

Results of Directional Survey

API number:	30-025-39703		
OGRID:		Operator:	EOG RESOURCES INC
		Property:	LOMAS ROJAS 26 STATE COM # 4H

surface	ULSTR:	O	26	T	25S	R	33E
				330	FSL	1350	FEL

BH Loc	ULSTR:	B	26	T	25S	R	33E
13850	MD	9442.6	TVD	4903	FSL	1391	FEL

Top Perf/OH	ULSTR:	O	26	T	25S	R	33E
9910	MD	9447.9	TVD	968	FSL	1220	FEL

Bot Perf/OH	ULSTR:	B	26	T	25S	R	33E
13727	MD	9445.9	TVD	4780	FSL	1392	FEL

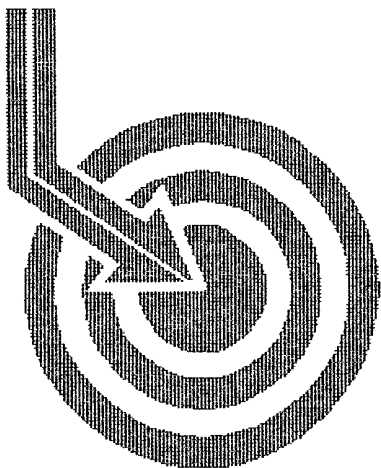
	MD	N/S	E/W	VD
	9857	585.01	131.65	9447.12
TOP PERFS/OH	9910	637.98	130.14	9447.85
	9951	678.96	128.97	9448.42
	13665	4387.62	-42.78	9447.23
BOT PERFS/OH	13727	4449.60	-42.11	9445.85
	13761	4483.59	-41.75	9445.09

NEXT TO LAST	13761	4483.59	-41.75	9445.09
LAST READING	13802	4524.58	-41.52	9443.92
TD	13850	4572.57	-41.25	9442.55

Surface Location	330	FS	1350	FE
Projected BHL	4903	FS	1391	FE
Location of				
Top Perfs/OH	968	FS	1220	FE
Bottom Perfs/OH	4780	FS	1392	FE

SUMMARY of Subsurface Locations

Surface Location	O-26-25S-33E	330	FS	1350	FE	Vert. Depth
Top Perfs/OH	O-26-25S-33E	968	FS	1220	FE	9447.85
Bottom Perfs/OH	B-26-25S-33E	4780	FS	1392	FE	9445.85
Projected TD	B-26-25S-33E	4903	FS	1391	FE	9442.55



Scientific Drilling

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Field: Red Hills Bone Springs
Site: Lea County, NM
Well: Lomas Rojas 26 State Com #4H
Wellpath: VH - Job #32K0410283
Survey: 04/23/10

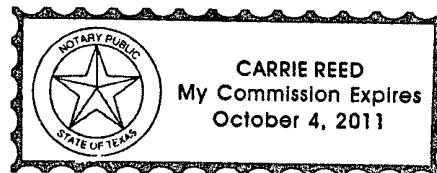
SUR @ O-26-25s-33e, 330/S & 1350/E
BHL @ B-26-25s-33e, 4903/S & 1391/E
API # 30-025-39703

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

R. Wharton
Company Representative

Notarized this date 20th of May, 2010.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International, Inc.

Survey Report

Company: EOG	Date: 4/29/2010	Time: 15:30:39	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 #4H	Section (VS) Reference:	Well (0.00N,0.00E,111.97Azi)	
Wellpath: VH - Job #32K0410283	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 04/23/10	Start Date: 4/23/2010
KSRG 0'-9888'	
Company: Scientific Drilling Internatio	Engineer: Schafermocker/Williams/Renteri
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	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.63	198.74	100.0	0.0	-0.5	-0.2	0.63	0.5	198.74
200.0	0.46	176.40	200.0	0.2	-1.4	-0.3	0.27	1.5	192.82
300.0	0.25	185.63	300.0	0.5	-2.1	-0.3	0.22	2.1	188.95
400.0	0.48	256.30	400.0	0.2	-2.4	-0.8	0.46	2.5	197.58
500.0	0.31	240.79	500.0	-0.3	-2.6	-1.4	0.20	3.0	208.16
600.0	0.38	252.44	600.0	-0.7	-2.8	-1.9	0.10	3.4	214.45
700.0	0.64	264.01	700.0	-1.5	-3.0	-2.8	0.28	4.1	223.25
800.0	0.74	241.12	800.0	-2.4	-3.4	-3.9	0.29	5.2	229.48
900.0	0.69	242.96	900.0	-3.2	-4.0	-5.0	0.06	6.4	231.90
1000.0	0.66	229.90	1000.0	-3.9	-4.6	-6.0	0.16	7.6	232.62
1100.0	0.45	240.62	1100.0	-4.4	-5.2	-6.8	0.23	8.5	232.81
1200.0	0.56	265.89	1200.0	-5.1	-5.4	-7.6	0.25	9.3	234.77
1300.0	0.75	249.66	1299.9	-6.0	-5.7	-8.7	0.26	10.4	237.09
1400.0	0.72	254.24	1399.9	-7.0	-6.1	-10.0	0.07	11.6	238.70
1500.0	0.76	261.03	1499.9	-8.0	-6.3	-11.2	0.10	12.9	240.57
1600.0	0.65	273.16	1599.9	-9.1	-6.4	-12.4	0.18	14.0	242.77
1700.0	0.47	266.01	1699.9	-10.0	-6.4	-13.4	0.19	14.9	244.51
1800.0	0.40	281.44	1799.9	-10.8	-6.4	-14.2	0.14	15.5	245.84
1900.0	0.44	298.15	1899.9	-11.5	-6.1	-14.8	0.13	16.0	247.65
2000.0	0.34	296.25	1999.9	-12.2	-5.8	-15.4	0.10	16.5	249.45
2100.0	0.37	319.32	2099.9	-12.7	-5.4	-15.9	0.14	16.8	251.22
2200.0	0.25	323.61	2199.9	-13.2	-5.0	-16.3	0.12	17.0	252.93
2300.0	0.45	302.04	2299.9	-13.8	-4.6	-16.7	0.24	17.3	254.59
2400.0	0.39	359.11	2399.9	-14.3	-4.1	-17.1	0.40	17.5	256.61
2500.0	0.42	344.75	2499.9	-14.7	-3.4	-17.2	0.11	17.5	258.90
2600.0	0.74	42.83	2599.9	-14.6	-2.5	-16.8	0.63	17.0	261.41
2700.0	0.95	59.10	2699.9	-13.9	-1.6	-15.7	0.32	15.8	264.02
2800.0	0.85	57.16	2799.9	-13.0	-0.8	-14.3	0.10	14.4	266.76
2900.0	1.18	64.88	2899.9	-11.9	0.0	-12.8	0.36	12.8	270.12
3000.0	1.38	69.94	2999.8	-10.3	0.9	-10.7	0.23	10.8	274.68
3100.0	1.98	70.90	3099.8	-8.1	1.9	-8.0	0.60	8.2	283.13
3200.0	2.51	81.62	3199.7	-4.9	2.7	-4.2	0.67	5.0	303.40
3300.0	2.94	86.23	3299.6	-0.7	3.2	0.6	0.48	3.3	10.03
3400.0	3.19	86.79	3399.5	4.2	3.6	5.9	0.25	6.9	58.99
3500.0	3.26	89.22	3499.3	9.3	3.7	11.5	0.15	12.1	72.00
3600.0	2.67	86.66	3599.2	14.0	3.9	16.7	0.60	17.2	76.79
3700.0	2.54	91.08	3699.1	18.2	4.0	21.2	0.24	21.6	79.30
3800.0	2.26	87.43	3799.0	22.1	4.1	25.4	0.32	25.7	80.92
3900.0	2.31	89.70	3898.9	25.7	4.2	29.4	0.10	29.7	81.95
4000.0	2.33	86.44	3998.8	29.4	4.3	33.5	0.13	33.7	82.68
4100.0	2.21	85.65	4098.7	33.0	4.6	37.4	0.12	37.7	83.03
4200.0	1.87	84.09	4198.7	36.1	4.9	40.9	0.34	41.2	83.20
4300.0	2.08	79.83	4298.6	39.1	5.4	44.4	0.26	44.7	83.09
4400.0	2.05	83.32	4398.5	42.2	5.9	47.9	0.13	48.3	82.98
4500.0	2.46	90.25	4498.5	45.8	6.1	51.8	0.49	52.2	83.29
4600.0	2.42	90.92	4598.4	49.8	6.1	56.1	0.05	56.4	83.84
4700.0	2.71	97.15	4698.3	54.0	5.7	60.6	0.40	60.8	84.60
4800.0	3.14	106.06	4798.1	59.0	4.7	65.5	0.62	65.7	85.92



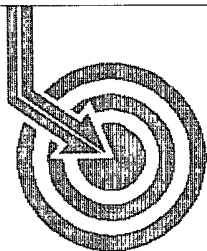
Scientific Drilling International, Inc.

Survey Report

Company: EOG	Date: 4/29/2010	Time: 15:30:39	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 #4H	Section (VS) Reference:	Well (0.00N,0.00E,111.97Azi)	
Wellpath: VH - Job #32K0410283	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

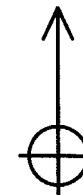
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	3.32	104.36	4898.0	64.6	3.2	71.0	0.20	71.0	87.42
5000.0	3.14	105.82	4997.8	70.2	1.7	76.4	0.20	76.4	88.70
5100.0	2.97	108.67	5097.7	75.5	0.2	81.5	0.23	81.5	89.89
5200.0	2.80	108.76	5197.6	80.5	-1.5	86.3	0.17	86.3	90.97
5300.0	2.81	108.12	5297.4	85.4	-3.0	90.9	0.03	91.0	91.89
5400.0	2.87	108.85	5397.3	90.4	-4.6	95.6	0.07	95.7	92.74
5500.0	2.64	108.23	5497.2	95.2	-6.1	100.2	0.23	100.4	93.49
5600.0	2.66	106.95	5597.1	99.8	-7.5	104.6	0.06	104.8	94.10
5700.0	2.56	106.37	5697.0	104.3	-8.8	108.9	0.10	109.3	94.62
5800.0	2.40	109.43	5796.9	108.6	-10.1	113.1	0.21	113.5	95.12
5900.0	2.41	110.06	5896.8	112.8	-11.6	117.0	0.03	117.6	95.64
6000.0	2.19	111.67	5996.7	116.8	-13.0	120.8	0.23	121.4	96.13
6100.0	1.98	108.49	6096.7	120.5	-14.2	124.2	0.24	125.0	96.54
6200.0	1.89	108.47	6196.6	123.8	-15.3	127.4	0.09	128.3	96.85
6300.0	1.69	107.50	6296.6	127.0	-16.3	130.3	0.20	131.4	97.11
6400.0	1.57	107.43	6396.5	129.8	-17.1	133.1	0.12	134.2	97.33
6500.0	1.52	110.76	6496.5	132.5	-18.0	135.6	0.10	136.8	97.56
6600.0	1.51	111.56	6596.4	135.1	-19.0	138.1	0.02	139.4	97.82
6700.0	1.61	108.10	6696.4	137.9	-19.9	140.6	0.14	142.0	98.04
6800.0	1.29	110.56	6796.4	140.4	-20.7	143.0	0.33	144.5	98.24
6900.0	1.46	108.89	6896.3	142.8	-21.5	145.3	0.17	146.9	98.42
7000.0	1.20	103.37	6996.3	145.1	-22.2	147.5	0.29	149.2	98.55
7100.0	1.08	113.09	7096.3	147.1	-22.8	149.4	0.23	151.1	98.67
7200.0	1.00	110.62	7196.3	148.9	-23.5	151.1	0.09	152.9	98.83
7300.0	1.05	115.98	7296.3	150.7	-24.2	152.7	0.11	154.6	98.99
7400.0	0.94	139.89	7396.3	152.3	-25.2	154.1	0.43	156.1	99.29
7500.0	0.79	151.71	7496.2	153.6	-26.4	154.9	0.23	157.2	99.68
7600.0	0.74	149.21	7596.2	154.6	-27.6	155.6	0.06	158.0	100.06
7700.0	0.76	141.43	7696.2	155.7	-28.7	156.3	0.10	158.9	100.39
7800.0	0.75	155.41	7796.2	156.7	-29.8	157.0	0.18	159.8	100.74
7900.0	0.76	178.89	7896.2	157.5	-31.0	157.3	0.31	160.3	101.16
8000.0	0.75	183.05	7996.2	158.0	-32.4	157.3	0.06	160.6	101.62
8100.0	0.94	168.55	8096.2	158.6	-33.8	157.4	0.28	161.0	102.12
8200.0	1.20	159.95	8196.2	159.8	-35.6	157.9	0.30	161.9	102.70
8300.0	1.07	167.97	8296.1	161.0	-37.5	158.5	0.20	162.8	103.31
8400.0	1.02	165.15	8396.1	162.0	-39.3	158.9	0.07	163.7	103.88
8500.0	1.12	169.11	8496.1	163.1	-41.1	159.3	0.12	164.5	104.46
8600.0	0.98	176.45	8596.1	164.0	-42.9	159.5	0.19	165.2	105.05
8700.0	0.68	179.38	8696.1	164.6	-44.3	159.6	0.30	165.7	105.53
8800.0	0.71	183.91	8796.1	165.0	-45.6	159.6	0.06	165.9	105.94
8900.0	0.69	168.32	8896.1	165.6	-46.8	159.6	0.19	166.4	106.33
9000.0	0.80	177.60	8996.1	166.2	-48.1	159.8	0.16	166.9	106.74
9100.0	0.95	193.45	9096.1	166.6	-49.6	159.6	0.28	167.2	107.25
9200.0	0.90	202.41	9196.0	166.7	-51.1	159.1	0.15	167.1	107.80
9300.0	0.68	192.82	9296.0	166.8	-52.4	158.7	0.26	167.1	108.27
9400.0	0.65	198.00	9396.0	166.9	-53.5	158.4	0.07	167.2	108.67
9500.0	1.00	223.41	9496.0	166.6	-54.7	157.6	0.50	166.8	109.13
9600.0	1.28	213.05	9596.0	166.1	-56.3	156.4	0.35	166.2	109.78
9700.0	1.28	219.22	9696.0	165.6	-58.1	155.1	0.14	165.6	110.52
9800.0	1.51	216.92	9795.9	164.9	-60.0	153.6	0.24	164.9	111.33
9888.8	0.94	202.43	9884.7	164.6	-61.6	152.6	0.73	164.6	111.97



**Scientific
Drilling**

Field: Red Hills Bone Springs
Site: Lea County, NM
Well: Lomas Rojas 26 State Com #4H
Survey: 04/23/10

G/T/M



Azimuths to Grid North
True North 0.00°
Magnetic North 0.00°
Magnetic Field
Dip Angle 0.00°
Date: 4/29/2010
Model igrf2000

