Scientific Drilling

SUR: D-26-25s-33e, 330/N & 430/W
BHL: M-26-25s-33e, 4845/N & 452/W
API # 30-025-39531

EOG

Field: Red Hills
Site: Lea County, NM
Well: Lomas Rojas 26 State Com #1H
Wellpath: VH - Job #32K1209537
Survey: 12/07/09

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

.....Company Representative

Notorized this date 31st of December, 2009.

Notary Signature
County of Midland
State of Texas

NOTARY PUBLIC STATE OF TEXAS
CARRIE REED
My Commission Expires
October 4, 2011

Scientific Drilling

Scientific Drilling International
Survey Report

Company:	EOG	**Date:** 12/09/2009	**Time:** 12:49:46	**Page:**	1
Field:	Red Hills	**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 #1H	**Section (VS) Reference:**	Well (0.00N,0.00E,179.55Azi)		
Wellpath:	VH - Job #32K1209537	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey:	12/07/09 KSRG 0'-6020'	**Start Date:**	12/07/2009
Company:	Scientific Drilling Internatio	**Engineer:**	Madrid w/Gray
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
0.00	0.00	359.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.21	298.21	100.00	-0.09	0.09	-0.16	0.21	0.18	298.21
200.00	0.30	312.50	200.00	-0.35	0.35	-0.52	0.11	0.62	304.16
300.00	0.49	306.33	300.00	-0.79	0.78	-1.05	0.19	1.31	306.53
400.00	0.66	278.96	399.99	-1.14	1.12	-1.97	0.32	2.27	299.73
500.00	0.77	270.01	499.98	-1.24	1.21	-3.21	0.16	3.43	290.72
600.00	0.80	274.31	599.97	-1.30	1.27	-4.58	0.07	4.75	285.46
700.00	0.91	267.33	699.96	-1.33	1.28	-6.07	0.15	6.20	281.93
800.00	0.94	267.21	799.95	-1.26	1.20	-7.68	0.03	7.77	278.91
900.00	0.97	263.80	899.94	-1.15	1.07	-9.34	0.06	9.40	276.55
1000.00	1.01	262.31	999.92	-0.95	0.86	-11.05	0.05	11.09	274.47
1100.00	0.95	265.43	1099.91	-0.78	0.68	-12.75	0.08	12.77	273.05
1200.00	1.02	265.76	1199.89	-0.66	0.55	-14.47	0.07	14.48	272.17
1300.00	0.87	267.58	1299.88	-0.58	0.45	-16.11	0.15	16.12	271.60
1400.00	0.85	266.32	1399.87	-0.51	0.37	-17.61	0.03	17.62	271.20
1500.00	0.80	261.46	1499.86	-0.37	0.22	-19.04	0.09	19.04	270.66
1600.00	0.68	259.19	1599.85	-0.16	0.00	-20.32	0.12	20.32	270.01
1700.00	0.60	252.26	1699.84	0.10	-0.27	-21.40	0.11	21.40	269.29
1800.00	0.66	258.69	1799.84	0.36	-0.54	-22.46	0.09	22.47	268.62
1900.00	0.64	253.97	1899.83	0.62	-0.81	-23.56	0.06	23.58	268.04
2000.00	0.68	258.19	1999.82	0.89	-1.08	-24.68	0.06	24.70	267.49
2100.00	0.67	257.33	2099.82	1.13	-1.33	-25.83	0.01	25.87	267.05
2200.00	0.69	247.39	2199.81	1.48	-1.69	-26.96	0.12	27.01	266.41
2300.00	0.57	242.11	2299.80	1.94	-2.16	-27.95	0.13	28.04	265.59
2400.00	0.53	247.37	2399.80	2.34	-2.57	-28.82	0.06	28.93	264.91
2500.00	0.41	253.31	2499.80	2.61	-2.85	-29.59	0.13	29.73	264.50
2600.00	0.33	242.50	2599.79	2.85	-3.08	-30.19	0.11	30.34	264.17
2700.00	0.15	244.96	2699.79	3.03	-3.27	-30.56	0.18	30.74	263.89
2800.00	0.18	356.43	2799.79	2.93	-3.17	-30.69	0.27	30.85	264.10
2900.00	0.08	89.50	2899.79	2.77	-3.01	-30.63	0.20	30.78	264.38
3000.00	0.43	57.96	2999.79	2.58	-2.81	-30.24	0.36	30.37	264.69
3100.00	0.89	64.32	3099.78	2.05	-2.28	-29.22	0.47	29.31	265.54
3200.00	1.44	60.83	3199.76	1.11	-1.33	-27.43	0.55	27.46	267.23
3300.00	1.61	61.60	3299.73	-0.15	-0.05	-25.09	0.17	25.09	269.89
3400.00	1.62	60.26	3399.69	-1.50	1.32	-22.63	0.04	22.67	273.34
3500.00	1.66	59.29	3499.65	-2.92	2.76	-20.16	0.05	20.35	277.80
3600.00	1.51	74.16	3599.61	-4.00	3.86	-17.65	0.44	18.06	282.35
3700.00	1.41	76.53	3699.58	-4.63	4.51	-15.18	0.12	15.84	286.54
3800.00	1.69	78.66	3799.54	-5.18	5.08	-12.54	0.29	13.53	292.07
3900.00	1.67	76.28	3899.50	-5.80	5.72	-9.68	0.07	11.24	300.59
4000.00	1.73	77.85	3999.45	-6.44	6.38	-6.79	0.08	9.32	313.25
4100.00	1.67	87.05	4099.41	-6.81	6.78	-3.86	0.28	7.80	330.36
4200.00	1.69	91.15	4199.37	-6.83	6.82	-0.93	0.12	6.88	352.27
4300.00	2.05	97.36	4299.31	-6.54	6.56	2.32	0.41	6.96	19.49
4400.00	2.74	97.95	4399.22	-5.95	6.00	6.46	0.69	8.82	47.11
4500.00	2.87	103.28	4499.10	-5.01	5.10	11.27	0.29	12.37	65.66
4600.00	3.16	108.48	4598.97	-3.52	3.65	16.32	0.40	16.72	77.40
4700.00	3.36	114.01	4698.80	-1.41	1.58	21.61	0.37	21.67	85.81
4800.00	3.44	114.87	4798.63	1.08	-0.87	27.01	0.09	27.02	91.85

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Survey Report

Company:	EOG	**Date:** 12/09/2009	**Time:** 12:49:46	**Page:**	2
Field:	Red Hills	**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 #1H	**Section (VS) Reference:**	Well (0.00N,0.00E,179.55Azi)		
Wellpath:	VH - Job #32K1209537	**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
4900.00	2.93	119.27	4898.47	3.63	-3.38	31.96	0.57	32.14	96.04
5000.00	2.46	117.34	4998.36	5.90	-5.62	36.09	0.48	36.53	98.85
5100.00	2.24	118.71	5098.28	7.85	-7.54	39.72	0.23	40.43	100.75
5200.00	2.39	122.17	5198.20	9.93	-9.59	43.19	0.20	44.25	102.52
5300.00	2.60	120.80	5298.10	12.23	-11.86	46.91	0.22	48.38	104.19
5400.00	2.95	118.97	5397.99	14.67	-14.27	51.11	0.36	53.06	105.60
5500.00	3.11	121.88	5497.85	17.39	-16.95	55.66	0.22	58.19	106.94
5600.00	3.34	120.67	5597.69	20.34	-19.87	60.47	0.24	63.65	108.19
5700.00	3.41	118.81	5697.51	23.30	-22.79	65.58	0.13	69.43	109.16
5800.00	3.72	119.59	5797.32	26.38	-25.82	71.01	0.31	75.56	109.98
5900.00	3.86	119.96	5897.10	29.71	-29.11	76.75	0.14	82.08	110.77
6000.00	3.92	119.82	5996.87	33.13	-32.49	82.63	0.06	88.78	111.46
6020.00	3.81	120.16	6016.83	33.82	-33.16	83.80	0.56	90.12	111.59

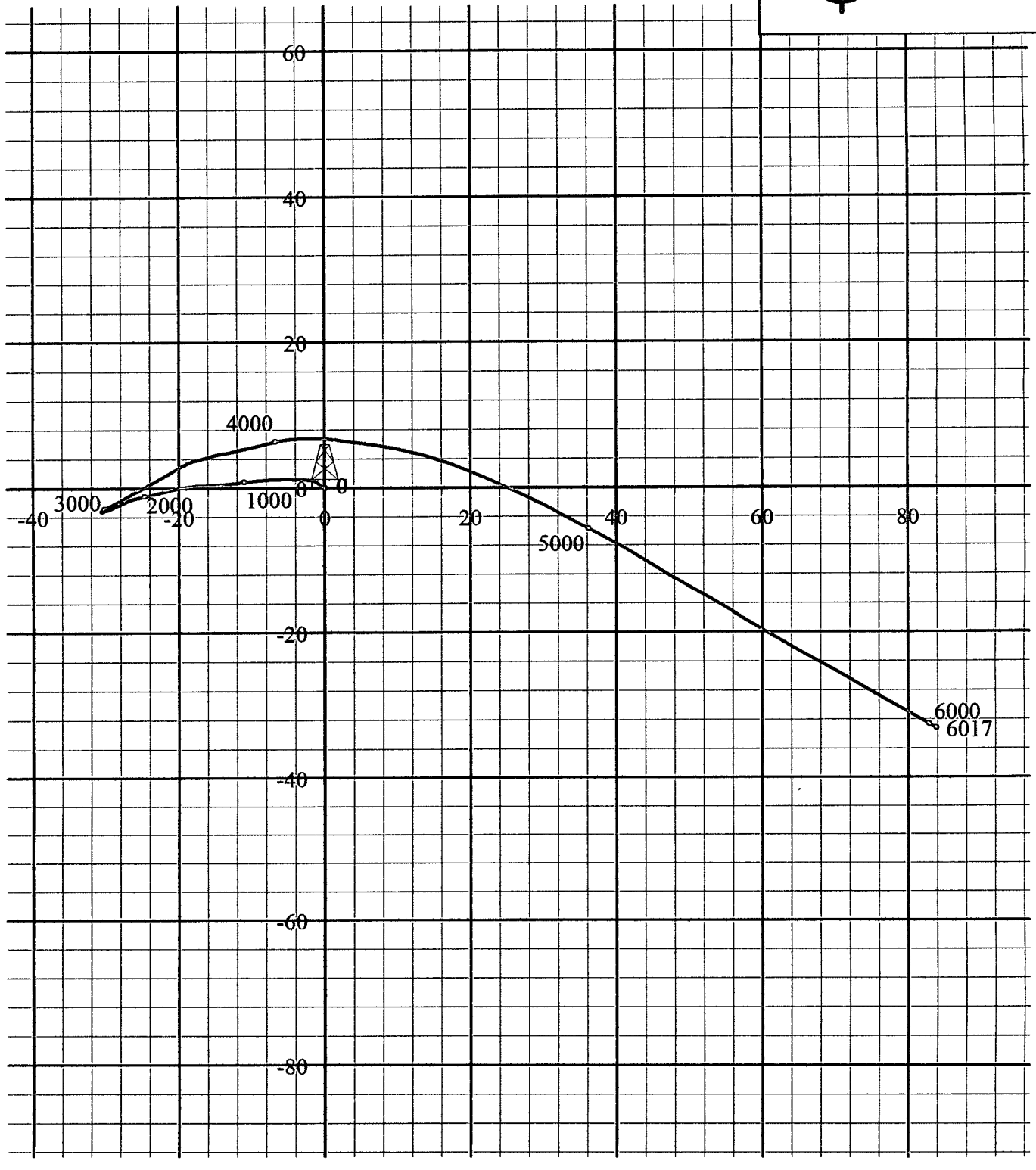
Scientific Drilling

Field: Red Hills
Site: Lea County, NM
Well: Lomas Rojas 26 State Com #1H
Wellpath: VH - Job #32K1209537
Survey: 12/07/09

G/T/M

Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 12/09/2009
Model: igrf2000



South(-)/North(+) [20ft/in]

West(-)/East(+) [20ft/in]