

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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 3642

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1979' FNL & 1979' FEL of Section 15, T25S-R33E, N.M.P.M.

5. Lease Serial No.

NMNM 26079

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Ochoa Federal No. 1

9. API Well No.

30-025-27623

10. Field and Pool, or Exploratory Area

Red Hills; Bone Springs

11. County or Parish, State

Lea

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 Bottomhole
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The EOG Resources Inc (EOG) Ochoa Federal No.1 is a proposed re-entry of the Superior Oil Company Ochoa Federal No. 1, a 16,335' Morrow test completed in September 1985. EOG is proposing to reenter and drill a 3,500' - 3,800' sw trending lateral in the Third Bone Spring sand. Proposed lateral is approximately 1.5 miles west of EOG's Red Hills North Unit, where EOG has drilled and completed approximately 75 wells (25 of these are horizontal wells) in the Third Bone Spring sand. Isopach maps (net sand and net pay) of this sand indicate that the predicted channel / fan lobe extends in a southwest direction. The proposed lateral is expected to cut approximately 1600-1800' of reservoir sand. The toe of the lateral is designed to be near the base of the pay sand and approximately 15' below the heel of the well to maximize pump efficiency. This proposed well path will drill along the main sand body and allow EOG Resources a better opportunity to make an economic well.

Enclosed herewith please find revised C-102 and Drilling Planning Report. Additionally, please find Casing, Cement and Mud Program information.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Donny G. Glanton

Title Senior Lease Operations ROW Representative

Signature

Date

12/6/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Chris Williams

DISTRICT SUPERVISOR

Title

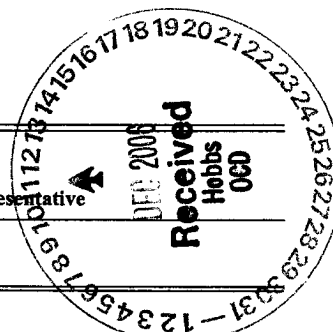
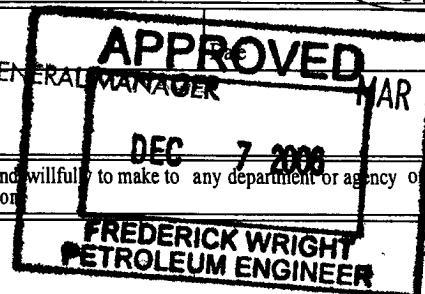
ISOR/GENERAL MANAGER

Office

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.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)



MAR 3 2007

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-402
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 30-025-27623	Pool Code 51020 96392	Pool Name Draper Red Hills; Bone Springs
Property Code 4080	Property Name OCHOA FEDERAL	Well Number 1
GRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3368'

Surface Location

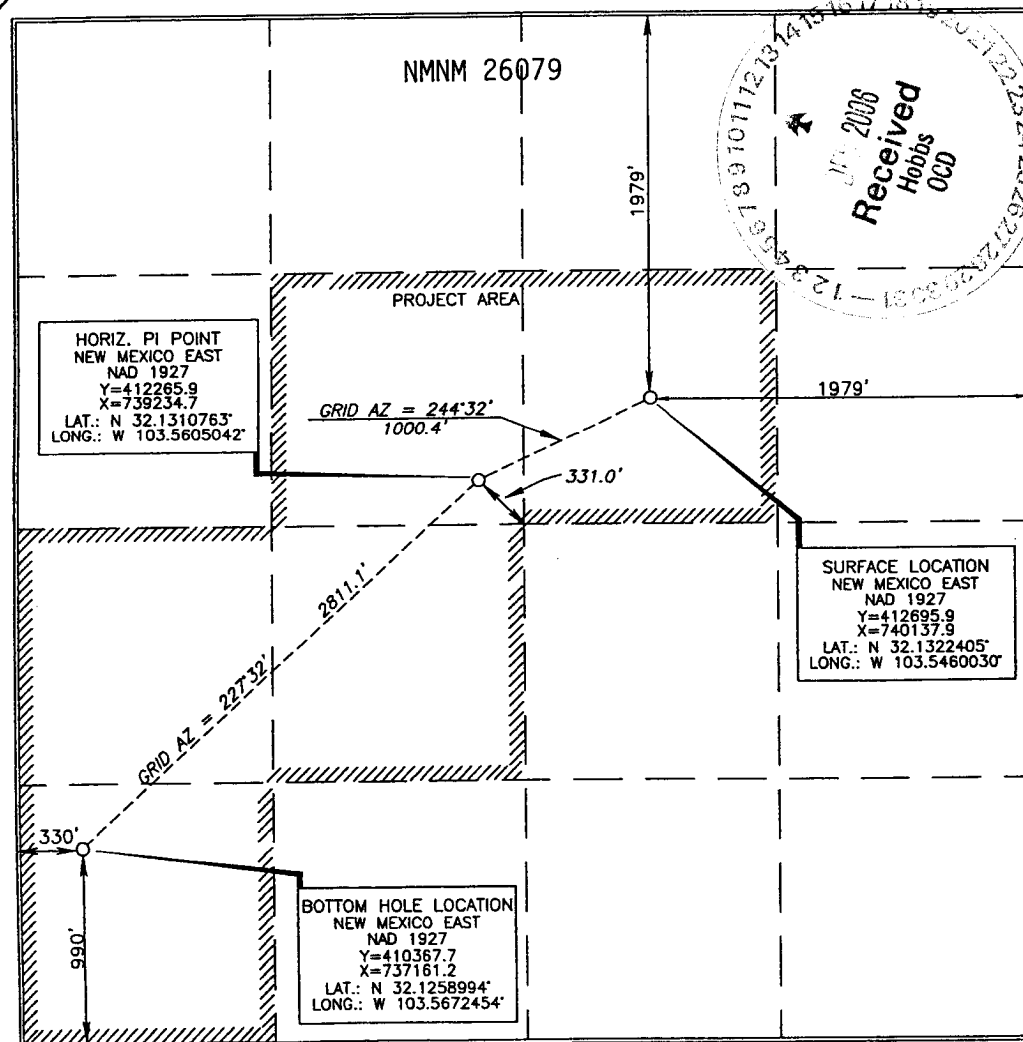
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	15	25 SOUTH	33 EAST, N.M.P.M.		1979'	NORTH	1979'	EAST	LEA

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
M	15	25 SOUTH	33 EAST, N.M.P.M.		990'	SOUTH	330'	WEST	LEA

Dedicated Acres 200	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.



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 12/5/06
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 actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 22, 2006
Date of Survey
Signature and Seal of Professional Surveyor
Certificate Number 15079

WO# 061127WL (JL)

Permit Information:

Well Name: Ochoa Fed #1H RE

Location:

SL: 1979' FNL & 1979' FEL

BHL 990' FSL & 330' FWL

Section 15, T-25-S, R-33-E, Lea Co., N.M.

Casing Program:

Casing	Setting Depth	Top of Liner	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Production Liner	15,865'	11,568'	7-7/8"	5-1/2"	17#	HCP-110	11,568'

Cement Program:

Depth	No. Sacks	
15,865'	200	TXI Lightweight + 100% D151 + 2% D112 + 2% D174 + 0.2% D46 + 0.6% D65

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
11,768' - 15,865'	Cut Brine with Polymers (Lateral)	8.6-9.2	38-45	10-15

EOG RESOURCES INC.

Planning Report

Database: EDM Company: EOG - Midland (3) Project: Red Hills Site: Ochoa Fed #1H RE Well: Ochoa Fed #1H RE Wellbore: Ochoa Fed #1H RE Design: Plan #1	Local Co-ordinate Reference: Well Ochoa Fed #1H RE TVD Reference: WELL @ 3386.00ft (Original Well Elev) MD Reference: WELL @ 3386.00ft (Original Well Elev) North Reference: Grid Survey Calculation Method: Minimum Curvature	
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Project: Red Hills		
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: Ochoa Fed #1H RE			
Site Position:	From: Map	Northing: 412,695.90ft	Latitude: 32° 7' 56.066 N
		Easting: 740,137.90ft	Longitude: 103° 33' 27.276 W
Position Uncertainty: 0.00 ft		Slot Radius:	Grid Convergence: 0.41 °

Well: Ochoa Fed #1H RE			
Well Position	+N/-S 0.00 ft	Northing: 412,695.90 ft	Latitude: 32° 7' 56.066 N
	+E/-W 0.00 ft	Easting: 740,137.90 ft	Longitude: 103° 33' 27.276 W
Position Uncertainty 0.00 ft		Wellhead Elevation: ft	Ground Level: 3,368.00 ft

Wellbore: Ochoa Fed #1H RE					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2000	12/31/2004	8.55	60.36	49,367

Design: Plan #1				
Audit Notes:	Phase: PROTOTYPE	Tie On Depth: 0.00		
Version:				
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	12,250.00	0.00	0.00	231.97

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11,768.00	0.00	0.00	11,768.00	0.00	0.00	0.00	0.00	0.00	0.00	
12,523.28	89.78	244.54	12,250.00	-206.41	-433.52	11.89	11.89	0.00	244.54	
12,523.38	89.78	244.54	12,250.00	-206.45	-433.61	3.00	-0.29	2.99	95.45	
13,043.36	89.78	244.54	12,252.00	-429.96	-903.11	0.00	0.00	0.00	0.00	
13,043.46	89.78	244.54	12,252.00	-430.00	-903.20	3.00	0.29	-2.99	-84.55	T1 (Ochoa #1H)
13,682.54	89.73	225.37	12,254.75	-795.26	-1,423.96	3.00	-0.01	-3.00	-90.19	
15,864.43	89.73	225.37	12,265.00	-2,328.14	-2,976.64	0.00	0.00	0.00	0.00	
15,864.51	89.73	225.37	12,265.00	-2,328.20	-2,976.70	3.00	-1.15	2.77	112.46	BHL (Ochoa #1H)

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Project: Red Hills
Site: Ochoa Fed #1H RE
Well: Ochoa Fed #1H RE
Wellbore: Ochoa Fed #1H RE
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well Ochoa Fed #1H RE
WELL @ 3386.00ft (Original Well Elev)
WELL @ 3386.00ft (Original Well Elev)
Grid
Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

EOG RESOURCES INC.

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WELL @ 3386.00ft (Original Well Elev)
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Minimum Curvature

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5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00
9,600.00	0.00	0.00	9,600.00	0.00	0.00	0.00	0.00	0.00	0.00
9,700.00	0.00	0.00	9,700.00	0.00	0.00	0.00	0.00	0.00	0.00
9,800.00	0.00	0.00	9,800.00	0.00	0.00	0.00	0.00	0.00	0.00
9,900.00	0.00	0.00	9,900.00	0.00	0.00	0.00	0.00	0.00	0.00
10,000.00	0.00	0.00	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00
10,100.00	0.00	0.00	10,100.00	0.00	0.00	0.00	0.00	0.00	0.00
10,200.00	0.00	0.00	10,200.00	0.00	0.00	0.00	0.00	0.00	0.00
10,300.00	0.00	0.00	10,300.00	0.00	0.00	0.00	0.00	0.00	0.00
10,400.00	0.00	0.00	10,400.00	0.00	0.00	0.00	0.00	0.00	0.00
10,500.00	0.00	0.00	10,500.00	0.00	0.00	0.00	0.00	0.00	0.00
10,600.00	0.00	0.00	10,600.00	0.00	0.00	0.00	0.00	0.00	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Ochoa Fed #1H RE
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3386.00ft (Original Well Elev)
Project:	Red Hills	MD Reference:	WELL @ 3386.00ft (Original Well Elev)
Site:	Ochoa Fed #1H RE	North Reference:	Grid
Well:	Ochoa Fed #1H RE	Survey Calculation Method:	Minimum Curvature
Wellbore:	Ochoa Fed #1H RE		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,700.00	0.00	0.00	10,700.00	0.00	0.00	0.00	0.00	0.00	0.00
10,800.00	0.00	0.00	10,800.00	0.00	0.00	0.00	0.00	0.00	0.00
10,900.00	0.00	0.00	10,900.00	0.00	0.00	0.00	0.00	0.00	0.00
11,000.00	0.00	0.00	11,000.00	0.00	0.00	0.00	0.00	0.00	0.00
11,100.00	0.00	0.00	11,100.00	0.00	0.00	0.00	0.00	0.00	0.00
11,200.00	0.00	0.00	11,200.00	0.00	0.00	0.00	0.00	0.00	0.00
11,300.00	0.00	0.00	11,300.00	0.00	0.00	0.00	0.00	0.00	0.00
11,400.00	0.00	0.00	11,400.00	0.00	0.00	0.00	0.00	0.00	0.00
11,500.00	0.00	0.00	11,500.00	0.00	0.00	0.00	0.00	0.00	0.00
11,600.00	0.00	0.00	11,600.00	0.00	0.00	0.00	0.00	0.00	0.00
11,700.00	0.00	0.00	11,700.00	0.00	0.00	0.00	0.00	0.00	0.00
11,768.00	0.00	0.00	11,768.00	0.00	0.00	0.00	0.00	0.00	0.00
11,800.00	3.80	244.54	11,799.98	-0.46	-0.96	1.04	11.89	11.89	0.00
11,900.00	15.69	244.54	11,898.36	-7.72	-16.22	17.53	11.89	11.89	0.00
12,000.00	27.58	244.54	11,991.15	-23.54	-49.45	53.45	11.89	11.89	0.00
12,100.00	39.46	244.54	12,074.36	-47.24	-99.22	107.26	11.89	11.89	0.00
12,200.00	51.35	244.54	12,144.44	-77.80	-163.40	176.64	11.89	11.89	0.00
12,300.00	63.24	244.54	12,198.38	-113.91	-239.24	258.62	11.89	11.89	0.00
12,400.00	75.13	244.54	12,233.85	-154.02	-323.48	349.69	11.89	11.89	0.00
12,500.00	87.01	244.54	12,249.35	-196.41	-412.52	445.93	11.89	11.89	0.00
12,523.28	89.78	244.54	12,250.00	-206.41	-433.52	468.64	11.89	11.89	0.00
12,523.38	89.78	244.54	12,250.00	-206.45	-433.61	468.74	3.00	-0.29	2.99
12,600.00	89.78	244.54	12,250.29	-239.39	-502.79	543.52	0.00	0.00	0.00
12,700.00	89.78	244.54	12,250.68	-282.37	-593.09	641.13	0.00	0.00	0.00
12,800.00	89.78	244.54	12,251.06	-325.35	-683.38	738.73	0.00	0.00	0.00
12,900.00	89.78	244.54	12,251.45	-368.33	-773.67	836.33	0.00	0.00	0.00
13,000.00	89.78	244.54	12,251.83	-411.32	-863.96	933.93	0.00	0.00	0.00
13,043.36	89.78	244.54	12,252.00	-429.96	-903.11	976.25	0.00	0.00	0.00
13,043.46	89.78	244.54	12,252.00	-430.00	-903.20	976.35	3.00	0.29	-2.99
13,100.00	89.77	242.84	12,252.22	-455.06	-953.88	1,031.70	3.00	-0.01	-3.00
13,200.00	89.77	239.84	12,252.62	-503.00	-1,041.62	1,130.36	3.00	-0.01	-3.00
13,300.00	89.76	236.84	12,253.04	-555.48	-1,126.73	1,229.73	3.00	-0.01	-3.00
13,400.00	89.75	233.84	12,253.47	-612.34	-1,208.98	1,329.54	3.00	-0.01	-3.00
13,500.00	89.74	230.84	12,253.91	-673.42	-1,288.14	1,429.53	3.00	-0.01	-3.00
13,600.00	89.74	227.84	12,254.37	-738.57	-1,363.99	1,529.41	3.00	-0.01	-3.00
13,682.54	89.73	225.37	12,254.75	-795.26	-1,423.96	1,611.58	3.00	-0.01	-3.00
13,700.00	89.73	225.37	12,254.84	-807.53	-1,436.39	1,628.92	0.00	0.00	0.00
13,800.00	89.73	225.37	12,255.30	-877.79	-1,507.55	1,728.26	0.00	0.00	0.00
13,900.00	89.73	225.37	12,255.77	-948.04	-1,578.71	1,827.60	0.00	0.00	0.00
14,000.00	89.73	225.37	12,256.24	-1,018.30	-1,649.87	1,926.93	0.00	0.00	0.00
14,100.00	89.73	225.37	12,256.71	-1,088.55	-1,721.04	2,026.27	0.00	0.00	0.00
14,200.00	89.73	225.37	12,257.18	-1,158.81	-1,792.20	2,125.60	0.00	0.00	0.00
14,300.00	89.73	225.37	12,257.65	-1,229.06	-1,863.36	2,224.94	0.00	0.00	0.00
14,400.00	89.73	225.37	12,258.12	-1,299.32	-1,934.52	2,324.27	0.00	0.00	0.00
14,500.00	89.73	225.37	12,258.59	-1,369.57	-2,005.68	2,423.61	0.00	0.00	0.00
14,600.00	89.73	225.37	12,259.06	-1,439.82	-2,076.85	2,522.95	0.00	0.00	0.00
14,700.00	89.73	225.37	12,259.53	-1,510.08	-2,148.01	2,622.28	0.00	0.00	0.00
14,800.00	89.73	225.37	12,260.00	-1,580.33	-2,219.17	2,721.62	0.00	0.00	0.00
14,900.00	89.73	225.37	12,260.47	-1,650.59	-2,290.33	2,820.95	0.00	0.00	0.00
15,000.00	89.73	225.37	12,260.94	-1,720.84	-2,361.50	2,920.29	0.00	0.00	0.00
15,100.00	89.73	225.37	12,261.41	-1,791.10	-2,432.66	3,019.62	0.00	0.00	0.00
15,200.00	89.73	225.37	12,261.88	-1,861.35	-2,503.82	3,118.96	0.00	0.00	0.00
15,300.00	89.73	225.37	12,262.35	-1,931.61	-2,574.98	3,218.30	0.00	0.00	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Ochoa Fed #1H RE
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3386.00ft (Original Well Elev)
Project:	Red Hills	MD Reference:	WELL @ 3386.00ft (Original Well Elev)
Site:	Ochoa Fed #1H RE	North Reference:	Grid
Well:	Ochoa Fed #1H RE	Survey Calculation Method:	Minimum Curvature
Wellbore:	Ochoa Fed #1H RE		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
15,400.00	89.73	225.37	12,262.82	-2,001.86	-2,646.15	3,317.63	0.00	0.00	0.00
15,500.00	89.73	225.37	12,263.29	-2,072.12	-2,717.31	3,416.97	0.00	0.00	0.00
15,600.00	89.73	225.37	12,263.76	-2,142.37	-2,788.47	3,516.30	0.00	0.00	0.00
15,700.00	89.73	225.37	12,264.23	-2,212.63	-2,859.63	3,615.64	0.00	0.00	0.00
15,800.00	89.73	225.37	12,264.70	-2,282.88	-2,930.79	3,714.98	0.00	0.00	0.00
15,864.51	89.73	225.37	12,265.00	-2,328.20	-2,976.70	3,779.06	0.00	0.00	0.00

Targets

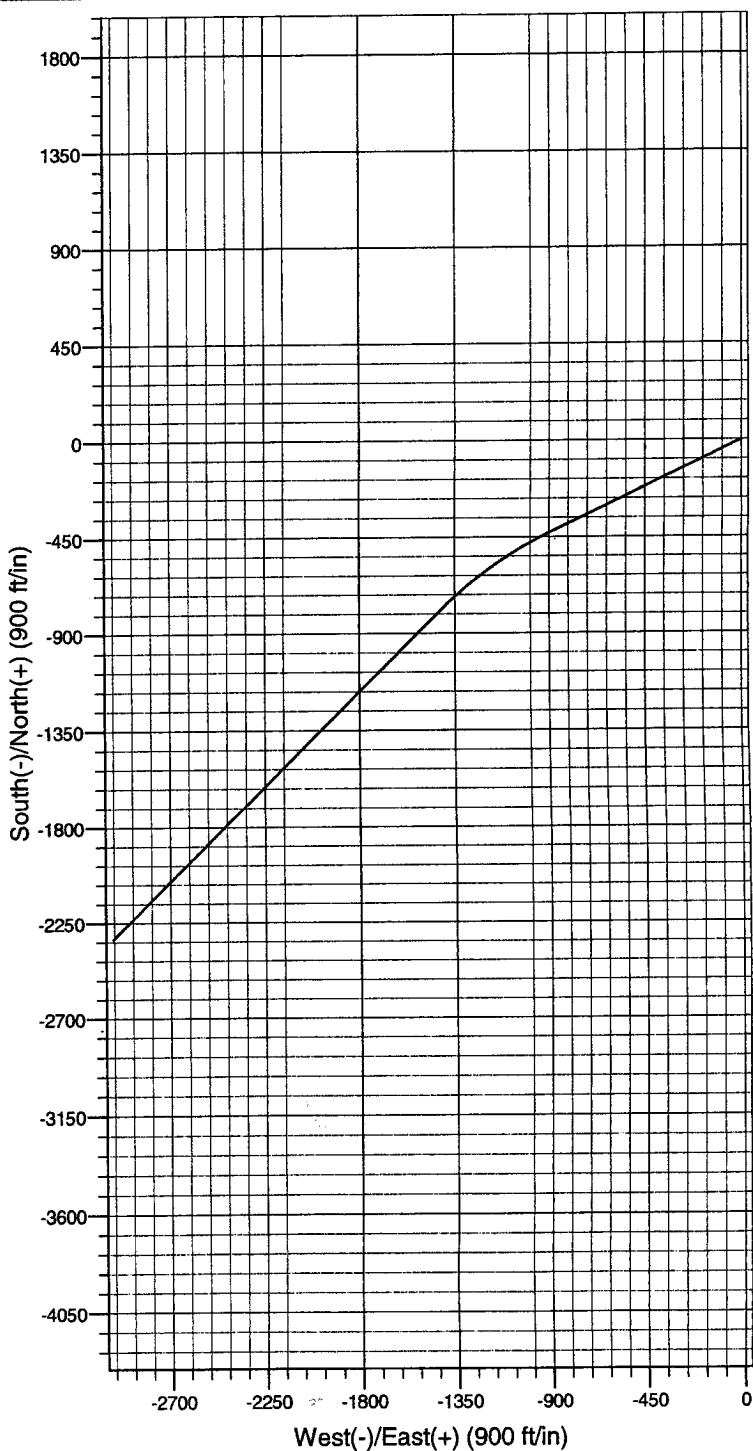
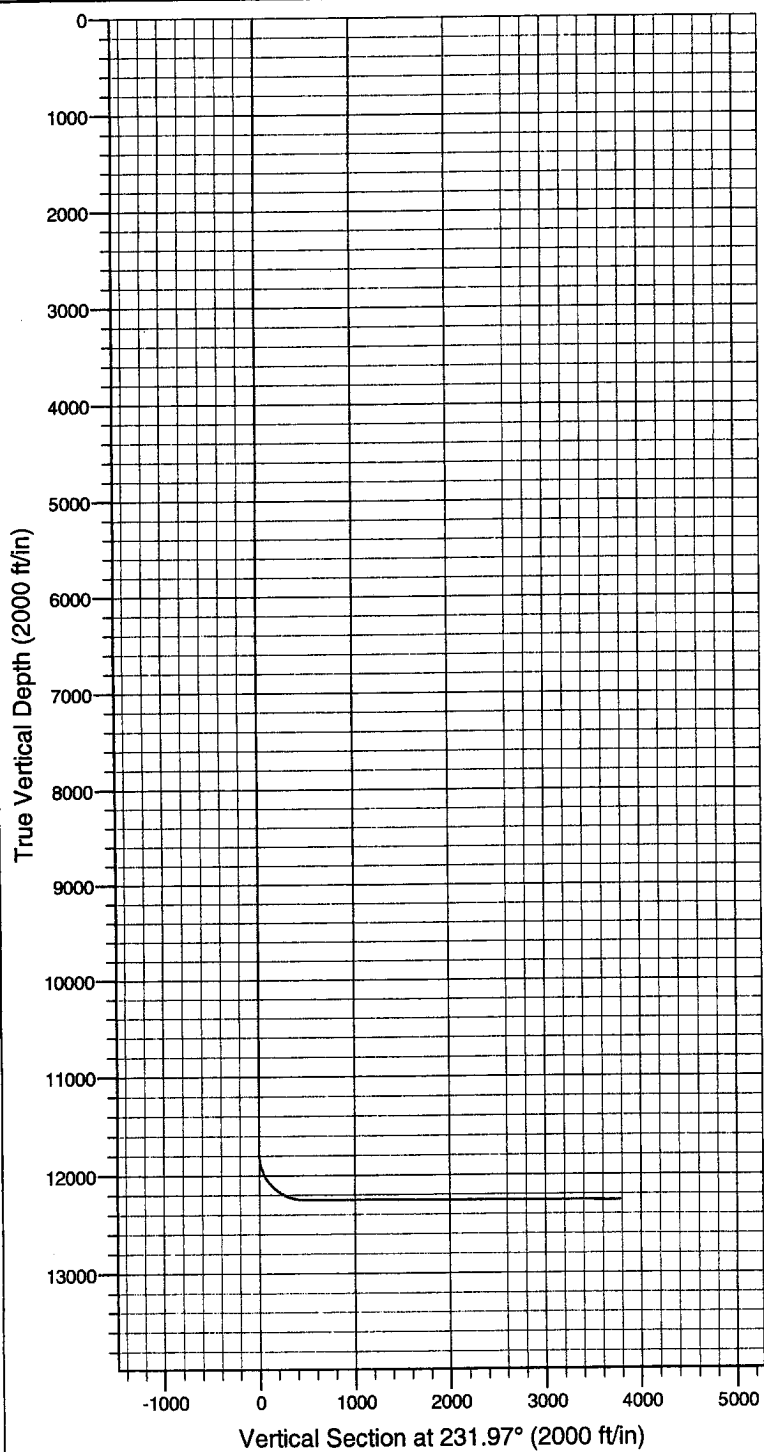
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
T1 (Ochoa #1H)	0.00	0.00	12,252.00	-430.00	-903.20	412,265.90	739,234.70	32° 7' 51.875 N	103° 33' 37.815 W
- plan hits target									
- Point									
BHL (Ochoa #1H)	0.00	0.00	12,265.00	-2,328.20	-2,976.70	410,367.70	737,161.20	32° 7' 33.238 N	103° 34' 2.084 W
- plan hits target									
- Point									

WELL DETAILS: Ochoa Fed #1H RE

			Ground Level:	3368.00		
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	412695.90	740137.90	32° 7' 56.066 N 103° 33' 27.276 W		

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11768.00	0.00	0.00	11768.00	0.00	0.00	0.00	0.00	0.00	
12523.28	89.78	244.54	12250.00	-206.41	-433.52	11.89	244.54	468.64	
12523.38	89.78	244.54	12250.00	-206.45	-433.61	3.00	95.45	468.74	
13043.36	89.78	244.54	12252.00	-429.96	-903.11	0.00	0.00	976.25	
13043.46	89.78	244.54	12252.00	-430.00	-903.20	3.00	-84.55	976.35	T1 (Ochoa #1H)
13682.54	89.73	225.37	12254.75	-795.26	-1423.96	3.00	-90.19	1611.58	
15864.43	89.73	225.37	12265.00	-2328.14	-2976.64	0.00	0.00	3778.97	
15864.51	89.73	225.37	12265.00	-2328.20	-2976.70	3.00	112.46	3779.06	BHL (Ochoa #1H)



SUNDRY NOTICE SPECIAL STIPULATIONS

1. Approval is granted for plug back and horizontal Bone Spring completion with the following stipulations:
2. The existing perforations will be properly plugged before a plug and whip stock are set for the horizontal kickoff.

Engineering
can be reached at 505-706-2779 for any variances that might be necessary.

F Wright 12/07/06