

SILVER TRAIL
Lafayette
#2



SUR: C-17-25s-34e, 1000/N & 1700/W
BHL: D-7-25s-34e, 1088/N & 114/W
API # 30-025-36237

DIRECTIONAL SURVEY REPORT

EOG RESOURCES

RHNU #904 ST 01

LEA COUNTY, NEW MEXICO



PREPARED BY: ROCK BRUNET

PathFinder Energy Services, Inc.
3329 West Pinhook Road, Lafayette, LA 70508
(337) 233-3982

PATHFINDER

ENERGY SERVICES

3329 West Pinhook Road • Lafayette, LA 70508 • Phone: 337-233-3982 or 800-377-3982 • Fax: 337-234-2988

January 16, 2004

EOG RESOURCES, INC.
4000 N. Big Springs Suite 500
Midland, TX 79705

RE: EOG RESOURCES
RHNU #904 ST 01
LEA COUNTY, NEW MEXICO
RIG: MCVAY #10
API NO.: 30-025-36237-01
FILENAME: J-WT-0311-0076

Dear Sir:

We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was run.

SURVEY DATA

- 1 - Original survey report
- 2 - Survey report copies

We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (337) 233-3982.

Sincerely,



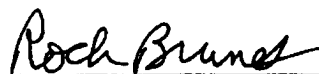
Rock Brunet
Service Coordinator
PathFinder Energy Services

DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY: A) DAVID SCOTT
B) CHANCE HODGES
C) SANDON ROATH
D) JOEY BOUTTE
E) TROY PAREDEZ
3. POSITION OF SAID PERSON(S): (A-E) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 11/28/03 TO 01/02/04
5. STATE IN WHICH SURVEY WAS PERFORMED: ONSHORE, NEW MEXICO
6. LOCATION OF WELL: LEA COUNTY, NEW MEXICO
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

EOG RESOURCES
RHNU #904 ST 01
LEA COUNTY, NEW MEXICO
RIG: MCVAY #10
9. SURVEY CERTIFIED FROM: 11,851 TO 13,767 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE
DISPLACED AT 1,588.40 FEET ON A BEARING OF 266.83 DEGREES FROM THE
CENTER OF THE ROTARY TABLE AT AN INTERPOLATED BIT DEPTH OF 13,849
FEET ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



ROCK BRUNET
SERVICE COORDINATOR

Pathfinder

BHL Report

Page 1
Job No: J-WT-0311-0076
Date: 1/15/2004
Time: 9:05 am
Wellpath ID: rhnu904
Date Created: 11/25/2003
Last Revision: 1/15/2004

*Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 266.42 deg.*

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG RESOURCES

RHNU #904 ST01
LEA CO., NM
RIG: McVAY #10

DECL: 8.0° EAST TO GRID
KBH: 20 FT ROTARY TO GROUND LEVEL

PATHFINDER OFFICE SUPERVISOR:

GLENN COYLE

PATHFINDER ENGINEERS

D. SCOTT / C. HODGES / SANDON ROATH / TROY PAREDEZ

Measured Depth	13849.00	(ft)
Inclination	89.50	(deg)
Azimuth	265.00	(deg)
True Vertical Depth	12254.74	(ft)
Vertical Section	1588.36	(ft)
Rectangular Offsets		
North/South	87.97 S	(ft)
East/West	1585.96W	(ft)
Closure Dist & Dir	1588.40@266.83	(deg)
Dogleg Severity	1.29	(deg/100ft)
Build Rate	-0.88	(deg/100ft)
Walk Rate	-0.95	(deg/100ft)

Pathfinder

Survey Report

Page 1
Job No: J-WT-0311-0076
Date: 1/15/2004
Time: 9:05 am
Wellpath ID: rhnu904
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Vertical Section Plane: 266.42 deg.

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EOG RESOURCES
RHNU #904 ST01
LEA CO., NM
RIG: McVAY #10

DECL: 8.0° EAST TO GRID
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PATHFINDER OFFICE SUPERVISOR:
GLENN COYLE
PATHFINDER ENGINEERS
D. SCOTT / C. HODGES / SANDON ROATH / TROY PAREDEZ

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. Dir. (ft) (deg.)	DLS (dg/100ft)
TIED INTO GYRODATA GYRO SURVEY @ 11738.71' MD.									
11739.00	0.74	98.51	11736.26	0.00	-157.45	58.45 S	161.41 E	171.67@109.91	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.									
11851.00	0.35	31.45	11848.26	112.00	-158.35	58.27 S	162.30 E	172.45@109.75	0.61
11915.00	3.69	276.77	11912.21	64.00	-156.43	57.86 S	160.36 E	170.48@109.84	6.01
11948.00	9.32	275.27	11944.99	33.00	-152.75	57.48 S	156.64 E	166.86@110.15	17.07
11980.00	16.09	274.31	11976.19	32.00	-145.79	56.91 S	149.63 E	160.09@110.82	21.17
12012.00	23.48	271.67	12006.28	32.00	-135.03	56.39 S	138.82 E	149.84@112.11	23.26
12043.00	29.46	271.67	12034.01	31.00	-121.28	55.99 S	125.02 E	136.98@114.13	19.29
12076.00	33.15	274.05	12062.21	33.00	-104.25	55.12 S	107.90 E	121.16@117.06	11.79
12108.00	37.64	274.92	12088.28	32.00	-85.90	53.66 S	89.43 E	104.29@120.97	14.12
12139.00	42.30	274.75	12112.04	31.00	-66.21	51.98 S	69.59 E	86.86@126.76	15.04
12170.00	46.69	274.57	12134.14	31.00	-44.71	50.22 S	47.94 E	69.43@136.33	14.17
12201.00	50.47	274.84	12154.65	31.00	-21.71	48.31 S	24.78 E	54.29@152.85	12.21
12234.00	53.82	275.01	12174.90	33.00	4.05	46.07 S	1.18W	46.09@181.47	10.16
12266.00	57.07	274.84	12193.04	32.00	30.12	43.81 S	27.43W	51.69@212.05	10.17
12298.00	60.67	274.22	12209.58	32.00	57.23	41.65 S	54.74W	68.78@232.73	11.37
12330.00	63.49	273.34	12224.57	32.00	85.27	39.79 S	82.95W	92.00@244.37	9.14
12362.00	66.13	272.38	12238.19	32.00	114.04	38.35 S	111.86W	118.26@251.08	8.69
12394.00	68.85	271.23	12250.44	32.00	143.47	37.42 S	141.41W	146.28@255.18	9.13
12426.00	72.02	270.27	12261.15	32.00	173.53	37.03 S	171.55W	175.50@257.82	10.30
12458.00	74.74	269.91	12270.30	32.00	204.13	36.98 S	202.21W	205.57@259.64	8.57
12490.00	77.47	270.18	12277.99	32.00	235.13	36.96 S	233.27W	236.18@261.00	8.57
12522.00	80.37	270.27	12284.14	32.00	266.46	36.83 S	264.67W	267.23@262.08	9.07
12563.00	83.62	270.53	12289.84	41.00	306.96	36.55 S	305.27W	307.45@263.17	7.95
12663.00	87.05	271.85	12297.98	100.00	406.26	34.48 S	404.90W	406.36@265.13	3.67
START OF SIDETRACK 1									
12690.00	84.59	271.23	12299.94	27.00	433.08	33.75 S	431.81W	433.13@265.53	9.39
12722.00	84.86	274.57	12302.89	32.00	464.74	32.14 S	463.63W	464.75@266.03	10.43
12753.00	87.14	274.66	12305.05	31.00	495.34	29.65 S	494.46W	495.34@266.57	7.36

Pathfinder Survey Report

Page 2
Date: 1/15/2004
Wellpath ID: rhnu904

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. Dir. (ft) (deg.)	DLS (dg/100ft)
12785.00	88.55	274.22	12306.25	32.00	527.01	27.18 S	526.34W	527.04@267.04	4.62
12817.00	90.80	274.10	12306.43	32.00	558.71	24.86 S	558.25W	558.80@267.45	7.04
12848.00	91.98	272.79	12305.68	31.00	589.47	22.99 S	589.18W	589.63@267.77	5.69
12880.00	92.77	271.58	12304.36	32.00	621.28	21.78 S	621.13W	621.51@267.99	4.51
12912.00	93.21	269.74	12302.69	32.00	653.15	21.41 S	653.08W	653.44@268.12	5.90
12944.00	93.21	267.89	12300.89	32.00	685.07	22.07 S	685.03W	685.38@268.15	5.77
12975.00	93.00	266.60	12299.21	31.00	716.02	23.56 S	715.94W	716.33@268.12	4.21
13007.00	93.20	266.50	12297.48	32.00	747.97	25.48 S	747.84W	748.27@268.05	0.70
13039.00	93.70	265.20	12295.56	32.00	779.91	27.79 S	779.70W	780.19@267.96	4.35
13070.00	93.70	265.10	12293.56	31.00	810.84	30.41 S	810.52W	811.09@267.85	0.32
13102.00	93.40	264.40	12291.58	32.00	842.76	33.33 S	842.33W	842.99@267.73	2.38
13133.00	92.86	264.38	12289.88	31.00	873.70	36.35 S	873.13W	873.89@267.62	1.74
13165.00	92.95	264.64	12288.26	32.00	905.64	39.41 S	904.94W	905.80@267.51	0.86
13197.00	92.86	264.90	12286.64	32.00	937.58	42.32 S	936.77W	937.73@267.41	0.86
13229.00	93.30	264.73	12284.92	32.00	969.53	45.21 S	968.59W	969.65@267.33	1.47
13261.00	93.47	265.08	12283.03	32.00	1001.46	48.05 S	1000.41W	1001.56@267.25	1.21
13292.00	94.09	265.61	12280.99	31.00	1032.39	50.56 S	1031.24W	1032.48@267.19	2.63
13324.00	94.44	265.52	12278.61	32.00	1064.29	53.03 S	1063.06W	1064.38@267.14	1.13
13356.00	93.83	265.34	12276.30	32.00	1096.20	55.57 S	1094.87W	1096.28@267.09	1.99
13387.00	93.21	265.52	12274.40	31.00	1127.14	58.04 S	1125.71W	1127.21@267.05	2.08
13419.00	93.21	265.78	12272.60	32.00	1159.09	60.46 S	1157.57W	1159.15@267.01	0.81
13451.00	93.30	265.90	12270.79	32.00	1191.04	62.78 S	1189.44W	1191.09@266.98	0.47
13482.00	93.56	266.40	12268.93	31.00	1221.98	64.85 S	1220.31W	1222.03@266.96	1.82
13514.00	95.30	266.80	12266.46	32.00	1253.88	66.75 S	1252.16W	1253.94@266.95	5.58
13546.00	96.10	267.50	12263.28	32.00	1285.72	68.33 S	1283.96W	1285.78@266.95	3.31
13578.00	96.20	267.30	12259.85	32.00	1317.53	69.77 S	1315.74W	1317.59@266.96	0.70
13610.00	93.47	266.75	12257.16	32.00	1349.41	71.43 S	1347.58W	1349.47@266.97	8.70
13641.00	90.85	266.57	12255.99	31.00	1380.39	73.23 S	1378.51W	1380.45@266.96	8.47
13672.00	90.66	266.31	12255.58	31.00	1411.39	75.16 S	1409.44W	1411.45@266.95	1.04
13704.00	90.84	266.57	12255.16	32.00	1443.38	77.14 S	1441.38W	1443.44@266.94	0.99
13736.00	90.60	266.10	12254.76	32.00	1475.38	79.19 S	1473.31W	1475.44@266.92	1.65
13767.00	90.22	265.78	12254.54	31.00	1506.38	81.38 S	1504.23W	1506.43@266.90	1.60
Interpolated Survey to Bit Depth @13,849' MD.									
13849.00	89.50	265.00	12254.74	82.00	1588.36	87.97 S	1585.96W	1588.40@266.83	1.29