

SCANNED

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0005

Well Name and Number: Red Hills North Unit #212

SUR: F-12-25s-33e
1750/W & 2475/W

Location: Sec. 12, T25S, R33E, Lea County, NM

Operator: EOG Resources

BHL: C-7-25s-34e
202/W & 2189/W
30-025-35363

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		Degrees @ Depth	
1/2	291	3/4	11033	89	12532	88	16715
3/4	656	3/4	11298	96.5	12628	88 1/4	16875
1	1134	2 1/2	11786	95 3/4	12661	89 1/4	17036
1	1620	6	11831	94 1/2	12820	89	17298
1/2	2217	11	11896	91	13204		
1/4	2620	18	11960	88.5	13332		
3/4	3128	25	12025	89	13580		
3/4	3636	39 3/4	12154	90 1/4	13744		
1/2	4143	46	12194	89 1/4	14258		
1 1/4	4651	51 3/4	12218	88.5	14322		
1 1/4	5002	16	12282	88 3/4	14387		
1	5530	79	12318	88.5	14773		
3/4	6038	63.4	12338	89.5	14857		
3/4	6545	64.5	12370	89	15345		
1/4	7052	74.8	12438	88 1/2	15441		
1/4	7560	91.9	12689	90 1/4	15536		
1/2	8036	94.6	12821	90 1/4	15920		
3/4	8543	94.5	12853	90 1/4	16048		
1	8930	90	13045	90 3/4	16144		
1	9430	87 1/2	13140	91 1/4	16283		
1 1/4	9940	63	12405	91 3/4	16379		
1 1/4	10551	69	12437	90	16684		

Drilling Contractor: McVay Drilling Company

By: Joe H. Hays

Subscribed and sworn to before me this 2nd day of May, 2001

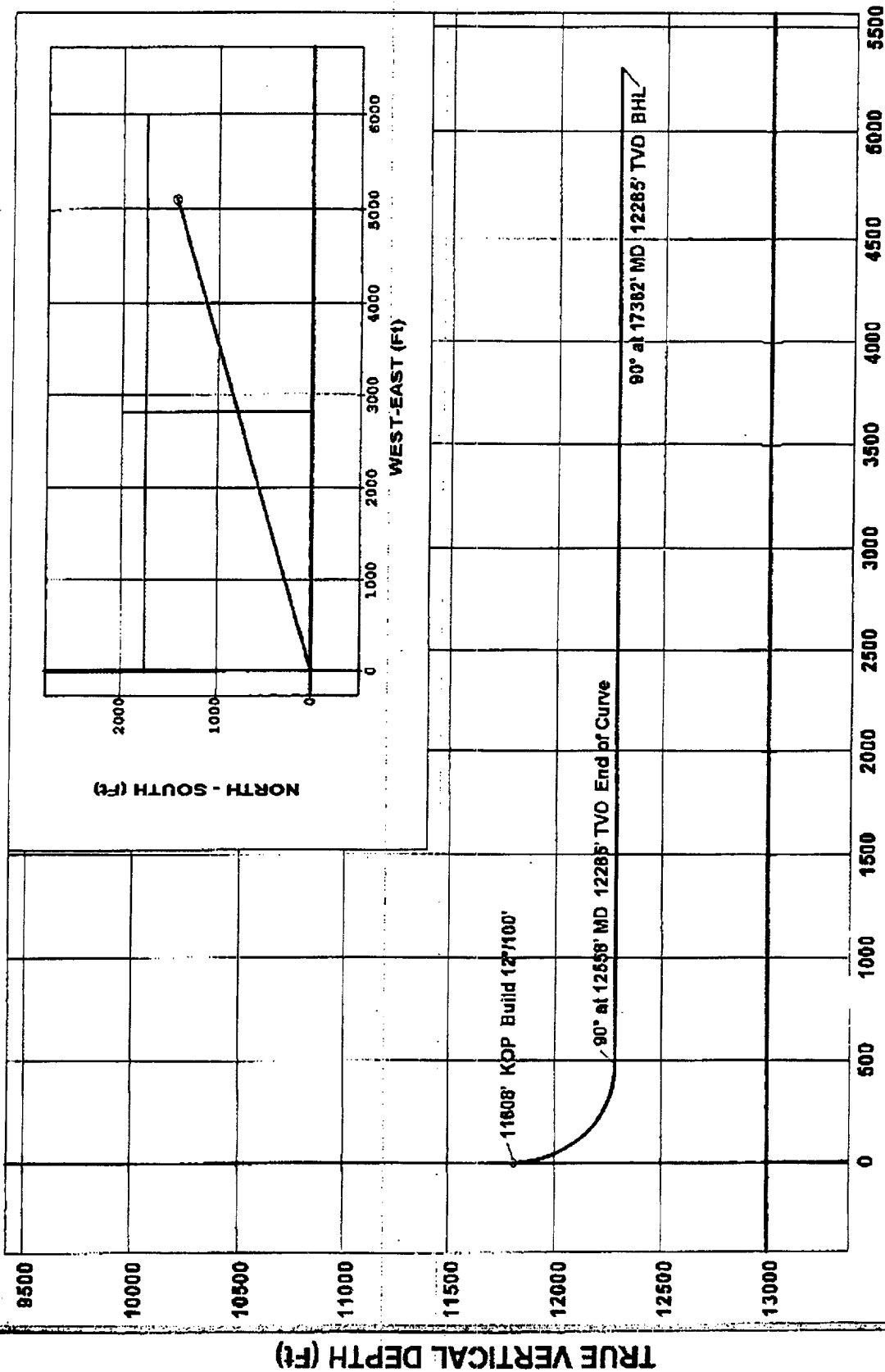
Tom Henders
Notary Public

My Commission Expires: 8-16-01

Lea County, New Mexico

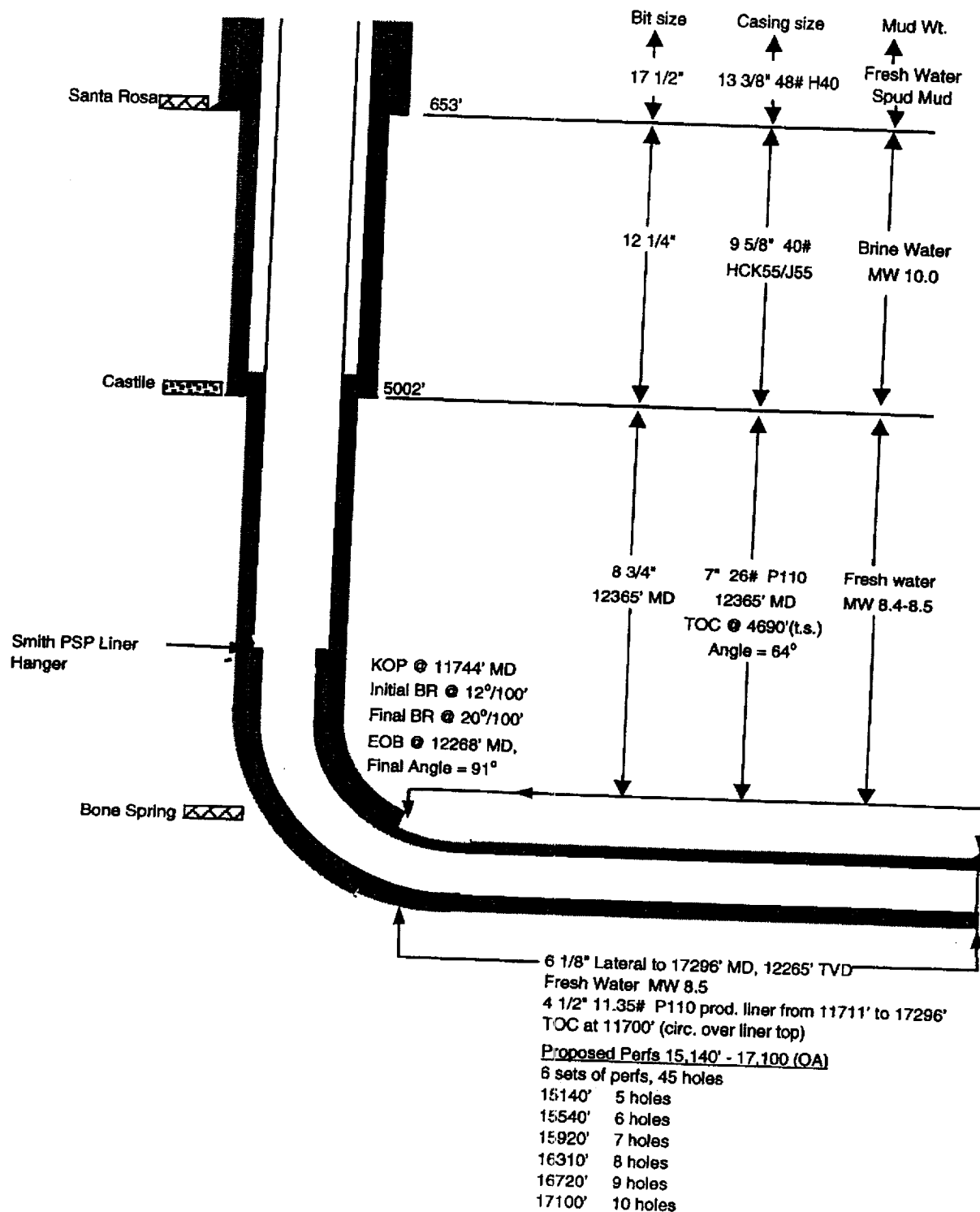
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Company: EOG Resources
 Lease/Well: Red Hills North Unit #212
 Location: Lea County
 State/Country: New Mexico
 Grid: Direction Preliminary



RHNU NO.212
PROSPECT: Red Hills

1750' FNL & 2475' FWL
 Sec.7-T25S-R23E
 Lea County, New Mexico





Gyrodata Incorporated
3811 S. Co. Rd. 1285
Odessa, TX. 79765

915/561-8458
Fax: 915/563-7982

SURVEY REPORT
E.O.G. RESOURCES
RED HILLS NORTH UNIT #212
MCVAY #10
LEA COUNTY, NEW MEXICO
MD0301GMW172

MARCH 30, 2001

COPY

A Gyrodata Directional Survey

for

EOG RESOURCES

Well: RED HILLS NORTH UNIT #212, 4-1/2" DRILLPIPE
Location: MCVAY #10, LEA COUNTY, NEW MEXICO

Job Number: MD0301GMW172

Run Date: 3/30/01

Surveyor: Tom Morren

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.147290 deg. N

Azimuth Correction:

Gyro: 0.43000 deg East to Grid North

Proposed Well Direction: 74.020 deg

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Local Horizontal Reference

A Gyrodata Directional Survey

EOG RESOURCES

Well: RED HILLS NORTH UNIT #212, 4-1/2" DRILLPIPE

Location: MCVAY #10, LEA COUNTY, NEW MEXICO

Job Number: MD0301GMW172

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.0	0.00	0.00	0.0	0.00	0.0	0.0 0.0	0.00 N 0.00 E

0-11652 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO MCVAY #10 R.K.B.							

100.0	0.10	22.91	0.1	0.10	100.0	0.1 22.9	0.08 N 0.03 E
200.0	0.17	121.99	0.2	0.20	200.0	0.2 67.4	0.08 N 0.19 E
300.0	0.22	125.87	0.4	0.06	300.0	0.5 103.6	0.11 S 0.47 E
400.0	0.43	137.63	0.7	0.22	400.0	1.0 119.9	0.51 S 0.88 E
500.0	0.83	121.59	1.4	0.43	500.0	2.1 123.6	1.17 S 1.76 E
600.0	0.95	114.93	2.5	0.16	600.0	3.7 121.3	1.90 S 3.13 E
700.0	1.01	111.18	3.8	0.09	700.0	5.4 118.6	2.57 S 4.70 E
800.0	0.96	105.85	5.2	0.11	799.9	7.1 116.2	3.11 S 6.33 E
900.0	0.94	103.48	6.7	0.04	899.9	8.7 114.0	3.54 S 7.94 E
1000.0	0.98	111.56	8.1	0.14	999.9	10.4 113.0	4.04 S 9.53 E
1100.0	1.01	110.95	9.4	0.03	1099.9	12.1 112.7	4.67 S 11.15 E
1200.0	1.04	113.00	10.8	0.05	1199.9	13.9 112.6	5.34 S 12.80 E
1300.0	1.05	124.45	12.1	0.21	1299.9	15.7 113.3	6.21 S 14.39 E
1400.0	0.92	130.77	13.1	0.16	1399.9	17.3 114.7	7.25 S 15.75 E
1500.0	1.03	129.76	14.1	0.11	1499.8	19.0 116.1	8.35 S 17.06 E
1600.0	0.90	137.45	15.0	0.19	1599.8	20.6 117.5	9.51 S 18.28 E
1700.0	0.86	139.77	15.6	0.05	1699.8	22.0 118.9	10.65 S 19.29 E
1800.0	0.66	137.02	16.2	0.20	1799.8	23.3 120.0	11.65 S 20.17 E
1900.0	0.66	141.63	16.7	0.05	1899.8	24.4 120.9	12.52 S 20.92 E
2000.0	0.50	164.74	16.9	0.28	1999.8	25.2 122.1	13.39 S 21.39 E

A Gyrodatta Directional Survey

EOG RESOURCES

Well: RED HILLS NORTH UNIT #212, 4-1/2" DRILLPIPE

Location: MCVAY #10, LEA COUNTY, NEW MEXICO

Job Number: MD0301GMW172

MEASURED DEPTH feet	IN C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2100.0	0.51	165.57	16.9	0.01	2099.8	25.9 123.4	14.24 S 21.61 E
2200.0	0.36	160.73	16.9	0.15	2199.8	26.5 124.4	14.97 S 21.83 E
2300.0	0.34	163.59	16.9	0.02	2299.8	27.0 125.2	15.55 S 22.02 E
2400.0	0.13	162.13	16.9	0.21	2399.8	27.3 125.8	15.94 S 22.13 E
2500.0	0.14	155.62	16.9	0.02	2499.8	27.5 126.0	16.16 S 22.22 E
2600.0	0.18	55.13	17.1	0.25	2599.8	27.6 125.8	16.18 S 22.40 E
2700.0	0.20	52.94	17.4	0.02	2699.8	27.7 125.2	15.98 S 22.67 E
2800.0	0.38	41.81	17.8	0.19	2799.8	27.8 124.2	15.63 S 23.03 E
2900.0	0.45	12.97	18.3	0.22	2899.8	27.7 122.7	15.00 S 23.34 E
3000.0	0.53	6.53	18.7	0.10	2999.8	27.4 121.1	14.15 S 23.48 E
3100.0	0.55	356.19	19.0	0.10	3099.8	27.0 119.3	13.21 S 23.50 E
3200.0	0.65	26.26	19.4	0.33	3199.8	26.7 117.3	12.22 S 23.72 E
3300.0	0.94	17.05	20.3	0.32	3299.8	26.6 114.3	10.92 S 24.21 E
3400.0	1.28	32.46	21.6	0.45	3399.7	26.7 110.1	9.19 S 25.06 E
3500.0	1.09	42.84	23.2	0.29	3499.7	27.4 106.0	7.55 S 26.30 E
3600.0	0.85	23.69	24.5	0.40	3599.7	27.9 102.8	6.17 S 27.25 E
3700.0	0.95	30.51	25.6	0.15	3699.7	28.4 99.7	4.78 S 27.97 E
3800.0	0.63	38.24	26.6	0.34	3799.7	29.0 97.2	3.64 S 28.72 E
3900.0	0.40	55.23	27.4	0.27	3899.7	29.5 95.9	3.01 S 29.35 E
4000.0	0.42	63.00	28.1	0.06	3999.7	30.1 95.1	2.65 S 29.96 E
4100.0	0.37	57.93	28.7	0.06	4099.7	30.7 94.3	2.31 S 30.57 E
4200.0	0.53	31.46	29.4	0.25	4199.7	31.1 93.2	1.75 S 31.08 E
4300.0	0.91	15.45	30.2	0.43	4299.7	31.5 91.1	0.59 S 31.53 E
4400.0	0.91	25.51	31.1	0.16	4399.7	32.1 88.4	0.90 N 32.09 E

A Gyrodata Directional Survey

EOG RESOURCES

Well: RED HILLS NORTH UNIT #212, 4-1/2" DRILLPIPE

Location: MCVAY #10, LEA COUNTY, NEW MEXICO

Job Number: MD0301GMW172

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4500.0	1.04	30.13	32.3	0.15	4499.6	33.0 85.8	2.41 N 32.89 E
4600.0	1.10	27.53	33.6	0.07	4599.6	34.0 83.2	4.04 N 33.78 E
4700.0	1.39	43.70	35.3	0.46	4699.6	35.5 80.7	5.77 N 35.07 E
4800.0	1.59	68.82	37.7	0.68	4799.6	37.9 79.1	7.15 N 37.20 E
4900.0	1.59	76.07	40.5	0.20	4899.5	40.6 78.7	7.98 N 39.84 E
5000.0	1.14	81.00	42.9	0.46	4999.5	43.0 78.6	8.47 N 42.17 E
5100.0	0.80	61.53	44.5	0.47	5099.5	44.7 78.4	8.96 N 43.77 E
5200.0	0.69	53.21	45.8	0.16	5199.5	45.9 77.9	9.66 N 44.87 E
5300.0	0.66	67.25	46.9	0.17	5299.5	47.0 77.4	10.24 N 45.88 E
5400.0	0.51	49.93	47.9	0.23	5399.5	48.0 77.1	10.75 N 46.75 E
5500.0	0.59	55.08	48.8	0.10	5499.5	48.8 76.6	11.33 N 47.51 E
5600.0	0.64	66.21	49.8	0.13	5599.5	49.9 76.3	11.85 N 48.44 E
5700.0	0.73	60.07	51.0	0.11	5699.4	51.0 75.9	12.39 N 49.50 E
5800.0	0.71	70.42	52.2	0.13	5799.4	52.3 75.7	12.92 N 50.64 E
5900.0	0.58	60.77	53.4	0.17	5899.4	53.4 75.5	13.37 N 51.67 E
6000.0	0.59	67.54	54.4	0.07	5999.4	54.4 75.3	13.82 N 52.60 E
6100.0	0.42	53.75	55.2	0.21	6099.4	55.2 75.1	14.23 N 53.37 E
6200.0	0.42	67.93	55.9	0.10	6199.4	55.9 74.9	14.59 N 54.01 E
6300.0	0.37	56.77	56.6	0.09	6299.4	56.6 74.7	14.90 N 54.62 E
6400.0	0.39	51.72	57.2	0.04	6399.4	57.2 74.5	15.29 N 55.16 E
6500.0	0.49	51.88	57.9	0.10	6499.4	57.9 74.2	15.77 N 55.76 E
6600.0	0.48	52.23	58.7	0.01	6599.4	58.7 73.9	16.29 N 56.42 E
6700.0	0.51	54.99	59.5	0.04	6699.4	59.5 73.6	16.80 N 57.12 E
6800.0	0.38	51.06	60.3	0.14	6799.4	60.3 73.4	17.26 N 57.74 E

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EOG RESOURCES

Well: RED HILLS NORTH UNIT #212, 4-1/2" DRILLPIPE

Location: MCVAY #10, LEA COUNTY, NEW MEXICO

Job Number: MD0301GMW172

MEASURED DEPTH feet	IN C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
6900.0	0.35	49.16	60.8	0.03	6899.4	60.8 73.1	17.66 N 58.22 E
7000.0	0.22	55.45	61.3	0.13	6999.4	61.3 73.0	17.97 N 58.60 E
7100.0	0.33	57.99	61.7	0.11	7099.4	61.8 72.8	18.23 N 59.00 E
7200.0	0.22	77.29	62.2	0.14	7199.4	62.2 72.8	18.42 N 59.43 E
7300.0	0.14	106.92	62.5	0.12	7299.4	62.5 72.9	18.43 N 59.74 E
7400.0	0.16	69.58	62.7	0.10	7399.4	62.8 72.9	18.44 N 59.99 E
7500.0	0.08	82.86	63.0	0.09	7499.4	63.0 72.9	18.50 N 60.19 E
7600.0	0.13	102.90	63.1	0.06	7599.4	63.1 73.0	18.48 N 60.36 E
7700.0	0.15	55.21	63.3	0.11	7699.4	63.4 73.0	18.53 N 60.58 E
7800.0	0.19	93.52	63.6	0.12	7799.4	63.6 73.0	18.59 N 60.85 E
7900.0	0.10	100.29	63.9	0.10	7899.4	63.9 73.1	18.57 N 61.10 E
8000.0	0.35	81.47	64.2	0.26	7999.4	64.2 73.2	18.60 N 61.48 E
8100.0	0.38	76.00	64.9	0.05	8099.4	64.9 73.2	18.72 N 62.10 E
8200.0	0.47	104.25	65.5	0.23	8199.4	65.5 73.4	18.70 N 62.82 E
8300.0	0.57	97.98	66.4	0.12	8299.4	66.4 73.8	18.53 N 63.71 E
8400.0	0.50	102.17	67.2	0.09	8399.4	67.2 74.1	18.37 N 64.63 E
8500.0	0.41	108.65	67.9	0.10	8499.4	67.9 74.5	18.16 N 65.39 E
8600.0	0.56	112.58	68.5	0.16	8599.4	68.5 74.9	17.86 N 66.18 E
8700.0	0.43	114.88	69.2	0.14	8699.4	69.2 75.3	17.52 N 66.97 E
8800.0	0.70	125.51	69.9	0.30	8799.4	69.9 75.9	17.01 N 67.81 E
8900.0	0.58	133.17	70.5	0.15	8899.4	70.6 76.6	16.30 N 68.68 E
9000.0	0.56	132.73	71.0	0.02	8999.4	71.1 77.3	15.62 N 69.41 E
9100.0	0.71	140.81	71.5	0.18	9099.3	71.7 78.1	14.81 N 70.16 E
9200.0	0.67	144.36	72.0	0.06	9199.3	72.2 78.9	13.85 N 70.89 E

A Gyrodata Directional Survey

EOG RESOURCES

Well: RED HILLS NORTH UNIT #212, 4-1/2" DRILLPIPE

Location: MCVAY #10, LEA COUNTY, NEW MEXICO

Job Number: MD0301GMW172

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
9300.0	0.44	163.39	72.2	0.29	9299.3	72.5 79.7	13.01 N 71.34 E
9400.0	0.44	161.08	72.2	0.02	9399.3	72.6 80.3	12.29 N 71.57 E
9500.0	0.81	156.65	72.3	0.38	9499.3	72.9 81.1	11.27 N 71.98 E
9600.0	0.92	160.60	72.4	0.12	9599.3	73.2 82.3	9.87 N 72.52 E
9700.0	1.13	178.49	72.2	0.38	9699.3	73.3 83.6	8.13 N 72.82 E
9800.0	1.16	186.13	71.6	0.16	9799.3	73.0 85.2	6.14 N 72.73 E
9900.0	1.08	184.70	70.9	0.08	9899.3	72.7 86.7	4.19 N 72.55 E
10000.0	1.33	176.95	70.3	0.30	9999.2	72.6 88.4	2.08 N 72.53 E
10100.0	1.03	173.94	69.9	0.31	10099.2	72.7 90.0	0.03 N 72.69 E
10200.0	1.22	174.91	69.5	0.19	10199.2	72.9 91.5	1.93 S 72.88 E
10300.0	1.08	183.91	69.0	0.23	10299.2	73.0 93.1	3.93 S 72.91 E
10400.0	1.03	192.48	68.3	0.16	10399.2	72.9 94.5	5.76 S 72.65 E
10500.0	0.93	197.47	67.4	0.13	10499.1	72.6 95.9	7.41 S 72.21 E
10600.0	0.66	200.45	66.6	0.27	10599.1	72.3 96.9	8.73 S 71.77 E
10700.0	0.51	192.26	66.0	0.17	10699.1	72.1 97.7	9.70 S 71.47 E
10800.0	0.37	201.67	65.6	0.16	10799.1	72.0 98.3	10.44 S 71.26 E
10900.0	0.67	216.97	65.0	0.33	10899.1	71.7 99.0	11.20 S 70.79 E
11000.0	0.73	230.85	63.9	0.18	10999.1	71.0 99.8	12.06 S 69.95 E
11100.0	0.37	256.07	63.0	0.42	11099.1	70.3 100.3	12.54 S 69.14 E
11200.0	0.23	241.43	62.5	0.16	11199.1	69.8 100.5	12.71 S 68.65 E
11300.0	0.25	128.71	62.4	0.40	11299.1	69.9 100.7	12.95 S 68.65 E
11400.0	0.29	122.35	62.7	0.05	11399.1	70.3 100.8	13.22 S 69.03 E
11500.0	0.24	197.14	62.8	0.33	11499.1	70.5 101.1	13.56 S 69.19 E
11600.0	0.73	199.33	62.3	0.49	11599.1	70.4 101.8	14.36 S 68.92 E

A Gyrodata Directional Survey

EOG RESOURCES

Well: RED HILLS NORTH UNIT #212, 4-1/2" DRILLPIPE

Location: MCVAY #10, LEA COUNTY, NEW MEXICO

Job Number: MD0301GMW172

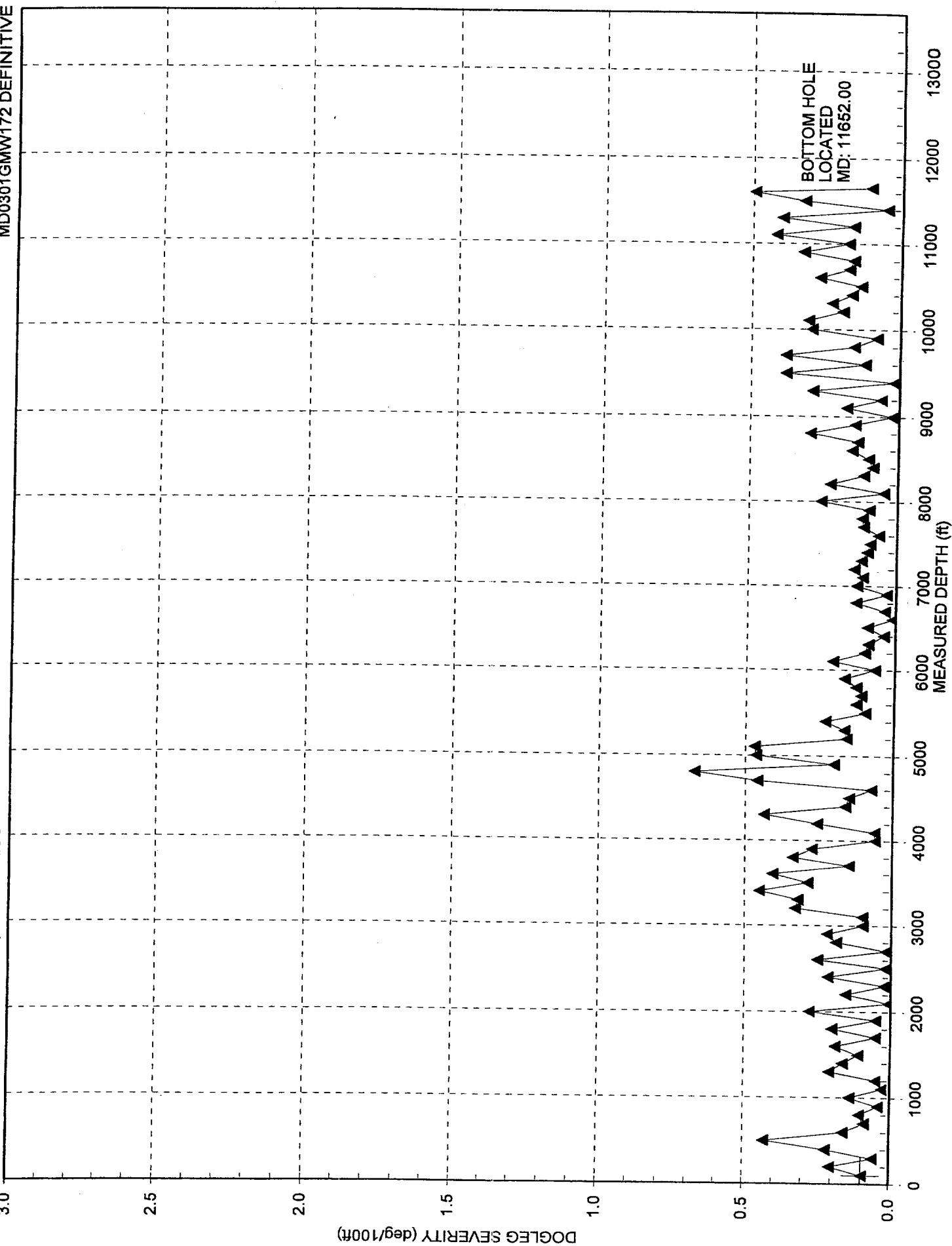
MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
11652.0	0.78	201.05	61.9	0.11	11651.1	70.3 102.3	15.00 S 68.68 E

Final Station Closure: Distance: 70.30 ft Az: 102.32 deg.

EOG RESOURCES

Well: RED HILLS NORTH UNIT #212 4-1/2" DRILLPIPE
Location: MCVAY #10, LEA COUNTY, NEW MEXICO

Gyrodatta, Inc.
MD0301GMW172 DEFINITIVE



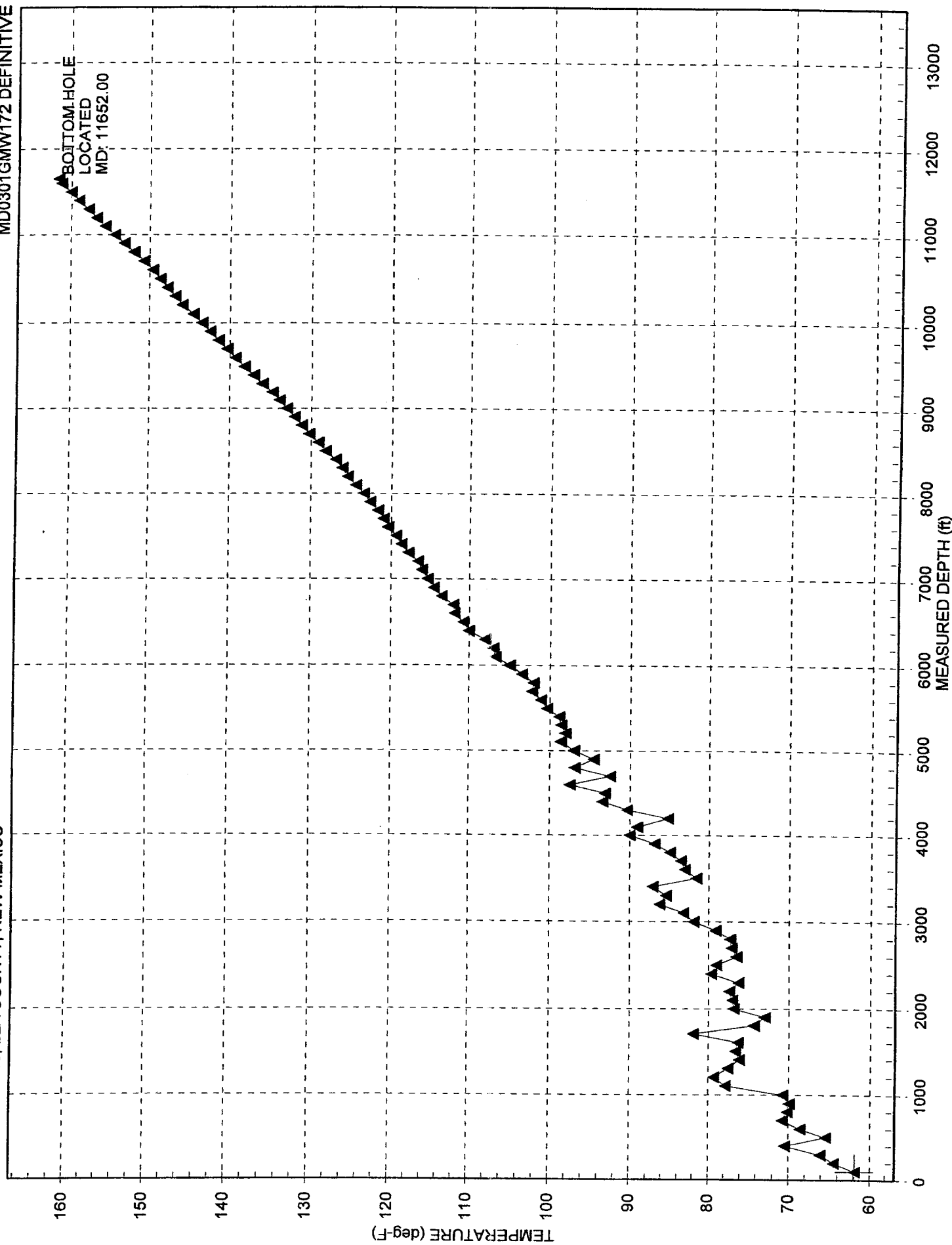
EOG RESOURCES

Well: RED HILLS NORTH UNIT #212 4-1/2" DRILLPIPE

Location: MCVAY #10, LEA COUNTY, NEW MEXICO

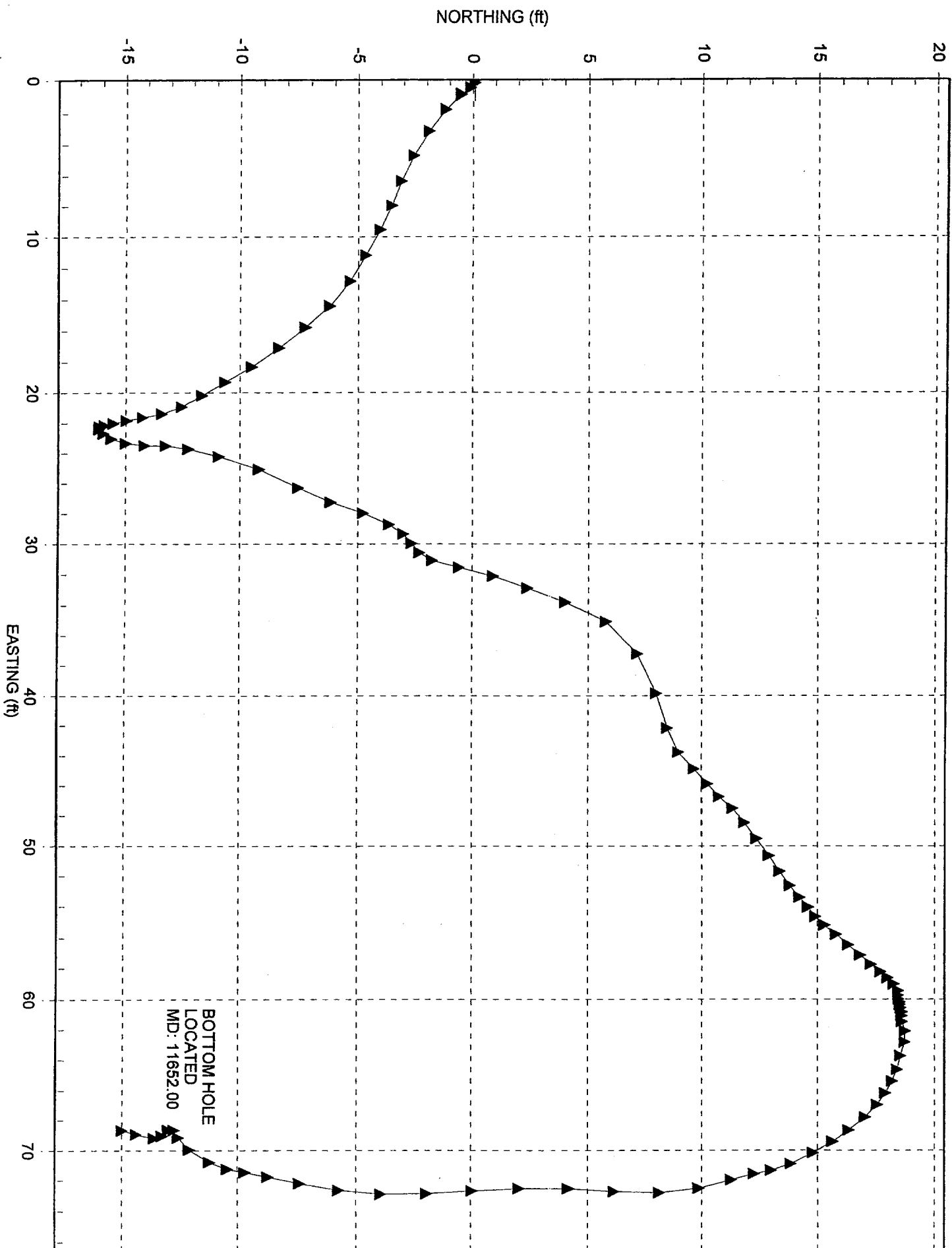
Gyrodatta, Inc.

MD0301GMW172 DEFINITIVE



EOG RESOURCES
Well: RED HILLS NORTH UNIT #212 4-1/2" DRILLPIPE
Location: MCVAY #10, LEA COUNTY, NEW MEXICO

Gyrodatta, Inc.
MD0301GMW172 DEFINITIVE



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code 5163	Pool Name Red Hills Bone Spring
Property Code	Property Name RED HILLS NORTH UNIT		Well Number 212
OGRID No. 7377	Operator Name EOG RESOURCES INC.		Elevation 3399

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	12	25	33		1750	NORTH	2475	WEST	LEA

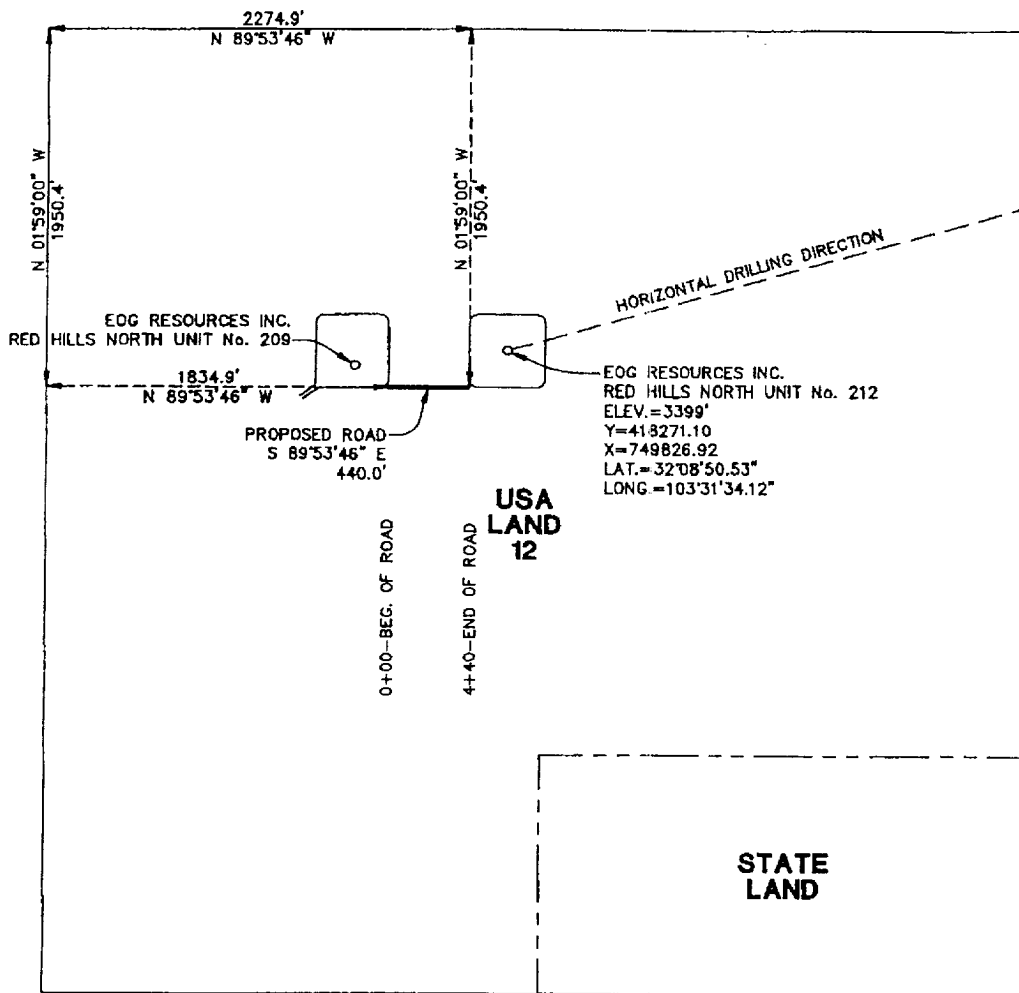
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 200		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Mike Francis</i> Signature Mike Francis Printed Name Agent Title 11/6/00 Date
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief. OCTOBER 19, 2000 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number 14729

**SECTION 12, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY,
NEW MEXICO**



CENTERLINE DESCRIPTION OF A PROPOSED ROAD:

BEGINNING at a point in the southeast corner of a well pad for EOG Resources, Inc. RED HILLS NORTH UNIT No. 209, from which point the northwest corner of Section 12, T-25-S, R-33-E, N.M.P.M., Lea County, New Mexico, bears N 89° 53' 46" W, 1834.9 feet and N 01° 59' 00" W, 1950.4 feet;

THENCE S 89° 53' 46" E, with the centerline of proposed road, 440.0 feet to a point in the southwest corner of a well pad for EOG Resources, Inc. RED HILLS NORTH UNIT No. 212, for the end of this road, from which point the northwest corner of said Section 12 bears N 01° 59' 00" W, 1950.4 feet and N 89° 53' 46" W, 2274.9 feet.

I hereby certify that this plot was prepared from an actual survey made on the ground and meets or exceeds all requirements for land surveys as specified by the state of New Mexico.

James E. Tompkins

JAMES E. TOMPKINS
 Registered Professional Surveyor
 New Mexico Certificate No. 14728

**PROPOSED ROAD TO SERVE
RED HILLS NORTH UNIT No. 212**

EOG RESOURCES INC.

440.0 feet of proposed road in
 Section 12, T-25-S, R-33-E, N.M.P.M.,
 Lea County, New Mexico

WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

Survey Date: 10-19-00

Date: 10-20-00

Scale: 1" = 1000'

WTC No.: 46048

Drawn By: JWD

Sheet 1 of 2

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number		'Pool Code		'Pool Name	
'Property Code		'Property Name RED HILLS NORTH UNIT			'Well Number 212
'OGRID No.		'Operator Name EOG RESOURCES INC.			'Elevation 3395

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	25	34		320	NORTH	2300	WEST	LEA

"Dedicated Acres	"Joint or Infill	"Consolidation Code	"Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature _____ Printed Name _____ Title _____ Date _____	
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief.	
	OCTOBER 19, 2000 Date of Survey _____ Signature and Seal of Professional Surveyor: _____ REGISTERED PROFESSIONAL LAND SURVEYOR NEW MEXICO 14729 James E. Tompkins Certificate Number 14729	

Job Number:
Company: EOG Resources
Lease/Well: Red Hills North Unit #212
Location: Lee County
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: New Mexico
Declination: 8.33° East (Grid)
Grid: Grid North
File name: C:\WINSERVE\CLIENTS\EOG\REDX12.SVY
Date/Time: 10-Jul-01 / 07:56
Curve Name: MWYD Surveys

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 74.02
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
Gyro Tie-In									
11652.00	.78	201.10	11651.10	-15.00	68.70	61.92	70.32	102.32	.00
11704.00	1.00	195.40	11703.09	-15.77	68.45	61.47	70.24	102.87	.46
11736.00	1.00	190.40	11735.09	-16.31	68.33	61.20	70.25	103.43	.27
11768.00	1.50	131.70	11767.08	-16.86	68.59	61.30	70.63	103.81	4.06
11800.00	3.80	118.50	11789.05	-17.62	69.85	62.30	72.04	104.15	7.45
11832.00	6.00	125.40	11830.93	-19.06	72.16	64.13	74.64	104.79	7.25
11864.00	7.90	123.40	11862.69	-21.24	75.36	66.60	78.30	105.74	5.98
11896.00	11.00	122.90	11894.25	-24.11	79.76	70.04	83.33	106.82	9.69
11928.00	14.80	122.80	11925.44	-27.99	85.76	74.74	90.21	108.07	11.87
11960.00	18.40	119.90	11956.10	-32.73	93.57	80.95	99.13	109.28	11.56

0003

DAILY INTERVAL

07/10/01 TUE 07:03 FAX 915 561 8892

JUL 11 2001 07:31 FR EOG MIDLAND
PAGE 03 561 8892 5

915 686 3765 TO 915053930720

P.03/06

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
11992.00	21.50	118.40	11986.18	-38.03	103.11	88.66	109.90	110.25	9.82
12025.00	25.30	113.40	12016.46	-43.71	114.91	98.43	122.94	110.83	12.98
12057.00	29.60	109.80	12044.85	-49.12	128.62	110.13	137.68	110.90	14.35
12089.00	33.00	105.80	12072.20	-54.20	144.44	123.94	154.28	110.57	12.45
12122.00	36.80	104.60	12099.28	-59.16	162.66	140.08	173.08	109.98	11.73
12154.00	39.70	100.70	12124.39	-63.47	181.98	157.47	192.73	109.23	11.79
12186.00	44.70	96.00	12148.08	-66.55	203.23	177.06	213.85	108.13	18.47
12218.00	51.70	91.80	12169.41	-68.14	227.01	189.48	237.02	106.71	23.86
12250.00	56.80	84.60	12188.12	-67.30	252.83	224.63	261.73	104.90	24.41
12282.00	59.10	79.10	12205.11	-63.44	279.78	251.48	286.86	102.78	16.24
12318.00	62.40	76.50	12222.70	-56.79	310.45	282.82	315.80	100.37	11.12
12341.00	63.40	76.50	12233.18	-52.01	330.38	303.27	334.43	98.95	4.35
12376.00	63.00	76.00	12248.96	-44.59	360.70	334.49	363.45	97.05	1.71
12395.00	62.10	72.20	12257.72	-39.97	376.91	351.35	379.03	96.05	18.37
12405.00	63.30	71.60	12262.30	-37.21	385.36	360.22	387.15	95.52	13.13
12437.00	69.10	67.70	12275.22	-27.02	412.78	388.40	413.67	93.74	21.28
12468.00	76.50	66.90	12284.38	-15.59	440.08	418.79	440.36	92.03	24.00
12500.00	83.80	64.00	12289.85	-2.50	468.74	449.84	468.74	90.30	24.50
12532.00	89.80	63.00	12291.63	11.75	497.32	481.33	497.45	88.65	19.01
12564.00	91.40	61.80	12291.30	26.58	525.67	512.68	526.34	87.11	6.25
12586.00	93.40	61.80	12289.98	41.69	553.85	543.92	555.41	85.70	6.25
12628.00	98.00	61.70	12287.34	56.78	581.94	575.08	584.70	84.43	8.13
12660.00	95.80	61.60	12284.05	71.80	609.95	606.17	614.17	83.28	.70
12692.00	95.40	61.10	12280.92	87.16	637.80	637.25	643.83	82.22	2.00
12724.00	95.30	61.20	12277.94	102.54	665.80	668.31	673.65	81.24	.44
12755.00	95.00	61.20	12275.16	117.41	692.88	698.41	702.74	80.38	.97
12788.00	94.90	61.30	12272.31	133.23	721.68	730.47	733.88	79.54	.43
12820.00	94.60	62.40	12269.66	148.27	749.80	761.65	764.32	78.81	3.55
12852.00	94.70	62.90	12267.07	162.92	778.13	792.82	795.01	78.17	1.58
12884.00	94.40	62.90	12264.53	177.45	806.53	824.22	825.82	77.59	.94
12916.00	94.20	65.00	12262.13	191.47	835.20	855.63	856.86	77.09	6.57

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DAILY INTERNAL

07/10/01 TUE 07:03 FAX 915 561 8892

JUL 11 2001 07:32 FR EOG MIDLAND

915 686 3765 TO 915053930720

P.04/06

PAGE.04

561 8892

JUL 10 2001 08:06

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
12848.00	93.80	64.60	12259.90	205.06	864.08	887.14	888.08	76.65	1.77
12880.00	93.50	65.00	12257.86	218.66	892.97	918.68	919.36	76.24	1.56
13012.00	93.60	65.90	12255.88	231.93	922.03	950.26	950.75	75.88	2.82
13044.00	93.10	66.50	12254.01	244.82	951.25	981.89	982.25	75.57	2.44
13076.00	92.70	66.50	12252.39	257.56	980.56	1013.58	1013.82	75.28	1.25
13108.00	92.60	67.50	12250.91	270.05	1008.98	1045.30	1045.47	75.03	3.14
13140.00	92.70	67.70	12249.43	282.23	1039.54	1077.07	1077.17	74.81	1.70
13204.00	91.00	69.20	12247.36	305.73	1089.03	1140.73	1140.76	74.45	3.54
13268.00	90.00	70.00	12246.81	328.03	1159.01	1204.54	1204.54	74.20	2.00
13332.00	88.80	70.20	12247.48	349.82	1219.19	1268.38	1268.38	73.98	1.90
13396.00	88.40	71.30	12248.04	370.91	1279.59	1332.26	1332.26	73.83	1.83
13460.00	88.60	71.40	12250.71	391.37	1340.21	1396.17	1396.18	73.72	1.35
13524.00	89.10	71.90	12252.00	411.51	1400.94	1460.10	1460.13	73.63	1.10
13588.00	88.90	72.00	12253.12	431.34	1461.78	1524.05	1524.10	73.56	1.35
13651.00	89.40	72.60	12254.05	450.49	1521.79	1587.01	1587.07	73.51	1.24
13717.00	90.30	72.80	12254.30	479.04	1613.45	1682.98	1683.06	73.48	1.96
13842.00	90.20	72.30	12253.89	507.53	1704.08	1777.95	1778.05	73.41	1.54
13906.00	89.20	71.90	12254.22	527.20	1764.98	1841.91	1842.03	73.37	1.68
13970.00	89.00	71.50	12255.23	547.29	1825.73	1905.85	1906.00	73.31	1.70
14034.00	89.80	72.40	12255.90	567.12	1886.58	1989.81	1989.98	73.27	1.88
14098.00	89.80	72.00	12256.07	586.68	1947.51	2033.77	2033.86	73.24	1.64
14162.00	90.50	72.30	12255.84	606.30	2008.43	2097.74	2097.95	73.20	1.05
14226.00	89.80	72.20	12255.62	625.81	2068.39	2161.71	2161.94	73.17	1.95
14258.00	89.30	72.20	12255.84	635.59	2098.85	2193.69	2193.94	73.16	1.86
14290.00	88.70	72.20	12256.40	645.38	2130.32	2225.67	2225.93	73.15	1.87
14322.00	88.60	73.20	12257.15	654.89	2160.86	2257.65	2257.92	73.14	3.14
14386.00	88.70	72.90	12258.88	673.54	2222.06	2321.82	2321.90	73.14	1.49
14450.00	88.50	72.90	12260.23	692.35	2283.22	2385.59	2385.88	73.13	1.31
14515.00	86.40	76.20	12263.12	709.65	2345.79	2450.51	2450.78	73.17	6.01
14578.00	87.10	76.20	12266.69	724.65	2406.87	2513.37	2513.60	73.24	1.11
14644.00	87.70	78.50	12268.68	739.08	2471.20	2579.18	2579.36	73.35	3.60

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DAILY INTERVAL

07/10/01 TUE 07:04 FAX 915 581 8892

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
14709.00	88.20	77.70	12272.01	752.48	2534.76	2843.98	2844.10	73.47	1.45
14773.00	88.50	77.80	12273.85	786.06	2597.28	2707.81	2707.90	73.57	.49
14868.00	90.80	78.40	12274.81	787.49	2680.85	2803.66	2803.71	73.69	2.63
14932.00	91.10	75.70	12273.67	802.68	2751.98	2888.62	2888.65	73.74	1.37
14984.00	91.30	75.80	12272.37	817.93	2812.08	2928.57	2928.60	73.78	.36
15059.00	91.30	75.40	12270.90	834.09	2875.00	2993.53	2993.55	73.82	.62
15123.00	91.20	74.70	12269.50	850.60	2936.82	3057.51	3057.52	73.85	1.10
15187.00	91.50	74.70	12267.99	867.48	2998.53	3121.48	3121.50	73.86	.47
15251.00	90.30	74.50	12266.99	884.48	3060.23	3185.47	3185.48	73.88	1.90
15315.00	89.80	74.30	12266.93	901.69	3121.87	3249.47	3249.48	73.89	.84
15377.00	87.70	72.90	12268.28	919.19	3181.33	3311.45	3311.46	73.88	4.07
15441.00	88.60	73.40	12270.35	937.73	3242.55	3375.41	3375.42	73.87	1.61
15535.00	90.20	72.80	12271.34	965.05	3332.48	3469.39	3469.40	73.85	1.82
15600.00	90.40	72.50	12271.00	984.44	3394.52	3534.37	3534.39	73.83	.55
15664.00	91.10	72.40	12270.16	1003.73	3455.54	3598.34	3598.36	73.80	1.10
15728.00	91.00	72.60	12268.99	1022.97	3516.57	3662.30	3662.34	73.78	.35
15792.00	90.60	71.90	12268.09	1042.48	3577.51	3726.31	3726.31	73.75	1.26
15856.00	90.70	71.20	12267.37	1062.74	3638.22	3790.20	3790.26	73.72	1.10
15920.00	90.20	70.10	12266.88	1083.94	3698.60	3854.09	3854.16	73.67	1.89
15984.00	89.80	70.80	12266.86	1105.38	3758.91	3917.96	3918.06	73.61	1.26
16048.00	90.20	70.70	12266.86	1128.48	3819.33	3981.86	3981.98	73.57	.84
16144.00	90.70	71.10	12266.11	1157.87	3910.04	4077.71	4077.88	73.50	.67
16240.00	91.30	69.50	12264.43	1190.22	4000.41	4173.49	4173.71	73.43	1.78
16338.00	91.70	69.70	12261.92	1223.68	4090.36	4269.18	4269.47	73.34	.47
16428.00	92.10	69.20	12258.87	1255.95	4176.45	4360.83	4361.21	73.26	.70
16492.00	91.70	69.80	12256.75	1278.35	4236.37	4424.60	4425.04	73.21	1.13
16557.00	90.40	69.80	12255.56	1300.79	4297.36	4489.41	4489.92	73.16	2.00
16620.00	90.80	69.30	12254.90	1322.80	4356.38	4552.21	4552.79	73.11	1.02
16684.00	90.10	70.20	12254.40	1344.96	4416.42	4616.03	4616.68	73.06	1.78
16747.00	87.10	71.10	12255.93	1365.82	4475.84	4678.90	4679.60	73.03	4.97
16811.00	87.90	72.50	12258.73	1385.79	4536.58	4742.79	4743.52	73.01	2.52

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
16876.00	88.20	71.40	12260.94	1405.92	4598.34	4807.71	4808.47	73.00	1.75
16940.00	88.30	70.90	12262.89	1426.59	4658.88	4871.59	4872.41	72.98	.80
17038.00	89.20	70.90	12264.99	1457.99	4749.58	4967.43	4968.32	72.93	.94
17132.00	90.60	69.90	12265.15	1490.19	4840.01	5063.23	5064.22	72.89	1.79
17228.00	91.70	69.70	12263.23	1523.33	4930.09	5158.95	5160.07	72.83	1.16
17253.00	91.70	69.20	12262.49	1532.11	4953.48	5183.86	5185.01	72.81	2.00
--Projection to Bit--									
17296.00	91.70	68.34	12261.21	1547.67	4993.55	5226.66	5227.89	72.78	2.00

0006

DAILY INTERVAL

07/10/01 TUE 07:04 FAX 915 561 8892
** TOTAL PAGE.06 **