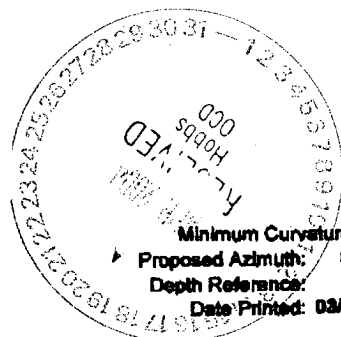


SUR: E-18-25s-34e, 1827/N & 660/W
 BHL: A-18-25s-34e, 1209/N & 4195/W
 API # 30-025-32651



Company: EOG Resources, Inc
 Field: Red Hills North Unit
 Cty/Blk/Par: Lea County, NM
 Well Name: RHNU # 801RE
 Rig: McVay Drilling # 7

Job Number: 638804
 Magnetic Decl.: 8.44
 Grid Corr.: 0.44
 Total Survey Corr.: 8.00
 Target Info:

Minimum Curvature
 Proposed Azimuth: 80.28
 Depth Reference: RKB
 Date Printed: 03/01/04

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates N/S (ft)	E/W (ft)	Closure Dist (ft)	Ang (°)	DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
0	GYRO	11866	1.81	230.77		11862.21	63.72	142.48	S 78.91 E	162.87				
1	MWD	11925	13.80	76.90	59	11920.69	60.06	141.40	S 85.16 E	165.07	148.94	25.87	20.7	-260.8
2	MWD	11950	18.00	80.00	25	11944.73	68.90	140.06	S 91.87 E	167.50	146.74	17.13	16.8	12.4
3	MWD	11980	22.30	85.10	30	11972.89	77.22	138.76	S 102.11 E	172.29	143.65	15.47	14.3	17.0
4	MWD	12023	27.10	86.10	43	12011.95	95.10	137.40	S 120.02 E	182.44	138.86	11.20	11.2	2.3
5	MWD	12053	31.50	83.80	30	12038.10	109.73	136.06	S 134.64 E	191.41	135.30	15.22	14.7	-8.3
6	MWD	12086	34.90	83.60	33	12065.71	127.77	134.05	S 152.59 E	203.11	131.30	10.30	10.3	0.0
7	MWD	12117	37.20	81.70	31	12080.77	145.99	131.71	S 170.68 E	215.59	127.88	8.25	7.4	-6.1
8	MWD	12149	40.60	80.20	32	12115.67	166.08	128.54	S 190.52 E	229.82	124.01	11.02	10.6	-4.7
9	MWD	12180	44.20	78.40	31	12136.66	186.88	124.84	S 211.05 E	245.11	120.57	12.25	11.6	-5.8
10	MWD	12212	47.30	74.60	32	12160.89	209.84	119.28	S 233.32 E	262.04	117.08	12.89	9.7	-11.9
11	MWD	12243	49.80	71.30	31	12181.42	232.87	112.45	S 255.53 E	279.18	113.75	11.34	8.1	-10.6
12	MWD	12275	54.70	69.70	32	12201.00	257.80	104.00	S 279.36 E	298.10	110.42	15.81	15.3	-5.0
13	MWD	12306	61.50	67.20	31	12217.38	283.53	94.32	S 303.82 E	318.12	107.25	22.98	21.9	-8.1
14	MWD	12338	67.10	67.30	32	12231.25	311.61	83.17	S 330.40 E	340.71	104.13	17.50	17.5	0.3
15	MWD	12370	69.20	67.80	32	12243.16	340.58	71.83	S 357.85 E	364.99	101.35	6.72	6.6	1.6
16	MWD	12401	74.60	66.60	31	12252.79	369.27	60.42	S 385.00 E	389.71	98.92	17.80	17.4	-3.9
17	MWD	12443	82.70	66.40	42	12281.04	409.23	44.01	S 422.73 E	425.01	95.94	19.29	19.3	-0.5
18	MWD	12484	87.30	66.30	21	12282.87	429.53	35.62	S 441.89 E	443.32	94.61	21.91	21.9	-0.5
19	MWD	12527	90.20	67.60	63	12284.25	490.81	10.96	S 499.84 E	499.96	91.26	5.04	4.6	2.1
20	MWD	12559	90.90	67.60	32	12283.94	522.03	1.23	N 529.42 E	529.42	89.87	2.19	2.2	0.0
21	MWD	12621	92.00	67.90	62	12282.37	582.53	24.70	N 586.79 E	587.31	87.59	1.84	1.8	0.3
22	MWD	12654	92.10	69.60	33	12281.19	614.84	36.65	N 617.52 E	618.61	86.60	5.16	0.3	5.2
23	MWD	12717	91.70	69.10	63	12259.10	676.67	58.86	N 676.44 E	679.00	85.03	1.02	-0.6	-0.8
24	MWD	12780	91.70	69.10	63	12257.23	738.44	81.32	N 736.27 E	739.75	83.69	0.00	0.0	0.0
25	MWD	12843	92.20	69.00	63	12255.09	800.20	103.84	N 794.07 E	800.83	82.55	0.81	0.8	-0.2
26	MWD	12906	92.40	70.00	63	12252.56	862.04	125.88	N 853.03 E	862.27	81.81	1.82	0.3	1.6
27	MWD	12968	92.60	72.30	62	12249.88	923.19	145.89	N 911.65 E	923.25	80.91	3.72	0.3	3.7
28	MWD	13031	92.00	73.00	63	12247.33	985.58	164.66	N 971.73 E	985.58	80.38	1.46	-1.0	1.1
29	MWD	13094	90.70	74.60	63	12245.84	1048.18	182.23	N 1032.21 E	1048.17	79.99	3.27	-2.1	2.5
30	MWD	13155	88.60	76.80	61	12246.11	1108.96	197.30	N 1091.31 E	1109.01	79.75	4.77	-3.1	3.6
31	MWD	13220	88.30	79.00	65	12247.76	1173.88	210.92	N 1154.85 E	1173.95	79.65	3.47	-0.8	3.4
32	MWD	13283	88.10	80.00	63	12249.73	1236.84	222.39	N 1216.76 E	1236.92	79.64	1.62	-0.3	1.6
33	MWD	13346	89.40	79.60	63	12251.11	1299.82	233.55	N 1278.75 E	1299.90	79.65	2.16	2.1	-0.6
34	MWD	13409	91.10	79.30	63	12250.83	1362.81	245.08	N 1340.68 E	1362.90	79.64	2.74	2.7	-0.5
35	MWD	13472	91.50	79.10	63	12249.40	1425.78	256.88	N 1402.55 E	1425.88	79.62	0.71	0.6	-0.3
36	MWD	13535	91.80	79.70	63	12247.59	1488.75	268.47	N 1464.45 E	1488.85	79.61	1.06	0.5	1.0
37	BIT	13585	92.20	79.70	50	12245.85	1539.72	277.40	N 1513.61 E	1538.82	79.61	0.80	0.8	0.0

Company: EOG Resources, Inc
Field: Red Hills North Unit
City/Block/Parcel: Lea County, NM
Well Name: RHNU # 801RE
Rig: McVay Drilling # 7

Job Number: 838904
Magnetic Decl.: 8.44
Grid Corr.: 0.44
Total Survey Corr.: 8.00
Target Info:

Minimum Curvature
Proposed Azimuth: 80.28
Depth Reference: RKB
Date Printed: 03/02/04

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		N/S (ft)	E/W (ft)	Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
												Dist (ft)	Ang (°)			
36	MWD	13535	91.80	79.70	63	12247.59	1488.75	268.47	N	1484.45	E	1488.85	79.61	1.08	0.5	1.0
37	MWD	13598	91.50	80.60	63	12246.78	1551.72	279.30	N	1529.48	E	1551.82	79.63	1.38	-0.5	1.3
38	MWD	13661	89.80	80.70	63	12245.08	1614.72	289.58	N	1588.63	E	1614.81	79.67	2.72	-2.7	0.3
39	MWD	13724	90.20	80.30	63	12246.08	1677.71	299.98	N	1650.78	E	1677.80	79.70	0.90	0.6	-0.6
40	MWD	13787	88.60	81.00	63	12246.72	1740.71	310.22	N	1712.92	E	1740.79	79.73	2.77	-2.5	1.1
41	MWD	13850	88.30	81.20	63	12247.43	1803.68	319.98	N	1775.14	E	1803.75	79.78	0.57	-0.5	0.3
42	MWD	13913	88.40	80.60	63	12249.24	1866.65	329.92	N	1837.32	E	1866.71	79.82	0.97	0.2	-1.0
43	MWD	13976	88.60	80.70	63	12250.89	1929.62	340.15	N	1899.46	E	1929.68	79.85	0.36	0.3	0.2
44	BIT	14029	89.00	80.70	53	12252.00	1982.61	348.71	N	1951.75	E	1982.66	79.87	0.75	0.8	0.0

Company: EOG Resources, Inc
Field: Red Hills North Unit
City/Blk/Par: Lea County, NM
Well Name: RHNU # 801RE
Rig: McVay Drilling # 7

Job Number: 636904
Magnetic Decl.: 8.44
Grid Corr.: 0.44
Total Survey Corr.: 8.00
Target Info:

Minimum Curvature
Proposed Azimuth: 80.28
Depth Reference: RKB
Date Printed: 03/03/04

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates			Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
								N/S (ft)	E/W (ft)		Dist (ft)	Ang (°)			
41	MWD	13850	88.30	81.20	63	12247.43	1803.68	319.86	N 1775.14	E	1803.75	79.78	0.57	-0.5	0.3
42	MWD	13913	88.40	80.60	63	12249.24	1866.65	329.92	N 1837.32	E	1866.71	79.82	0.97	0.2	-1.0
43	MWD	13976	88.60	80.70	63	12250.89	1929.62	340.15	N 1899.46	E	1929.68	79.85	0.36	0.3	0.2
44	MWD	14040	89.00	80.70	64	12252.23	1993.61	350.49	N 1962.81	E	1993.66	79.87	0.63	0.6	0.0
45	MWD	14097	90.30	80.20	57	12252.58	2050.61	359.95	N 2018.82	E	2050.65	79.89	2.44	2.3	-0.9
46	MWD	14164	90.90	80.00	67	12251.88	2117.60	371.47	N 2084.81	E	2117.65	79.90	0.94	0.9	-0.3
47	MWD	14227	90.60	80.30	63	12251.05	2180.60	382.24	N 2146.88	E	2180.64	79.90	0.67	-0.5	0.5
48	MWD	14290	91.10	80.00	63	12260.12	2243.59	393.02	N 2208.94	E	2243.63	79.91	0.93	0.8	-0.5
49	MWD	14353	89.80	80.70	63	12249.73	2306.59	403.58	N 2271.05	E	2306.63	79.92	2.63	-2.4	1.1
50	BIT	14408	89.60	81.00	53	12250.10	2359.58	412.01	N 2323.37	E	2359.62	79.94	0.57	0.0	0.6

Company: EOG Resources, Inc
 Field: Red Hills North Unit
 City/Blk/Par: Lee County, NM
 Well Name: RHNU # 301RE
 Rig: McVay Drilling # 7

Job Number: 638904
 Magnetic Decl.: 8.44
 Grid Corr.: 8.44
 Total Survey Corr.: 8.00
 Target Info:

Minimum Curvature
 Proposed Azimuth: 80.28
 Depth Reference: RKB
 Date Printed: 03/08/04

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VB (ft)	Coordinates		Dist (ft)	Ang (°)	DLS (°/100')	Bld Rate (°/100')	Wk Rate (°/100')
								N/S (ft)	E/W (ft)					
46	MWD	14164	80.90	80.00	87	12251.88	2117.60	371.47	N 2084.81	E 2117.65	79.90	0.94	0.9	-0.3
47	MWD	14227	90.60	80.30	63	12251.05	2180.60	382.24	N 2146.88	E 2180.64	79.90	0.67	-0.5	0.5
48	MWD	14290	91.10	80.00	63	12250.12	2243.59	393.02	N 2208.94	E 2243.63	79.91	0.93	0.8	-0.5
49	MWD	14353	89.60	80.70	63	12249.73	2306.58	403.58	N 2271.05	E 2306.63	79.92	2.63	-2.4	1.1
50	MWD	14414	90.00	81.50	61	12249.94	2367.58	413.02	N 2331.31	E 2367.62	79.95	1.47	0.7	1.3
51	MWD	14480	90.10	81.30	66	12249.89	2433.57	422.89	N 2396.57	E 2433.60	79.99	0.34	0.2	-0.3
52	MWD	14545	90.30	81.70	65	12249.66	2498.55	432.49	N 2460.86	E 2498.57	80.03	0.69	0.3	0.6
53	MWD	14606	89.40	81.80	61	12249.82	2559.53	441.25	N 2521.23	E 2559.55	80.07	1.48	-1.5	0.2
54	MWD	14668	89.00	82.30	62	12250.69	2621.49	449.82	N 2582.82	E 2621.50	80.12	1.03	-0.8	0.8
55	MWD	14732	89.10	82.00	64	12251.75	2685.45	458.56	N 2648.01	E 2685.46	80.17	0.49	0.2	-0.5
56	MWD	14795	89.50	82.00	63	12252.52	2748.42	467.33	N 2708.40	E 2748.42	80.21	0.63	0.6	0.0
57	MWD	14857	89.00	81.60	62	12253.33	2810.39	476.17	N 2769.76	E 2810.39	80.25	1.03	-0.8	-0.6
58	MWD	14915	88.50	80.00	58	12254.54	2868.37	485.44	N 2827.00	E 2868.37	80.26	2.84	-0.7	-2.1
59	MWD	14979	90.80	80.30	64	12254.88	2932.37	496.39	N 2890.05	E 2932.37	80.25	3.47	3.4	0.2
60	MWD	15047	92.10	80.40	68	12253.16	3000.34	507.78	N 2957.06	E 3000.34	80.26	1.92	1.9	0.
61	MWD	15110	91.80	79.50	63	12261.01	3063.31	518.77	N 3019.06	E 3063.31	80.25	1.51	-0.5	-1
62	MWD	15173	91.70	78.30	63	12249.09	3126.26	530.69	N 3080.85	E 3126.26	80.22	1.91	-0.2	-1
63	MWD	15236	91.30	78.50	63	12247.44	3189.20	543.58	N 3142.54	E 3189.21	80.19	0.71	-0.6	
64	MWD	15299	87.80	79.40	63	12247.93	3252.17	555.63	N 3204.36	E 3252.18	80.16	5.74	-5.6	
65	MWD	15362	87.10	79.60	63	12250.74	3315.10	567.10	N 3266.25	E 3315.11	80.15	1.16	-1.1	
66	MWD	15425	87.20	79.60	63	12253.87	3378.02	578.46	N 3328.13	E 3378.03	80.14	0.16	0.2	
67	MWD	15488	87.50	79.50	63	12256.76	3440.95	589.87	N 3390.02	E 3440.96	80.13	0.50	0.5	
68	MWD	15552	89.50	78.90	30	12258.45	3504.91	601.86	N 3452.86	E 3504.93	80.11	3.26	3.1	
69	MWD	15612	89.50	78.90	30	12258.72	3534.90	607.84	N 3482.30	E 3534.92	80.10	0.00	0.0	
70	TD	15636	90.00	78.90	54	12258.98	3588.89	618.03	N 3535.29	E 3588.91	80.08	0.93	0.9	

**McVAY DRILLING COMPANY**

Post Office Box 924
Hobbs, New Mexico 88241
(505) 397-3311
FAX: 39-DRILL

Well Name and Number: Red Hills North Unit # 801

Location: Lea County

Operator: EOG

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
22 ¼	11980	92.6	12968	91 ¼	15236
31	12053	90	13094	87	15362
37 ¼	12117	91.8	13535	87 ½	15488
44 ½	12180	91.5	13598		
49 ¾	12243	88.6	13787		
61 ½	12306	89.6	14353		
67.1	12338	90	14414		
87.3	12464	89	14857		
92	12621	91 ¼	15173		

Drilling Contractor: McVay Drilling Company

By: Jan 14/2004

Subscribed and sworn to before me this 14th day of March, 2004

Tina Fleming
Notary Public

My Commission Expires: 8-16-05

Lea County, New Mexico