35	218.7	94.16



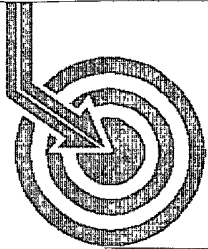
Scientific Drilling International, Inc.

Survey Report

Company: EOG Date: 5/8/2010 Time: 11:33:03 Page: 3
Field: Red Hills Bone Springs Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Site: Lea County, NM Vertical (TVD) Reference: SITE 0.0
Well: Lomas Rojas 26 State Com #2H Section (VS) Reference: Well (0.00N,0.00E,358.32Azi)
Wellpath: VH - Job #32K0510330 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

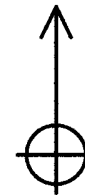
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
10100.0	1.34	100.99	10095.7	-22.4	-15.9	220.6	0.48	221.2	94.13
10200.0	1.03	107.65	10195.7	-23.0	-16.4	222.6	0.34	223.2	94.22
10300.0	1.21	47.19	10295.7	-22.6	-16.0	224.3	1.14	224.8	94.08
10340.0	1.07	34.74	10335.7	-22.0	-15.4	224.8	0.71	225.3	93.92



**Scientific
Drilling**

**Field: Red Hills Bone Springs
Site: Lea County, NM
Well: Lomas Rojas 26 State Com #2H
Survey: 05/04/10**

G/T/M



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°
Magnetic Field
Dip Angle: 0.00°
Date: 5/8/2010
Model: igrf2000

