

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

District I
1625 N. French, Hobbs, NM 88240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-015-34483

5. Indicate Type Of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:

NEW WORK ☒ OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

RECEIVED

JUN 06 2006

ARTESIA

2. Name of Operator

EOG Resources Inc.

3. Address of Operator

P.O. Box 2267 Midland, Texas 79702

7. Lease Name or Unit Agreement Name

Brazos B 11 Fee

8. Well No.

1H

9. Pool name or Wildcat

Cottonwood Creek; Wolfcamp West Gas

4. Well Location

Unit Letter **I** : **1730** Feet From The **South** Line and **660** Feet From The **East** Line

Section **11** Township **16S** Range **24E** NMPM **Eddy** County

10. Date Spudded

3/12/06

11. Date T.D. Reached

4/13/06

12. Date Compl. (Ready to Prod.)

5/17/06

13. Elevations (DF & RKB, RT, GR, etc.)

3562 GR

14. Elev. Casinghead

15. Total Depth

7842 M - 4522 V

16. Plug Back T.D.

7625

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

4875 - 7500 Wolfcamp

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7	23	917	9 7/8	770 PP, 100 Prem Thixset	
4 1/2	11.6	7625	6 1/8	500 Interfill C, 240 Prem	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	4157	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

6858' - 7500', 0.43", 48 holes

5900' - 6500', 0.42", 48 holes

4875' - 5600', 0.42", 48 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4875 - 7500	Frac w/ 97670 # 100 mesh sd;
	134050 40/70 white sd; 105110 #
	20/40 white sd; 15171 bbls water

28. PRODUCTION

Date First Production 5/17/06		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Producing	
Date of Test 5/27/06	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 578	Water - Bbl. 44	Gas - Oil Ratio	
Flow Tubing Press. 130	Casing Pressure 300	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

30. List Attachments

C-103, C-104, Directional Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature



Printed Name

Stan Wagner

Title **Regulatory Analyst** Date **6/2/06**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northeastern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 358	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta 1611	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 2955	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo 3638	T. _____	T. Wingate _____	T. _____
T. Wolfcamp 4564	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-34483
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
EOG Resources Inc.

3. Address of Operator
P.O. Box 2267 Midland, Texas 79702

4. Well Location

Unit Letter **I**; **1730** feet from the **South** line and **660** feet from the **East** line

Section **11** Township **16S** Range **24E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3562 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: **completion** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

4/13/06 TD lateral @ 7842' MD.

4/20/06 Ran 192 jts 4 1/2" production casing set @ 7625'.

4/21/06 Cemented w/ 500 sx Interfill C, 11.9 ppg, 2.38 yield; 240 sx Premium, 14.8 ppg, 2.57 yield. Circulated 50 sx to surface. Released rig.

4/25/06 Tested casing in stages to 6250 psi for 30 min. Test good.

5/01/06 MIRU completion rig. Prep to perforate.

5/03/06 Perforate from 6858' to 7500', 0.43", 48 holes. Shut in, prep to frac.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 5/19/06

Type or print name **Stan Wagner**

E-mail address:

Telephone No. **432 686 3689**

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

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Office
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State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-34483
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
EOG Resources Inc.

3. Address of Operator
P.O. Box 2267 Midland, Texas 79702

4. Well Location
Unit Letter **I** : **1730** feet from the **South** line and **660** feet from the **East** line
Section **11** Township **16S** Range **24E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3562 GR

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

7. Lease Name or Unit Agreement Name: Brazos B 11 Fee
8. Well Number 1H
9. OGRID Number 7377
10. Pool name or Wildcat Cottonwood Creek; Wolfcamp West Gas

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: **completion** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

5/12/06 Frac w/ 27960 lbs 100 mesh sand; 36910 lbs 40/70 white sand; 32890 lbs 20/40 white sand; 4333 bbls water.
Perforate from 5900' to 6500', 0.42", 48 holes.
Frac w/ 25540 lbs 100 mesh sand; 41990 lbs 40/70 white sand; 32580 lbs 20/40 white sand; 4370 bbls water.
Perforate from 4875' to 5600', 0.42", 48 holes.
Frac w/ 44170 lbs 100 mesh sand; 55150 lbs 40/70 white sand; 39640 lbs 20/70 white sand; 6043 bbls water.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 5/19/06

Type or print name Stan Wagner E-mail address: _____ Telephone No. 432 686 3689

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

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State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-34483
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Brazos B 11 Fee
8. Well Number 1H
9. OGRID Number 7377
10. Pool name or Wildcat Cottonwood Creek; Wolfcamp West Gas

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1. Type of Well: Oil Well ☐ Gas Well ☒ Other	RECEIVED JUN 06 2006 OIL CONSERVATION DIVISION
2. Name of Operator EOG Resources Inc.	
3. Address of Operator P.O. Box 2267 Midland, Texas 79702	
4. Well Location Unit Letter I : 1730 feet from the South line and 660 feet from the East line Section 11 Township 16S Range 24E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3562 GR	
Pit or Below-grade Tank Application ☐ or Closure ☐	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
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PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: **completion** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

5/13/06 Drill out frac plugs and clean out.
5/15/06 RIH w/ 2 3/8" production tubing set @ 4157'.
Flow back to clean up.
5/17/06 Turned to sales.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 5/19/06

Type or print name Stan Wagner E-mail address: _____ Telephone No. 432 686 3689

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State of New Mexico

Energy, Minerals, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-34483	² Pool Code 75260	³ Pool Name Cottonwood Creek; Wolfcamp, West (Gas)
⁴ Property Code	⁵ Property Name BRAZOS "B" 11	⁶ Well Number 1H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3562'

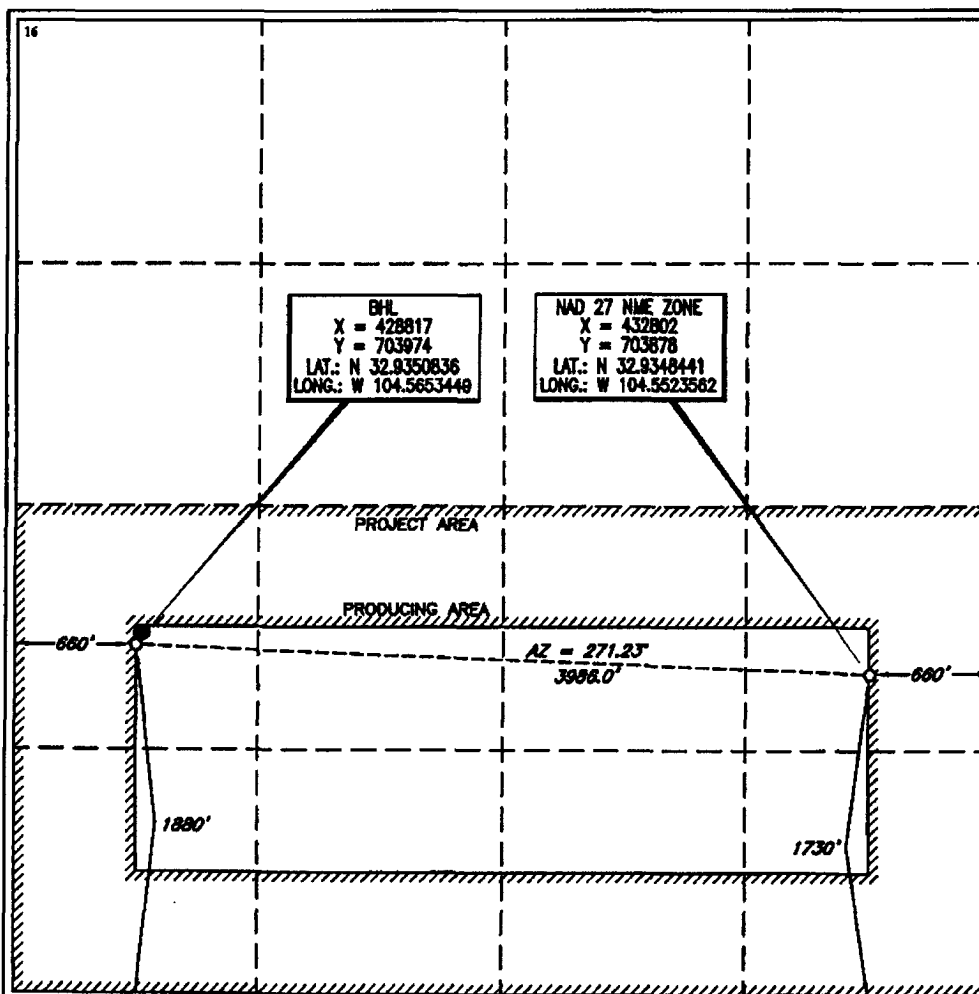
¹⁰ **Surface Location**

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
I	11	16 SOUTH	24 EAST, N.M.P.M.		1730'	SOUTH	660'	EAST	EDDY

¹¹ **Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	11	16 SOUTH	24 EAST, N.M.P.M.		1976	SOUTH	1152	WEST	EDDY
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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



¹⁷ **OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Stan Wagner
Signature

Stan Wagner
Printed Name

Regulatory Analyst
Title

6/2/06
Date

¹⁸ **SURVEYOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

NOVEMBER 9, 2005
Date of Survey

V. L. Bezner
Signature of Registered Professional Surveyor

V. L. BEZNER
Certification Number

R.P.S. #7920
JOB #107981 / 101 NE / J.W.W.



Scientific Drilling

E.O.G.

Field: Brazos
Site: Eddy County, NM
Well: Brazos B 11 Fee #1H
Wellpath: VH - Job #32K0306251
Survey: 03/27/06

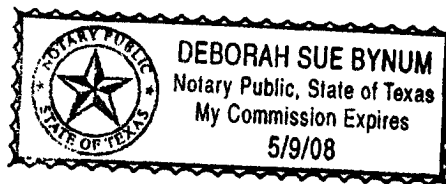
This survey is correct to the best of my knowledge
and is supported by actual field data.

Deborah Sue Bynum Company Representative

Notorized this date 15th of May, 2006.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: E.O.G.	Date: 05/15/2006	Time: 10:11:48	Page: 1
Field: Brazos	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Brazos B 11 Fee #1H	Section (VS) Reference:	Well (0.00N,0.00E,151.19Azi)	
Wellpath: VH - Job #32K0306251	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 03/27/06	Start Date: 03/27/2006
KSRG 0'-4768'	
Company: Scientific Drilling Internatio	Engineer: Madrid w/Rotary
Tool: Keeper;Keeper Surface Readout Gyro	Tied-to: From Surface

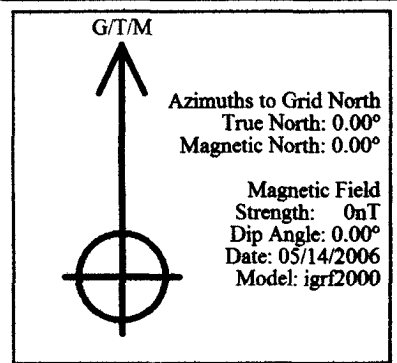
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClbD ft	ClbA deg
0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	2.10	165.82	99.98	1.77	-1.78	0.45	2.10	1.83	165.82
200.00	2.14	169.92	199.91	5.31	-5.39	1.22	0.16	5.53	167.20
300.00	1.88	162.03	299.85	8.69	-8.79	2.06	0.38	9.03	166.83
400.00	1.86	158.59	399.79	11.91	-11.86	3.16	0.11	12.27	165.10
500.00	1.77	162.80	499.74	15.04	-14.85	4.20	0.16	15.43	164.19
600.00	1.38	162.23	599.71	17.73	-17.47	5.03	0.39	18.18	163.94
700.00	1.56	175.31	699.67	20.15	-19.97	5.51	0.38	20.72	164.58
800.00	1.22	191.38	799.64	22.21	-22.37	5.41	0.51	23.02	166.41
900.00	1.14	202.59	899.62	23.64	-24.33	4.82	0.24	24.81	168.80
1000.00	0.59	188.32	999.61	24.68	-25.76	4.36	0.59	26.13	170.39
1100.00	0.51	206.83	1099.61	25.34	-26.67	4.08	0.19	26.98	171.29
1200.00	0.36	206.46	1199.60	25.77	-27.35	3.74	0.15	27.60	172.20
1300.00	0.20	236.85	1299.60	25.96	-27.72	3.46	0.21	27.94	172.89
1400.00	0.29	225.49	1399.60	26.04	-28.00	3.13	0.10	28.17	173.62
1500.00	0.12	275.93	1499.60	26.05	-28.16	2.85	0.23	28.31	174.23
1600.00	0.32	298.75	1599.60	25.75	-28.02	2.50	0.21	28.13	174.91
1700.00	0.29	301.99	1699.60	25.30	-27.75	2.04	0.03	27.83	175.80
1800.00	0.06	25.89	1799.60	25.05	-27.57	1.85	0.29	27.63	176.17
1900.00	1.24	29.50	1899.59	24.45	-26.58	2.40	1.18	26.69	174.84
2000.00	1.44	35.66	1999.56	23.34	-24.62	3.67	0.25	24.89	171.53
2100.00	0.94	50.06	2099.54	22.64	-23.07	5.03	0.58	23.61	167.70
2200.00	0.67	65.64	2199.53	22.53	-22.30	6.19	0.35	23.15	164.49
2300.00	0.57	62.25	2299.53	22.58	-21.83	7.16	0.11	22.97	161.83
2400.00	1.04	59.45	2399.52	22.56	-21.14	8.39	0.47	22.74	158.36
2500.00	1.19	50.81	2499.50	22.35	-20.02	9.97	0.22	22.37	153.52
2600.00	0.66	345.25	2599.49	21.60	-18.81	10.63	1.10	21.60	150.52
2700.00	0.50	334.65	2699.48	20.61	-17.85	10.30	0.19	20.61	150.03
2800.00	0.57	299.40	2799.48	19.75	-17.22	9.68	0.33	19.75	150.66
2900.00	0.77	269.76	2899.47	19.00	-16.97	8.57	0.39	19.02	153.21
3000.00	0.66	286.86	2999.46	18.27	-16.81	7.35	0.24	18.35	156.39
3100.00	0.70	284.36	3099.46	17.44	-16.49	6.20	0.05	17.62	159.38
3200.00	0.30	334.10	3199.45	16.76	-16.11	5.50	0.56	17.02	161.15
3300.00	0.48	51.23	3299.45	16.43	-15.61	5.71	0.51	16.62	159.90
3400.00	0.66	77.18	3399.45	16.51	-15.22	6.60	0.31	16.59	156.56
3500.00	0.61	62.00	3499.44	16.68	-14.84	7.63	0.17	16.69	152.79
3600.00	0.61	79.53	3599.43	16.86	-14.49	8.62	0.19	16.86	149.25
3700.00	0.57	102.02	3699.43	17.35	-14.50	9.63	0.23	17.41	146.40
3800.00	0.79	168.61	3799.42	18.33	-15.28	10.26	0.77	18.40	146.13
3900.00	0.97	173.51	3899.41	19.77	-16.80	10.49	0.19	19.80	148.02
4000.00	0.98	166.59	3999.40	21.38	-18.47	10.78	0.12	21.39	149.72
4100.00	0.76	142.53	4099.39	22.86	-19.83	11.38	0.42	22.86	150.14
4200.00	0.81	128.53	4199.38	24.17	-20.79	12.34	0.20	24.18	149.31
4300.00	0.67	151.13	4299.37	25.40	-21.75	13.18	0.32	25.43	148.79
4400.00	0.51	150.93	4399.36	26.43	-22.65	13.67	0.16	26.46	148.88
4500.00	0.49	148.29	4499.36	27.31	-23.40	14.12	0.03	27.33	148.90
4600.00	0.73	164.00	4599.35	28.35	-24.38	14.52	0.29	28.37	149.23
4700.00	0.89	181.07	4699.34	29.65	-25.76	14.68	0.29	29.65	150.33
4768.00	0.91	170.71	4767.33	30.62	-26.83	14.75	0.24	30.62	151.19



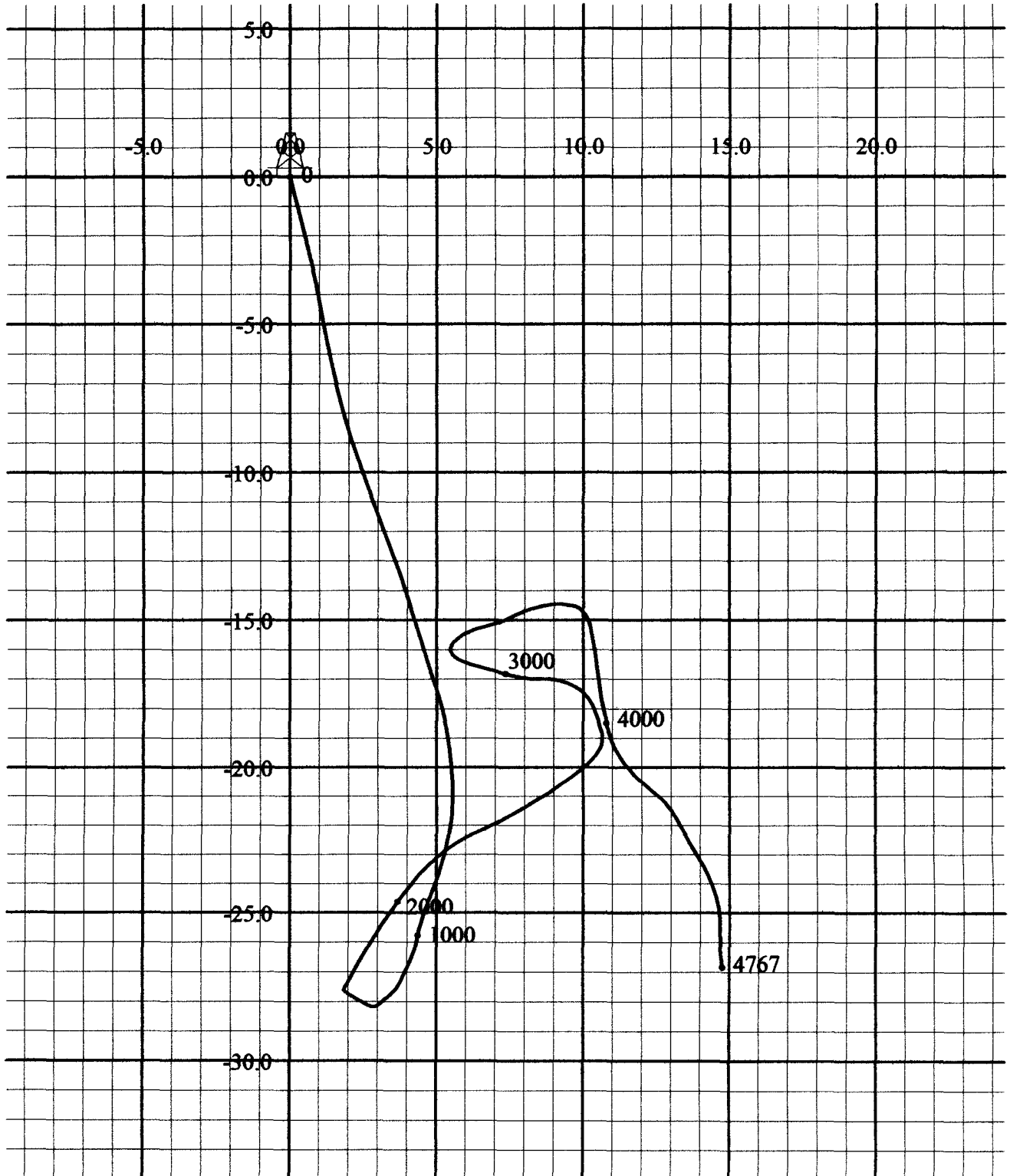
**Scientific
Drilling**

Field: Brazos
Site: Eddy County, NM
Well: Brazos B 11 Fee #1H
Wellpath: VH - Job #32K0306251
Survey: 03/27/06



West(-)/East(+) [5ft/in]

South(-)/North(+) [5ft/in]



Pathfinder Energy

Survey Report - Geographic

Company: EOG Resources Field: Thames Field Site: Brazos B 11 Fee #1-H Well: Brazos B11 Fee #1-H Wellpath: Original Hole	Date: 4/20/2006 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 16:10:27 Site: Brazos B 11 Fee #1-H, Grid North System: Mean Sea Level Well (0.00N,0.00E,271.38Azi) Minimum Curvature	Page: 1 Db: Sybase
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Field: Thames Field Eddy, Co. NM USA Map System: US State Plane Coordinate System 1927 Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level	Map Zone: New Mexico, Eastern Zone Coordinate System: Site Centre Geomagnetic Model: igrf2005
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Site: Brazos B 11 Fee #1-H Eddy County, New Mexico Section 11; T16S; R24E; N.M.P.M. Site Position: From: Map Position Uncertainty: 0.00 ft Ground Level: 3562.00 ft	Northing: 703878.00 ft Easting: 432802.00 ft Latitude: 32 56 5.438 N Longitude: 104 33 8.481 W North Reference: Grid Grid Convergence: -0.12 deg
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Well: Brazos B11 Fee #1-H Horizontal Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft	Slot Name: Northing: 703878.00 ft Easting: 432802.00 ft Latitude: 32 56 5.438 N Longitude: 104 33 8.481 W
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Wellpath: Original Hole Current Datum: Mean Sea Level Magnetic Data: 3/29/2006 Field Strength: 49494 nT Vertical Section: Depth From (TVD) ft	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 8.70 deg Mag Dip Angle: 60.80 deg +N/-S ft +E/-W ft Direction deg
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Survey: Pathfinder MWD Survey Company: PathFinder Energy Services Tool:	Start Date: 4/3/2006 Engineer: Tied-to: From: Definitive Path
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Survey: Pathfinder MWD Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec		← Longitude → Deg Min Sec	
4094.00	0.77	144.32	4093.39	-19.79	11.40	703858.21	432813.40	32	56	5.243 N	104 33 8.347 W
4111.00	1.49	216.94	4110.38	-20.06	11.33	703857.94	432813.33	32	56	5.240 N	104 33 8.347 W
4143.00	5.28	242.87	4142.32	-21.06	9.77	703856.94	432811.77	32	56	5.230 N	104 33 8.366 W
4175.00	10.55	249.99	4174.01	-22.74	5.71	703855.26	432807.71	32	56	5.213 N	104 33 8.413 W
4207.00	15.74	248.85	4205.16	-25.31	-1.10	703852.69	432800.90	32	56	5.188 N	104 33 8.493 W
4239.00	20.22	247.79	4235.59	-28.97	-10.27	703849.03	432791.73	32	56	5.151 N	104 33 8.601 W
4271.00	24.01	250.34	4265.23	-33.25	-21.52	703844.75	432780.48	32	56	5.109 N	104 33 8.733 W
4303.00	27.44	254.65	4294.06	-37.39	-34.77	703840.61	432767.23	32	56	5.067 N	104 33 8.888 W
4335.00	31.92	259.31	4321.85	-40.91	-50.20	703837.09	432751.80	32	56	5.032 N	104 33 9.069 W
4367.00	36.76	263.17	4348.27	-43.62	-68.04	703834.38	432733.96	32	56	5.005 N	104 33 9.278 W
4399.00	41.06	264.40	4373.17	-45.79	-88.01	703832.21	432713.99	32	56	4.983 N	104 33 9.512 W
4431.00	43.79	266.07	4396.79	-47.58	-109.52	703830.42	432692.48	32	56	4.965 N	104 33 9.765 W
4462.00	46.87	269.59	4418.58	-48.39	-131.55	703829.61	432670.45	32	56	4.957 N	104 33 10.023 W
4494.00	51.09	273.90	4439.58	-47.63	-155.66	703830.37	432646.34	32	56	4.964 N	104 33 10.306 W
4526.00	54.87	275.21	4458.85	-45.59	-181.12	703832.41	432620.88	32	56	4.983 N	104 33 10.605 W
4557.00	57.68	275.13	4476.06	-43.27	-206.80	703834.73	432595.20	32	56	5.006 N	104 33 10.906 W
4589.00	60.15	274.69	4492.58	-40.92	-234.10	703837.08	432567.90	32	56	5.028 N	104 33 11.227 W
4621.00	62.43	274.60	4507.95	-38.65	-262.07	703839.35	432539.93	32	56	5.050 N	104 33 11.555 W
4653.00	64.89	274.16	4522.15	-36.46	-290.67	703841.54	432511.33	32	56	5.071 N	104 33 11.891 W
4685.00	67.44	273.37	4535.08	-34.54	-319.87	703843.46	432482.13	32	56	5.090 N	104 33 12.233 W
4712.34	69.99	273.22	4545.00	-33.08	-345.30	703844.92	432456.70	32	56	5.104 N	104 33 12.532 W
4717.00	70.43	273.19	4546.58	-32.84	-349.68	703845.16	432452.32	32	56	5.106 N	104 33 12.583 W
4749.00	73.78	272.93	4556.41	-31.21	-380.08	703846.79	432421.92	32	56	5.121 N	104 33 12.940 W

Pathfinder Energy

Survey Report - Geographic

Company: EOG Resources Field: Thames Field Site: Brazos B 11 Fee #1-H Well: Brazos B11 Fee #1-H Wellpath: Original Hole	Date: 4/20/2006 Time: 16:10:27 Page: 2 Co-ordinate(NE) Reference: Site: Brazos B 11 Fee #1-H, Grid North Vertical (TVD) Reference: System: Mean Sea Level Section (VS) Reference: Well (0.00N,0.00E,271.38Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey: Pathfinder MWD Survey

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →		
								Deg	Min	Sec	Deg	Min	Sec
4781.00	77.38	272.67	4564.38	-29.70	-411.03	703848.30	432390.97	32	56	5.136 N	104	33	13.303 W
4812.00	81.87	272.40	4569.96	-28.35	-441.49	703849.65	432360.51	32	56	5.148 N	104	33	13.660 W
4844.00	86.53	273.11	4573.19	-26.82	-473.28	703851.18	432328.72	32	56	5.163 N	104	33	14.033 W
4849.00	86.93	273.12	4573.48	-26.55	-478.26	703851.45	432323.74	32	56	5.166 N	104	33	14.092 W
4876.00	89.08	273.19	4574.42	-25.06	-505.20	703852.94	432296.80	32	56	5.180 N	104	33	14.408 W
4908.00	89.43	273.81	4574.83	-23.11	-537.14	703854.89	432264.86	32	56	5.198 N	104	33	14.783 W
4940.00	90.57	274.25	4574.83	-20.86	-569.06	703857.14	432232.94	32	56	5.220 N	104	33	15.158 W
5003.00	89.89	273.92	4574.58	-16.37	-631.90	703861.63	432170.10	32	56	5.263 N	104	33	15.895 W
5067.00	90.66	274.09	4574.27	-11.90	-695.74	703866.10	432106.26	32	56	5.306 N	104	33	16.644 W
5130.00	91.84	275.92	4572.90	-6.41	-758.48	703871.59	432043.52	32	56	5.359 N	104	33	17.380 W
5195.00	92.59	272.69	4570.38	-1.53	-823.24	703876.47	431978.76	32	56	5.406 N	104	33	18.140 W
5259.00	92.77	273.44	4567.39	1.89	-887.08	703879.89	431914.92	32	56	5.438 N	104	33	18.890 W
5323.00	92.59	273.15	4564.40	5.56	-950.91	703883.56	431851.09	32	56	5.473 N	104	33	19.639 W
5386.00	92.33	272.89	4561.70	8.88	-1013.76	703886.88	431788.24	32	56	5.505 N	104	33	20.376 W
5450.00	91.54	271.88	4559.53	11.54	-1077.67	703889.54	431724.33	32	56	5.530 N	104	33	21.126 W
5514.00	92.07	272.53	4557.52	14.00	-1141.59	703892.00	431660.41	32	56	5.553 N	104	33	21.876 W
5578.00	90.92	271.40	4555.85	16.19	-1205.53	703894.19	431596.47	32	56	5.573 N	104	33	22.626 W
5642.00	90.31	271.25	4555.16	17.67	-1269.51	703895.67	431532.49	32	56	5.587 N	104	33	23.377 W
5706.00	89.25	269.74	4555.41	18.22	-1333.50	703896.22	431468.50	32	56	5.591 N	104	33	24.128 W
5770.00	91.28	271.19	4555.11	18.74	-1397.49	703896.74	431404.51	32	56	5.595 N	104	33	24.879 W
5833.00	92.33	272.62	4553.13	20.84	-1460.42	703898.84	431341.58	32	56	5.614 N	104	33	25.617 W
5897.00	88.90	269.74	4552.44	22.15	-1524.39	703900.15	431277.61	32	56	5.626 N	104	33	26.368 W
5961.00	90.84	271.19	4552.59	22.67	-1588.38	703900.67	431213.62	32	56	5.629 N	104	33	27.119 W
6024.00	90.13	271.18	4552.05	23.98	-1651.37	703901.98	431150.63	32	56	5.641 N	104	33	27.858 W
6088.00	90.40	270.89	4551.76	25.13	-1715.36	703903.13	431086.64	32	56	5.651 N	104	33	28.609 W
6151.00	91.10	270.27	4550.93	25.77	-1778.35	703903.77	431023.65	32	56	5.656 N	104	33	29.348 W
6215.00	92.42	270.14	4548.97	26.00	-1842.31	703904.00	430959.69	32	56	5.657 N	104	33	30.099 W
6280.00	93.47	270.77	4545.63	26.51	-1907.22	703904.51	430894.78	32	56	5.661 N	104	33	30.860 W
6344.00	92.77	271.09	4542.14	27.55	-1971.12	703905.55	430830.88	32	56	5.670 N	104	33	31.610 W
6409.00	92.95	270.66	4538.90	28.54	-2036.03	703906.54	430765.97	32	56	5.678 N	104	33	32.372 W
6473.00	91.10	270.74	4536.64	29.32	-2099.98	703907.32	430702.02	32	56	5.684 N	104	33	33.122 W
6537.00	91.19	271.31	4535.36	30.47	-2163.96	703908.47	430638.04	32	56	5.694 N	104	33	33.873 W
6601.00	90.48	271.39	4534.43	31.98	-2227.94	703909.98	430574.06	32	56	5.708 N	104	33	34.623 W
6665.00	90.75	271.28	4533.74	33.47	-2291.92	703911.47	430510.08	32	56	5.721 N	104	33	35.374 W
6728.00	90.66	271.43	4532.97	34.96	-2354.89	703912.96	430447.11	32	56	5.735 N	104	33	36.113 W
6760.00	91.01	271.85	4532.50	35.87	-2386.88	703913.87	430415.12	32	56	5.743 N	104	33	36.488 W
6824.00	91.36	271.45	4531.18	37.72	-2450.84	703915.72	430351.16	32	56	5.760 N	104	33	37.239 W
6888.00	90.81	271.65	4529.96	39.45	-2514.80	703917.45	430287.20	32	56	5.776 N	104	33	37.990 W
6951.00	89.78	271.88	4529.64	41.39	-2577.77	703919.39	430224.23	32	56	5.794 N	104	33	38.728 W
7015.00	91.36	272.95	4529.00	44.08	-2641.71	703922.08	430160.29	32	56	5.819 N	104	33	39.479 W
7078.00	91.45	272.98	4527.46	47.34	-2704.60	703925.34	430097.40	32	56	5.850 N	104	33	40.217 W
7142.00	90.22	272.20	4526.52	50.23	-2768.53	703928.23	430033.47	32	56	5.877 N	104	33	40.967 W
7206.00	89.43	271.88	4526.72	52.51	-2832.49	703930.51	429969.51	32	56	5.898 N	104	33	41.718 W
7270.00	88.99	271.09	4527.60	54.17	-2896.46	703932.17	429905.54	32	56	5.913 N	104	33	42.468 W
7334.00	87.93	269.99	4529.32	54.77	-2960.43	703932.77	429841.57	32	56	5.918 N	104	33	43.219 W
7398.00	89.78	270.67	4530.60	55.14	-3024.41	703933.14	429777.59	32	56	5.920 N	104	33	43.970 W
7462.00	91.71	272.22	4529.77	56.75	-3088.38	703934.75	429713.62	32	56	5.935 N	104	33	44.720 W
7526.00	91.36	271.65	4528.06	58.91	-3152.32	703936.91	429649.68	32	56	5.955 N	104	33	45.471 W
7590.00	91.71	271.58	4526.34	60.72	-3216.28	703938.72	429585.72	32	56	5.971 N	104	33	46.221 W
7654.00	91.89	270.78	4524.33	62.03	-3280.23	703940.03	429521.77	32	56	5.983 N	104	33	46.971 W
7718.00	90.66	270.64	4522.91	62.83	-3344.21	703940.83	429457.79	32	56	5.989 N	104	33	47.722 W
7781.00	89.96	268.99	4522.57	62.62	-3407.20	703940.62	429394.80	32	56	5.986 N	104	33	48.461 W

Pathfinder Energy

Survey Report - Geographic

Company: EOG Resources Field: Thames Field Site: Brazos B 11 Fee #1-H Well: Brazos B11 Fee #1-H Wellpath: Original Hole	Date: 4/20/2006 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 16:10:27 Site: Brazos B 11 Fee #1-H, Grid North System: Mean Sea Level Well (0.00N,0.00E,271.38Azi): Minimum Curvature	Page: 3 Db: Sybase
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Survey: Pathfinder MWD Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
7842.00	89.96	268.99	4522.61	61.55	-3468.19	703939.55	429333.81	32	56	5.974 N	104	33	49.177 W

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
PBHL			4545.00	96.00	-3985.00	703974.00	428817.00	32	56	6.304 N	104	33	55.242 W

Annotation

MD ft	TVD ft	
4094.00	4093.39	KOP @ 4094' MD 4093' TVD
4094.00	4093.39	Begin 11.97° /100 Build Rate
4849.00	4573.48	Land Curve @ 4849' MD 4576' TVD



PATHFINDER

Field: Thames Field
Site: Brazos B 11 Fee #1-H
Well: Brazos B 11 Fee #1-H
Wellpath: Original Hole
Survey: Pathfinder MWD Survey

Survey: Pathfinder MWD Survey (Brazos B 11 Fee #1-H Original Hole)										
No	MD	Inc	Az	TVD	+E/W	+N/S	DLog	Thick	VSec	
1	4694.00	0.77	144.32	4093.39	-19.79	11.40	0.00	-11.87	0.00	
2	4711.00	1.59	145.75	4100.35	-20.06	11.33	0.18	-11.81	0.00	
3	4728.00	2.41	147.18	4107.31	-20.33	11.26	0.36	-11.75	0.00	
4	4745.00	3.23	148.61	4114.27	-20.60	11.19	0.54	-11.69	0.00	
5	4762.00	4.05	150.04	4121.23	-20.87	11.12	0.72	-11.63	0.00	
6	4779.00	4.87	151.47	4128.19	-21.14	11.05	0.90	-11.57	0.00	
7	4796.00	5.69	152.90	4135.15	-21.41	10.98	1.08	-11.51	0.00	
8	4813.00	6.51	154.33	4142.11	-21.68	10.91	1.26	-11.45	0.00	
9	4830.00	7.33	155.76	4149.07	-21.95	10.84	1.44	-11.39	0.00	
10	4847.00	8.15	157.19	4156.03	-22.22	10.77	1.62	-11.33	0.00	
11	4864.00	8.97	158.62	4162.99	-22.49	10.70	1.80	-11.27	0.00	
12	4881.00	9.79	160.05	4169.95	-22.76	10.63	1.98	-11.21	0.00	
13	4898.00	10.61	161.48	4176.91	-23.03	10.56	2.16	-11.15	0.00	
14	4915.00	11.43	162.91	4183.87	-23.30	10.49	2.34	-11.09	0.00	
15	4932.00	12.25	164.34	4190.83	-23.57	10.42	2.52	-11.03	0.00	
16	4949.00	13.07	165.77	4197.79	-23.84	10.35	2.70	-10.97	0.00	
17	4966.00	13.89	167.20	4204.75	-24.11	10.28	2.88	-10.91	0.00	
18	4983.00	14.71	168.63	4211.71	-24.38	10.21	3.06	-10.85	0.00	
19	5000.00	15.53	170.06	4218.67	-24.65	10.14	3.24	-10.79	0.00	
20	5017.00	16.35	171.49	4225.63	-24.92	10.07	3.42	-10.73	0.00	
21	5034.00	17.17	172.92	4232.59	-25.19	10.00	3.60	-10.67	0.00	
22	5051.00	17.99	174.35	4239.55	-25.46	9.93	3.78	-10.61	0.00	
23	5068.00	18.81	175.78	4246.51	-25.73	9.86	3.96	-10.55	0.00	
24	5085.00	19.63	177.21	4253.47	-26.00	9.79	4.14	-10.49	0.00	
25	5102.00	20.45	178.64	4260.43	-26.27	9.72	4.32	-10.43	0.00	
26	5119.00	21.27	180.07	4267.39	-26.54	9.65	4.50	-10.37	0.00	
27	5136.00	22.09	181.50	4274.35	-26.81	9.58	4.68	-10.31	0.00	
28	5153.00	22.91	182.93	4281.31	-27.08	9.51	4.86	-10.25	0.00	
29	5170.00	23.73	184.36	4288.27	-27.35	9.44	5.04	-10.19	0.00	
30	5187.00	24.55	185.79	4295.23	-27.62	9.37	5.22	-10.13	0.00	
31	5204.00	25.37	187.22	4302.19	-27.89	9.30	5.40	-10.07	0.00	
32	5221.00	26.19	188.65	4309.15	-28.16	9.23	5.58	-10.01	0.00	
33	5238.00	27.01	190.08	4316.11	-28.43	9.16	5.76	-9.95	0.00	
34	5255.00	27.83	191.51	4323.07	-28.70	9.09	5.94	-9.89	0.00	
35	5272.00	28.65	192.94	4330.03	-28.97	9.02	6.12	-9.83	0.00	
36	5289.00	29.47	194.37	4336.99	-29.24	8.95	6.30	-9.77	0.00	
37	5306.00	30.29	195.80	4343.95	-29.51	8.88	6.48	-9.71	0.00	
38	5323.00	31.11	197.23	4350.91	-29.78	8.81	6.66	-9.65	0.00	
39	5340.00	31.93	198.66	4357.87	-30.05	8.74	6.84	-9.59	0.00	
40	5357.00	32.75	200.09	4364.83	-30.32	8.67	7.02	-9.53	0.00	
41	5374.00	33.57	201.52	4371.79	-30.59	8.60	7.20	-9.47	0.00	
42	5391.00	34.39	202.95	4378.75	-30.86	8.53	7.38	-9.41	0.00	
43	5408.00	35.21	204.38	4385.71	-31.13	8.46	7.56	-9.35	0.00	
44	5425.00	36.03	205.81	4392.67	-31.40	8.39	7.74	-9.29	0.00	
45	5442.00	36.85	207.24	4399.63	-31.67	8.32	7.92	-9.23	0.00	
46	5459.00	37.67	208.67	4406.59	-31.94	8.25	8.10	-9.17	0.00	
47	5476.00	38.49	210.10	4413.55	-32.21	8.18	8.28	-9.11	0.00	
48	5493.00	39.31	211.53	4420.51	-32.48	8.11	8.46	-9.05	0.00	
49	5510.00	40.13	212.96	4427.47	-32.75	8.04	8.64	-8.99	0.00	
50	5527.00	40.95	214.39	4434.43	-33.02	7.97	8.82	-8.93	0.00	
51	5544.00	41.77	215.82	4441.39	-33.29	7.90	9.00	-8.87	0.00	
52	5561.00	42.59	217.25	4448.35	-33.56	7.83	9.18	-8.81	0.00	
53	5578.00	43.41	218.68	4455.31	-33.83	7.76	9.36	-8.75	0.00	
54	5595.00	44.23	220.11	4462.27	-34.10	7.69	9.54	-8.69	0.00	
55	5612.00	45.05	221.54	4469.23	-34.37	7.62	9.72	-8.63	0.00	

