

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.

Red Hills North Unit No. 801

9 API Well No.

30-025-32651

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)

(915)686-3714

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

S/L 1827' FNL& 660' FWL Sec. 18 T-25-S; R-34-E

BHL 1200' FNL& 720' FEL Sec 18 T-25-S; R-34-E

INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other Drill Hor-

izontal lateral

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 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 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 site is ready for final inspection.

EOG Resources, Inc. proposes to re-enter the Subject producing wellbore, sidetrack, and drill a horizontal lateral. Existing perforations will be isolated with a CIBP, 50' above existing perforations at $\pm 12,225$. A whipstock will be set $\pm 11,893'$. Well will be sidetracked and drilled per the attached drilling program. Fresh water and polymer will be used to drill the lateral section. Estimated start date 2-19-2004. Estimated End date is 3-14-2004

Bond Number is NM2308

SUBJECT TO
LIKE APPROVAL
BY NMOC

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mike Francis

Title

Agent

Signature

Date

1/29/2004

FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD) DAVID B GLASS

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 thereon.

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.

PETROLEUM ENGINEER

K

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 30-25-32651	² Pool Code 51020	³ Pool Name Red Hills Bone Spring
⁴ Property Code 26406	⁵ Property Name RED HILLS NORTH UNIT	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 801
		⁹ Elevation 3339'

¹⁰ Surface Location

UL or lot no. E	Section 18	Township 25 SOUTH	Range 34 EAST, N.M.P.M.	Lot Idn	Feet from the 1827'	North/South line NORTH	Feet from the 660'	East/West line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. A	Section 18	Township 25 SOUTH	Range 34 EAST, N.M.P.M.	Lot Idn	Feet from the 1200'	North/South line NORTH	Feet from the 720'	East/West line EAST	County 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

<div><p>16</p><p>NAD 27 NM E ZONE ELEV. = 3339' X = 753345 Y = 412935 LAT.: N 32.13263 LONG.: W 103.51491</p><p>BOTTOM HOLE #1 X = 757228 Y = 413600 LAT.: N 32.13438 LONG.: W 103.50235</p><p>AZ = 80.29° 3940.1'</p></div>	<div><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 Mike Francis Printed Name Agent Title 1/29/2004 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>JANUARY 23, 2004 Date of Survey Signature and Seal of Registered Surveyor V. L. BEZNER R.P.S. #7920 Certificate Number JOB #92718 / 22 NE / J.C.P.</p></div>
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TERMINUS HOLE INFORMATION
PROVIDED BY EOG RESOURCES, INC.

eog resources inc

Planning Report

Company: EOG Resources	Date: 1/29/2004	Time: 08:51:14	Page: 1
Field: Red Hills	Co-ordinate(NE) Reference: Site: RHNU # 801, Grid North		
Site: RHNU # 801	Vertical (TVD) Reference: SITE 3357.0		
Well: RHNU # 801	Section (VS) Reference: Well (0.00N,0.00E,80.28Azi)		
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 # 801

Site Position:	Northing:	412935.00 ft	Latitude:	32	7	57.465 N
From: Map	Easting:	753345.00 ft	Longitude:	103	30	53.673 W
Position Uncertainty: 0.00 ft			North Reference:			Grid
Ground Level: 3339.00 ft			Grid Convergence:			0.44 deg

Well: RHNU # 801

Slot Name:

Well Position:	+N/-S	0.00 ft	Northing:	412935.00 ft	Latitude:	32	7	57.465 N
	+E/-W	0.00 ft	Easting:	753345.00 ft	Longitude:	103	30	53.673 W
Position Uncertainty:		0.00 ft						

Wellpath: Lateral Sidetrack

Current Datum: SITE	Height	3357.00 ft	Drilled From:	Surface
Magnetic Data: 1/29/2004			Tie-on Depth:	0.00 ft
Field Strength: 49470 nT			Above System Datum:	Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S		Declination:	8.59 deg
ft	ft		Mag Dip Angle:	60.37 deg
			+E/-W	Direction
			ft	deg
12275.00	0.00		0.00	80.28

Plan: Plan #1

Date Composed: 1/29/2004
 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	80.28	12275.00	64.48	376.49	15.00	15.00	0.00	0.00	
16050.59	90.00	80.28	12275.00	665.00	3883.00	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	665.00	3883.00	413600.00	757228.00	32	8	3.751 N	103	30	8.460 W



Field: Red Hills
Site: RHNU # 801
Well: RHNU # 801
Wellpath: Lateral Sidetrack
Plan: Plan #1



Azimuths to Grid North
True North: -0.44°
Magnetic North: 8.15°

Magnetic Field
Strength: 49470nT
Dip Angle: 60.37°
Date: 1/29/2004
Model: igr2000

