

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 19 2008
OCD-ARTESIA

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

2 Name of Operator
EOG Resources Inc.

3a. Address
P.O. Box 2267 Midland, Texas 79702

3b Phone No. (include area code)
432-686-3689

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
1880' FSL & 660' FEL, U/L I
Sec 3, T18S, R23E

5 Lease Serial No.

NM 100530

6 If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Chama 3 Fed 1H

9 API Well No

30-015-36007

10. Field and Pool, or Exploratory Area
Gopher; Wolfcamp

11. County or Parish, State

Eddy

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	completion
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

2/08/08 TD at 8220' MD.

RIH w/ 181 jts 5-1/2", 17 #, N-80 casing set at 8197'.

2/09/08 Cemented w/ 630 sx 50/50 POZ C, 11.8 ppg, 2.29 yield; 745 sx 50/50 POZ C, 14.2 ppg, 1.30 yield.
Circulated 200 sx cement to surface. Released rig.

2/17/08 MIRU for completion.

Perforated from 7465' to 8135', 0.42", 32 holes.

2/19/08 Frac w/ 142 bbls 15% HCL acid, 446 bbls XL gel, 79000 lbs 100 mesh sand, 75000 lbs 30/70 sand, 30000 lbs 20/40 sand, 5875 bbls load water.

Perforated from 6565' to 7240', 0.42", 32 holes.

Frac w/ 142 bbls 15% HCL acid, 482 bbls XL gel, 79000 lbs 100 mesh sand, 75000 lbs 30/70 sand, 30000 lbs 20/40 sand, 5855 bbls load water.

Perforated from 5665' to 6340', 0.42", 32 holes.

Frac w/ 142 bbls 15% HCL acid, 482 bbls XL gel, 79000 lbs 100 mesh sand, 75000 lbs 30/70 sand, 30000 lbs 20/40 sand, 5821 bbls load water.

2/20/08 Perforated from 4750' to 5440', 0.42", 32 holes.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Date 2/25/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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2. Name of Operator
EOG Resources Inc.

3a. Address
P.O. Box 2267 Midland, Texas 79702

3b. Phone No. (include area code)
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Chama 3 Fed 1H

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11. County or Parish, State

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TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other <u>completion</u> |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

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2/20/08 Frac w/ 320 bbls 7.5 % HCL acid, 553 bbls XL gel, 79000 lbs 100 mesh sand, 90000 lbs 30/70 sand, 36680 lbs 20/40 sand, 6278 bbls load water. Flowback.

2/21/08 RIH w/ 2-3/8" production tubing set at 5347'.

2/22/08 Turned to sales.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Date **2/25/08**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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SCIENTIFIC DRILLING CONTROLS

KEEPER GYRO SURVEY

Directional Survey Report

for

F06

Well Number	:	CHAMA 3 FED #1
Well Location	:	EDDY COUNTY, NEW MEXICO
Job Number	:	37K0208082
Location Latitude	:	32.775
Survey Date	:	1-FEB-2008
S.D.C. Personnel	:	JOHNNY PENA
Length Units	:	Feet
North Reference	:	GRID North
Grid Correction	:	0.18 Degrees
Survey Depth Zero	:	RKR
Proposal Direction	:	268.95
Calculation Method	:	Minimum Curvature

Remarks : The OUTRUN Survey will be called definitive

SCIENTIFIC DRILLING CONTROLS

Outrun Survey
for
EUG

Page 1

Well No.: CHAMA 3 FFD #1

Date : 1-FEB-2003

Job No. : 32K0208082

Proposal : 268.95

Depth	T.V.D.	V.S.	Inc	GRKB azimuth	Latitude	Departure	D-leg
(Feet)	(Feet)	(Feet)	Deg.	Deg.	(Feet)	(Feet)	/100

0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00
100.00	100.00	-0.32	0.54	41.36	0.35	0.31	0.54
200.00	199.99	-0.91	0.41	48.82	0.94	0.89	0.14
300.00	299.99	-1.01	1.02	347.52	2.05	0.97	0.90
400.00	399.97	-0.70	1.25	352.18	4.00	0.63	0.25
500.00	499.94	-0.05	1.42	333.97	6.19	-0.06	0.45
600.00	599.92	0.85	1.06	335.02	8.14	-1.00	0.36
700.00	699.90	1.87	0.99	310.90	9.55	-2.04	0.43
800.00	799.88	3.15	1.07	315.72	10.78	-3.35	0.12
900.00	899.87	4.11	0.64	323.57	11.90	-4.33	0.44
1000.00	999.86	5.01	0.77	316.14	12.96	-5.25	0.35
1100.00	1099.85	6.28	0.92	299.79	13.97	-6.53	0.27
1200.00	1199.83	7.49	0.98	321.33	15.03	-7.76	0.36
1300.00	1299.82	8.67	0.92	303.73	16.15	-8.96	0.30
1400.00	1399.81	9.64	0.81	332.35	17.22	-9.96	0.44
1500.00	1499.80	10.64	1.00	307.92	18.38	-10.98	0.43
1600.00	1599.78	12.01	0.82	283.37	19.08	-12.36	0.42
1700.00	1699.78	13.28	0.71	291.12	19.47	-13.63	0.15
1800.00	1799.76	14.72	1.04	251.79	19.41	-15.08	0.67
1900.00	1899.75	16.47	1.12	244.13	18.70	-16.82	0.16
2000.00	1999.73	17.91	0.82	229.94	17.82	-18.24	0.38
2100.00	2099.72	19.39	1.13	248.23	16.99	-19.71	0.44
2200.00	2199.70	20.97	0.97	231.73	16.10	-21.29	0.34
2300.00	2299.67	22.21	0.75	236.09	15.21	-22.50	0.23
2400.00	2399.68	23.52	0.96	244.46	14.48	-23.79	0.24
2500.00	2499.67	24.78	0.70	233.29	13.76	-25.04	0.31
2600.00	2599.66	25.68	0.56	233.26	13.10	-25.92	0.14
2700.00	2699.66	26.34	0.43	225.02	12.54	-26.58	0.15
2800.00	2799.65	26.92	0.36	282.69	12.35	-27.15	0.39
2900.00	2899.65	27.83	0.74	248.39	12.18	-28.06	0.49
3000.00	2999.64	28.90	0.57	247.78	11.75	-29.12	0.17
3100.00	3099.64	29.70	0.44	242.33	11.38	-29.92	0.14
3200.00	3199.63	30.63	0.68	278.98	11.30	-30.84	0.42
3300.00	3299.63	31.67	0.56	246.02	11.19	-31.88	0.37
3400.00	3399.62	32.15	0.09	206.60	10.92	-32.36	0.47
3500.00	3499.62	31.93	0.58	30.45	11.29	-32.14	0.67
3600.00	3599.62	31.50	0.37	29.40	12.01	-31.72	0.21
3700.00	3699.61	30.88	0.85	36.24	12.89	-31.13	0.48
3800.00	3799.61	30.21	0.44	33.83	13.80	-30.47	0.41
3900.00	3899.60	29.20	0.91	83.64	14.21	-29.47	0.71

S C I E N T I F I C D R I L L I N G C O N T R O L S

Outrun Survey
for
EOG

Page 2

Well No.: CHAMA 3 FED #1

Date : 1-FEB-2008

Job No. : 32K0208082

GRID

Proposal : 268.95

Depth (Feet)	I.V.D. (Feet)	V.S. (Feet)	Inc Deg.°	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
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4000.00	3999.57	26.90	1.84	69.74	14.85	-27.17	0.98
4100.00	4099.51	23.67	2.10	67.81	16.09	-23.97	0.27
4200.00	4199.44	20.25	2.17	63.40	17.63	-20.58	0.18
4300.00	4299.36	16.52	2.46	69.68	19.23	-16.87	0.38
4400.00	4399.28	12.97	1.96	61.83	20.78	-13.35	0.58
4500.00	4499.23	9.99	1.86	62.80	22.33	-10.40	0.11
4600.00	4599.18	7.14	1.72	67.38	23.65	-7.57	0.20
4700.00	4699.14	4.40	1.72	62.27	24.92	-4.86	0.15
4800.00	4799.09	1.85	1.56	61.90	26.26	-2.33	0.16

The Horizontal Displacement (in Feet) at
Measured Depth 4800.00 is 26.36 in a Direction of 354.93 Degrees

EOG Resources, Inc.

Chama 3 Fed #1H

Chama 3 Fed #1H

Chama 3 Fed #1H

Original Hole

Survey: MWD

Pathfinder Standard X & Y Report

19 February, 2008

WHS

Pathfinder Standard X & Y Report

Company: EOG Resources, Inc.
Project: Chama 3 Fed #1H
Site: Chama 3 Fed #1H
Well: Chama 3 Fed #1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Chama 3 Fed #1H
TVD Reference: EST RKB @ 3929.00ft
MD Reference: EST RKB @ 3929.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Project	Chama 3 Fed #1H		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Chama 3 Fed #1H		
Site Position:		Northing:	645,775.100 ft
From:	Map	Easting:	395,812.100 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 46' 29.528 N
		Longitude:	104° 40' 20.315 W
		Grid Convergence:	-0 18 °

Well	Chama 3 Fed #1H		
Well Position	+N/-S	0.00 ft	Northing: 645,775.100 ft
	+E/-W	0.00 ft	Easting: 395,812.100 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	32° 46' 29.528 N
		Longitude:	104° 40' 20.315 W
		Ground Level:	3,929.00 ft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination
	IGRF200510	2/2/2008	8.52
			60.59
			49,175

Design	Original Hole		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			Direction
			(°)
			268.95

WHS

Pathfinder Standard X & Y Report

Company: EOG Resources, Inc.
Project: Chama 3 Fed #1H
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Well: Chama 3 Fed #1H
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Design: Original Hole

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MD Reference: EST RKB @ 3929.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey Program		Date 2/19/2008		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
100.00	4,000.00	Gyro Survey (Original Hole)	CB-GYRO-MS	Camera based gyro multishot
4,052.00	8,220.00	MWD (Original Hole)	MWD	MWD - Standard

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)
4,000.00	1.84	69.94	3,999.58	70.58	14.85	-27.17	26.90	0 00	0.00
4,052.00	2.20	61.04	4,051.55	122.55	15.62	-25.52	25 23	0 92	-45 57
4,084.00	2 02	60.29	4,083.53	154.53	16.20	-24.49	24.19	0.57	-171.65
4,116.00	0.88	303.63	4,115.52	186.52	16.61	-24.20	23.89	7 94	-161.96
4,148.00	4.66	269.89	4,147.48	218.48	16.75	-25.71	25.40	12.37	-40.82
4,179.00	9.23	266.14	4,178.24	249.24	16.58	-29.45	29.14	14.81	-7.53
4,211.00	13.37	267.61	4,209.62	280.62	16.25	-35.71	35 41	12.97	4.70
4,243.00	16.88	268.66	4,240.50	311.50	15.99	-44.05	43.75	11.00	4.97
4,274.00	19.79	269.50	4,269.93	340.93	15.83	-53.80	53.50	9.43	5 59
4,306.00	23.04	268.47	4,299 71	370.71	15.62	-65.48	65.19	10.22	-7.08
4,338 00	26.56	267.50	4,328.76	399 76	15.14	-78.89	78.60	11.07	-7 04
4,370.00	30.07	267.69	4,356.92	427.92	14.51	-94.06	93.78	10.97	1.55
4,401.00	33.50	267.68	4,383.27	454.27	13.85	-110.37	110.10	11.06	-0 09
4,433.00	36.49	266.40	4,409.48	480.48	12.89	-128.69	128.44	9 62	-14.32
4,465.00	40.10	267.06	4,434 59	505.59	11.76	-148.49	148 25	11.35	6.72
4,496.00	43.62	267.95	4,457.68	528.68	10.87	-169.15	168 93	11 52	9.91
4,528.00	47.22	268.84	4,480.14	551.14	10.24	-191.93	191.71	11.42	10.30
4,560.00	50.47	269.70	4,501.19	572.19	9 93	-216.02	215.80	10 36	11.55
4,592.00	53.64	270.21	4,520.87	591.87	9.92	-241.25	241.03	9.99	7.39
4,623.00	57.86	270.83	4,538 31	609.31	10 15	-266.87	266.64	13.71	7.10
4,655.00	62.96	271.02	4,554.11	625.11	10.60	-294 68	294 44	15 95	1 90

WHS

Pathfinder Standard X & Y Report

Company: EOG Resources, Inc.
Project: Chama 3 Fed #1H
Site: Chama 3 Fed #1H
Well: Chama 3 Fed #1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Chama 3 Fed #1H
TVD Reference: EST RKB @ 3929.00ft
MD Reference: EST RKB @ 3929.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)
4,687.00	68.15	270.34	4,567.34	638.34	10.95	-323.80	323.55	16.33	-6.95
4,719.00	72.55	269.55	4,578.10	649.10	10.91	-353.93	353.67	13.95	-9.73
4,741.00	76.06	270.25	4,584.05	655.05	10.88	-375.11	374.85	16.25	10.96
4,773.00	79.67	269.74	4,590.78	661.78	10.87	-406.39	406.12	11.39	-7.92
4,805.00	82.83	269.30	4,595.65	666.65	10.61	-438.01	437.74	9.97	-7.87
4,836.00	85.47	269.04	4,598.80	669.80	10.16	-468.84	468.58	8.56	-5.61
4,868.00	88.81	269.32	4,600.40	671.40	9.70	-500.79	500.53	10.47	4.79
4,900.00	89.16	269.25	4,600.97	671.97	9.31	-532.79	532.53	1.12	-11.31
4,932.00	88.81	269.10	4,601.53	672.53	8.84	-564.78	564.52	1.19	-156.81
5,027.00	91.28	267.53	4,601.46	672.46	6.05	-659.73	659.51	3.08	-32.44
5,122.00	92.15	268.18	4,598.62	669.62	2.50	-754.62	754.44	1.14	36.74
5,217.00	90.75	266.61	4,596.21	667.21	-1.82	-849.48	849.37	2.21	-131.71
5,312.00	91.10	268.65	4,594.68	665.68	-5.75	-944.38	944.33	2.18	80.25
5,407.00	91.45	268.28	4,592.57	663.57	-8.29	-1,039.33	1,039.30	0.54	-46.58
5,502.00	94.79	269.45	4,587.40	658.40	-10.17	-1,134.15	1,134.15	3.72	19.25
5,597.00	96.55	270.04	4,578.01	649.01	-10.59	-1,228.68	1,228.67	1.95	18.42
5,693.00	94.62	268.97	4,568.67	639.67	-11.42	-1,324.22	1,324.20	2.30	-151.06
5,788.00	93.56	268.80	4,561.89	632.89	-13.26	-1,418.96	1,418.96	1.13	-170.91
5,883.00	92.42	269.50	4,556.94	627.94	-14.67	-1,513.81	1,513.83	1.41	148.46
5,978.00	91.63	268.83	4,553.58	624.58	-16.05	-1,608.74	1,608.77	1.09	-139.70
6,072.00	91.36	269.17	4,551.13	622.13	-17.69	-1,702.70	1,702.73	0.46	128.46
6,168.00	91.19	269.44	4,548.99	619.99	-18.86	-1,798.67	1,798.71	0.33	122.20
6,264.00	90.13	269.41	4,547.88	618.88	-19.82	-1,894.65	1,894.70	1.10	-178.38
6,360.00	89.78	269.65	4,547.96	618.96	-20.61	-1,990.65	1,990.69	0.44	145.56
6,455.00	90.13	269.18	4,548.03	619.03	-21.58	-2,085.64	2,085.69	0.62	-53.33
6,551.00	89.78	267.85	4,548.11	619.11	-24.07	-2,181.61	2,181.68	1.43	-104.74
6,648.00	91.71	267.63	4,546.85	617.85	-27.89	-2,278.52	2,278.65	2.00	-6.50

WHS

Pathfinder Standard X & Y Report

Company: EOG Resources, Inc.
Project: Chama 3 Fed #1H
Site: Chama 3 Fed #1H
Well: Chama 3 Fed #1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Chama 3 Fed #1H
TVD Reference: EST RKB @ 3929.00ft
MD Reference: EST RKB @ 3929.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	TFace (°)
6,744.00	90.92	267.30	4,544.65	615.65	-32.14	-2,374.40	2,374.59	0.89	-157.33
6,840.00	89.43	266.56	4,544.35	615.35	-37.28	-2,470.26	2,470.53	1.73	-153.59
6,936.00	92.15	267.49	4,543.03	614.03	-42.26	-2,566.11	2,566.45	2.99	18.87
7,032.00	91.36	266.67	4,540.09	611.09	-47.15	-2,661.94	2,662.36	1.19	-133.93
7,128.00	90.57	265.70	4,538.47	609.47	-53.53	-2,757.71	2,758.23	1.30	-129.16
7,224.00	92.24	268.15	4,536.12	607.12	-58.68	-2,853.53	2,854.13	3.09	55.69
7,320.00	92.15	267.74	4,532.44	603.44	-62.12	-2,949.40	2,950.04	0.44	-102.38
7,416.00	91.71	268.33	4,529.21	600.21	-65.41	-3,045.29	3,045.98	0.77	126.72
7,512.00	90.04	268.88	4,527.74	598.74	-67.75	-3,141.25	3,141.96	1.83	161.77
7,608.00	89.69	268.95	4,527.97	598.97	-69.57	-3,237.23	3,237.96	0.37	168.69
7,701.00	88.72	268.79	4,529.26	600.26	-71.40	-3,330.20	3,330.95	1.06	-170.64
7,798.00	90.40	269.31	4,530.00	601.00	-73.01	-3,427.18	3,427.94	1.81	17.20
7,894.00	90.31	269.13	4,529.41	600.41	-74.32	-3,523.17	3,523.94	0.21	-116.56
7,989.00	89.43	268.91	4,529.62	600.62	-75.94	-3,618.15	3,618.94	0.95	-165.96
8,085.00	92.95	269.95	4,527.63	598.63	-76.90	-3,714.11	3,714.90	3.82	16.45
8,143.00	92.42	269.75	4,524.91	595.91	-77.05	-3,772.05	3,772.83	0.98	-159.34
8,220.00	92.42	269.75	4,521.66	592.66	-77.38	-3,848.98	3,849.75	0.00	0.00

WHS

Pathfinder Standard X & Y Report

Company: EOG Resources, Inc.
Project: Chama 3 Fed #1H
Site: Chama 3 Fed #1H
Well: Chama 3 Fed #1H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Chama 3 Fed #1H
TVD Reference: EST RKB @ 3929.00ft
MD Reference: EST RKB @ 3929.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL	0.00	0.00	4,520.00	-71.30	-3,897.30	645,703.800	391,914.800	32° 46' 28.697 N	104° 41' 5.960 W
- survey misses by 48.73ft at 8220.00ft MD (4521.66 TVD, -77.38 N, -3848.98 E)									
- Point									

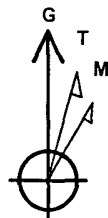
Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
8,220.00	4,521.66	-77.38	-3,848.98	Straight Line Projection @ 8220' MD

Checked By: _____ Approved By: _____ Date: _____



EOW



Azimuths to Grid North
True North: 0.18°
Magnetic North: 8.70°

Magnetic Field
Strength: 49175.1nT
Dip Angle: 60.59°
Date: 2/2/2008
Model: IGRF200510

Project: Chama 3 Fed #1H
Site: Chama 3 Fed #1H
Well: Chama 3 Fed #1H
Wellbore: Original Hole
Plan: Plan #1 (Chama 3 Fed #1H/Original Hole)

PATHFINDER
ENERGY SERVICES

WELL DETAILS: Chama 3 Fed #1H

Ground Elevation: 3929.00
RKB Elevation: EST RKB @ 3929.00ft
Rig Name:

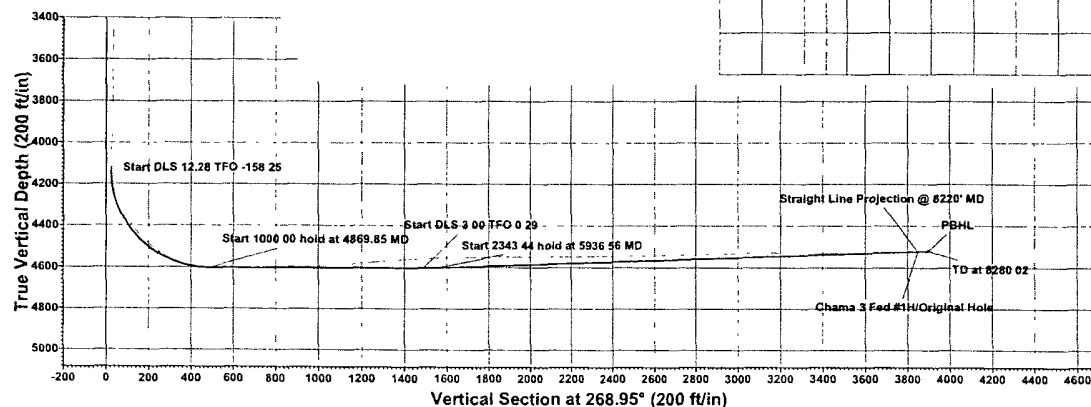
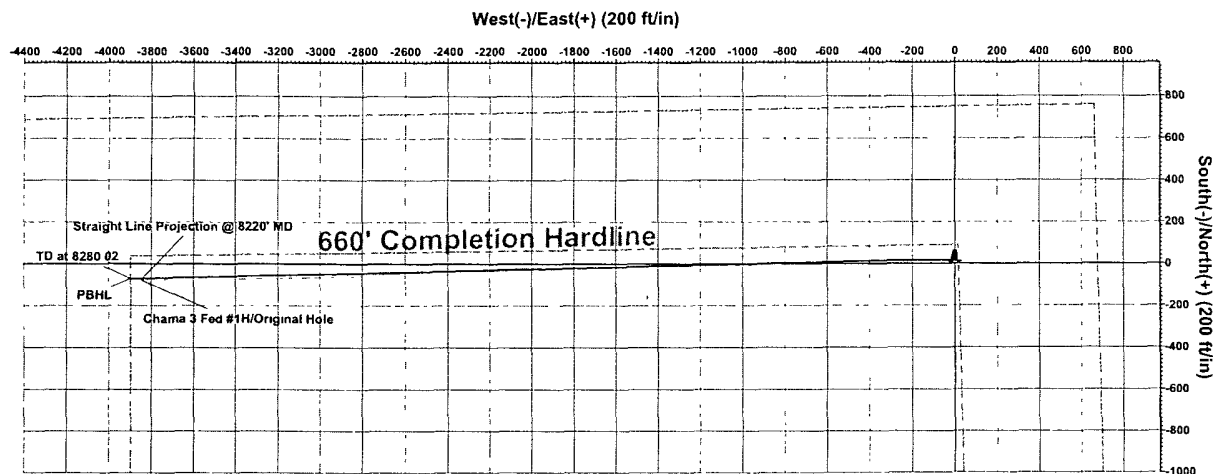
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	645775.100	395812.100	32° 46' 29.528 N	104° 40' 20.315 W	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	4121.00	2.11	66.86	4120.51	16.39	-23.26	0.00	0.00	22.96	
2	4869.85	90.00	268.60	4602.99	11.58	-489.58	12.28	-158.25	489.29	
3	5869.85	90.00	268.60	4602.99	-12.85	-1489.28	0.00	0.00	1489.27	
4	5936.56	92.00	268.61	4601.83	-14.48	-1555.96	3.00	0.29	1555.96	
5	8280.00	92.00	268.61	4520.05	-71.29	-3897.28	0.00	0.00	3897.93	
6	8280.02	92.00	268.61	4520.04	-71.29	-3897.30	0.00	0.00	3897.95	PBHL

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	4520.00	-71.30	-3897.30	645703.800	391914.800	Point



PROJECT DETAILS: Chama 3 Fed #1H
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001

System Datum: Mean Sea Level
Local North: Grid

Plan: Plan #1 (Chama 3 Fed #1H/Original Hole)

Created By: Mark Freeman Date: 14 03, February 19 2008

Checked: _____ Date: _____

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36007	Pool Code 77660	Pool Name Gopher (Wolfcamp)
Property Code 36921	Property Name CHAMA 3 FED.	Well Number 1H
GRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3929'

Surface Location

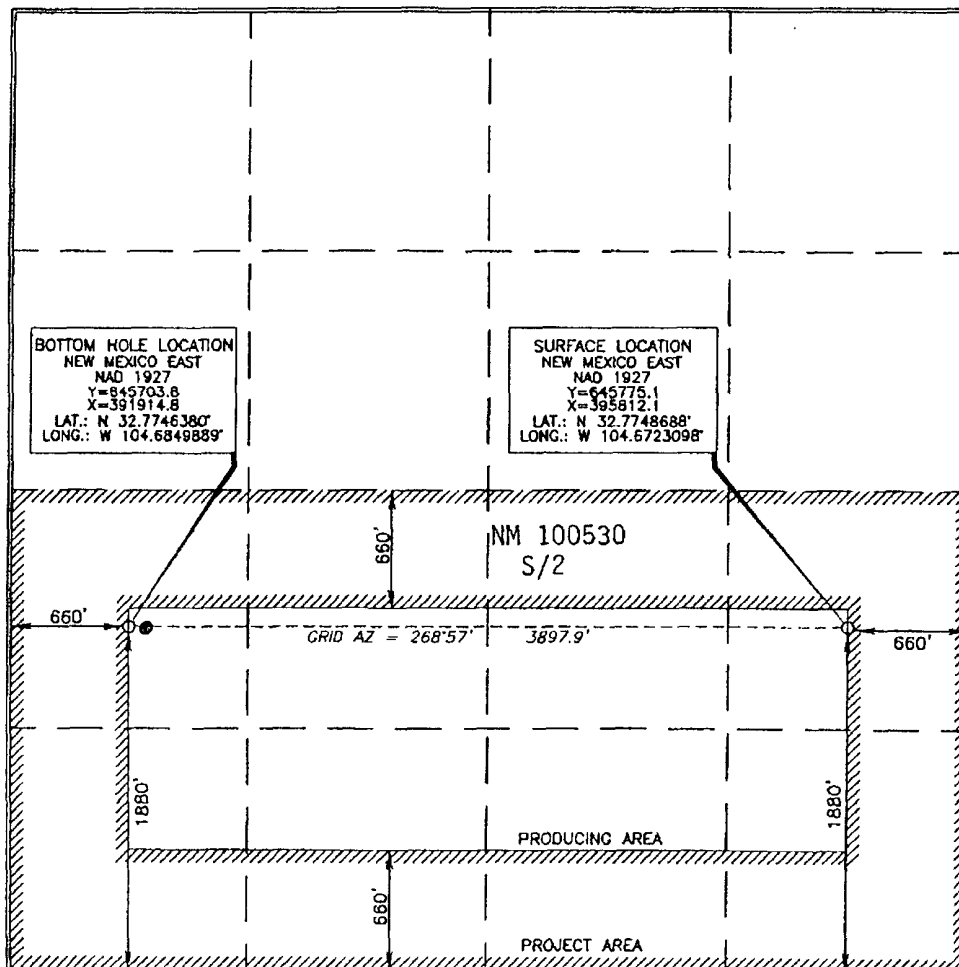
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	3	18 SOUTH	23 EAST, N.M.P.M.		1880'	SOUTH	660'	EAST	EDDY

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
L	3	18 SOUTH	23 EAST, N.M.P.M.		1802	SOUTH	771	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Donny G. Glanton 8/6/07
Signature Date

Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of a survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

15079
Date of Survey

7/19/2007
Signature and Seal of Professional Surveyor

15079
Certificate Number

WFO 070530WL-o (JL)