

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

Form 3160-5
(August 1999)
(1 original, 5 copies)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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

FORM APPROVED
OMB NO. 1004-0135

Expires: November 30, 2000

5	Lease Serial No. NM 24490
6	If Indian, Allottee or Tribe Name
7	If Unit or CA/Agreement, Name and/or No. Red Hills North Unit
8	Well Name and No. RedHills North Unit 807
9	API Well No. 30-025-34659
10	Field and Pool, or Exploratory Red Hills Bone Spring
11	County or Parish, State Lea Co. NM

1. Type of well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EOG Resources, Inc.

3a. Address

P.O. Box 2267, Midland, TX 79702

3b. Phone No. (include area code)

(432) 686-3714

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

S/L 99D' FSL & 330' FWL Sec. 18 T-25-S; R-34-E
BHL 2500' FSL & 1500' FEL Sec 18 T-25-S; R-34-E

INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Recomplete <input type="checkbox"/> Other <u>Drill</u>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <u>Horizontal Lateral</u>
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> 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 recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. 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 recompleation 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 site is ready for final inspection.

EOG Resources, Inc. proposes to re-enter the subject producing wellbore sidetrack, and drill a horizontal lateral. The existing perforations will be isolated with a CIBP, 50' above existing perforations at 12,186', with a 50' of cement on top of the plug. A whipstock will be set in the 5 1/2" Casing at 11,893'. The well will be sidetracked and directionally drilled as per the attache directional program. Freshwater and polymer will be used to drill the lateral section.

Estimated Start Date 12/26/03 Estimated End Date 2/05/2004
Bond Number NM2308

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

Mike Francis

Signature

Mike Francis

SUBJECT TO
LIKE APPROVAL
BY STATE

Title

Date

10/21/2003

APPROVED

Agent

OCT 27 2003

GARY GOURLEY
PETROLEUM ENGINEER

Approved by

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 thereon.

Title

Office

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.

KZ

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, 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 30-025-34659		² Pool Code 51020		³ Pool Name Red Hills Bone Spring	
⁴ Property Code 26406		⁵ Property Name RED HILLS NORTH UNIT			⁶ Well Number 807
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES			⁹ Elevation 3338'

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
M	18	25 SOUTH	34 EAST, N.M.P.M.		99'	SOUTH	330'	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
J	18	25 SOUTH	34 EAST, N.M.P.M.		2500'	SOUTH	1500'	EAST	LEA
¹² Dedicated Acres 80		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

<p>¹⁶</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Mike Francis</i> Signature</p> <p>Mike Francis Printed Name</p> <p>Agent Title</p> <p>10/22/2003 Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JUNE 13, 2003 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p>Certification Number V. L. BEZNER R.P.S. #7920</p> <p>JOB # 90759-2 / 22NE / J.C.P.</p>

eog resources inc

Planning Report

Company: EOG Resources	Date: 10/21/2003	Time: 16:57:51	Page: 1
Field: Red Hills	Co-ordinate(NE) Reference:	Site: RHNU #807, Grid North	
Site: RHNU #807	Vertical (TVD) Reference:	SITE 3356.0	
Well: RHNU # 807	Section (VS) Reference:	Well (0.00N,0.00E 65.86Azi)	
Wellpath: Lateral Sidetrack	Plan:	Plan #1	

Field: Red Hills

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: igrf2000

Site: RHNU #807

Site Position:	From: Map	Position Uncertainty: 0.00 ft	Ground Level: 3338.00 ft	Northing: 410477.00 ft	Easting: 753032.00 ft	Latitude: 32 7 33.165 N	Longitude: 103 30 57.530 W	North Reference: Grid	Grid Convergence: 0.43 deg
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Well: RHNU # 807

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 410477.00 ft	Latitude: 32 7 33.165 N
	+E/-W 0.00 ft	Easting: 753032.00 ft	Longitude: 103 30 57.530 W
Position Uncertainty:	0.00 ft		

Wellpath: Lateral Sidetrack

Current Datum: SITE	Height 3356.00 ft	Drilled From: Surface	
Magnetic Data: 10/21/2003		Tie-on Depth: 0.00 ft	
Field Strength: 49487 nT		Above System Datum: Mean Sea Level	
Vertical Section: Depth From (TVD) ft	+N/-S ft	Declination: 8.61 deg	
		Mag Dip Angle: 60.36 deg	
		+E/-W ft	Direction deg
12275.00	0.00	0.00	65.86

Plan: Plan #1

Date Composed: 10/21/2003
 Version: 1
 Tied-to: From Surface

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11893.03	0.00	0.00	11893.03	0.00	0.00	0.00	0.00	0.00	0.00	
12493.03	90.00	65.86	12275.00	156.19	348.58	15.00	15.00	0.00	0.00	
15867.45	90.00	65.86	12275.00	1536.00	3428.00	0.00	0.00	0.00	0.00	BHL

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		
BHL			12275.00	1536.00	3428.00	412013.00	756460.00	32	7	48.106 N	103	30	17.533 W



Field: Red Hills
Site: RHNU #807
Well: RHNU # 807
Wellpath: Lateral Sidetrack
Plan: Plan #1



Azimuths to Grid North
True North: -0.43°
Magnetic North: 8.17°

Magnetic Field
Strength: 49487nT
Dip Angle: 60.36°
Date: 10/21/2003
Model: igrf2000

