

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.

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 805

9 API Well No.
30-025-33078

10 Field and Pool, or Exploratory
Red Hills Bone Spring

11 County or Parish, State
Lea Co. NM

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, 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 2129' FSL & 660' FEL Sec.18 T-25-S; R-34-E
BHL 600' FSL & 1200' FEL Sec. 18 T-25-S; R-33-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"/> Subsequent Report	<input type="checkbox"/> Alter Casing
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Deepen
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input checked="" type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other <u>Drill</u>
	<u>Horizontal Lateral</u>

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 recomplete 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 recompletion 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 ± 12,220', 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. Fresh water and polymer will be used to drill the lateral section.

Estimated Start Date 2/01/2004 Estimated End Date 3/15/2004
Bond Number NM2308

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

Mike Francis

Signature

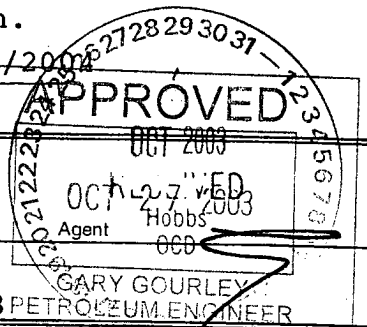
Mike Francis

SUBJECT TO
LIKE APPROVAL
BY STATE

Title

Date

10/21/2003



FEDERAL OR STATE OFFICE USE

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

Date

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

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102

Revised August 15, 2000

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-33078	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	⁶ Well Number 805
		⁹ Elevation 3336'

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
I	18	25 SOUTH	34 EAST, N.M.P.M.		2129' 2150	SOUTH	660'	EAST	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
P	18	25 SOUTH	34 EAST, N.M.P.M.		600'	SOUTH	1200'	EAST	LEA

¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

¹⁶

NAD 27 NM E ZONE
X = 757304
Y = 411649
N = 32.12889
W = 103.50222

TERMINUS HOLE
X = 756774
Y = 410115
N = 32.12481
W = 103.50390

¹⁷ OPERATOR CERTIFICATION

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

Mike Francis
Signature
Mike Francis
Printed Name
Agent
Title
10/22/2003
Date

¹⁸ 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.

JUNE 13, 2003
Date of Survey
Signature of Professional Surveyor

Certificate Number
V. L. BEZNER R.P.S. #7920
JOB # 90759-1 / 22NE / J.C.P.

TERMINUS HOLE INFORMATION PROVIDED BY EOG RESOURCES, INC.

eog resources inc Planning Report

Company: EOG Resources	Date: 10/21/2003	Time: 16:52:22	Page: 1
Field: Red Hills	Co-ordinate(NE) Reference: Site: RHNU # 805, Grid North		
Site: RHNU # 805	Vertical (TVD) Reference: SITE 3354.0		
Well: RHNU # 805	Section (VS) Reference: Well (0.00N,0.00E,199.06Azi)		
Wellpath: Original Openhole	Plan: Lateral Sidetrack		

Field: Red Hills	
Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2000

Site: RHNU # 805		
Site Position:	Northing: 411649.00 ft	Latitude: 32 7 44.439 N
From: Map	Easting: 757304.00 ft	Longitude: 103 30 7.751 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3336.00 ft		Grid Convergence: 0.44 deg

Well: RHNU # 805		Slot Name:	
Well Position:	+N/-S 0.00 ft	Northing: 411649.00 ft	Latitude: 32 7 44.439 N
	+E/-W 0.00 ft	Easting: 757304.00 ft	Longitude: 103 30 7.751 W
Position Uncertainty:	0.00 ft		

Wellpath: Original Openhole		Drilled From: Surface	
Current Datum: SITE	Height 3354.00 ft	Tie-on Depth:	0.00 ft
Magnetic Data: 10/21/2003		Above System Datum:	Mean Sea Level
Field Strength: 49491 nT		Declination:	8.60 deg
Vertical Section:		Mag Dip Angle:	60.37 deg
Depth From (TVD)	+N/-S	+E/-W	Direction
ft	ft	ft	deg
12275.00	0.00	0.00	199.06

Plan: Lateral Sidetrack	Date Composed: 10/21/2003
Principal: Yes	Version: 1
	Tied-to: From Surface

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
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	199.06	12275.00	-361.03	-124.74	15.00	15.00	0.00	0.00	
13734.03	90.00	199.06	12275.00	-1534.00	-530.00	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 →			← Longitude →				
								Deg	Min	Sec	Deg	Min	Sec		
BHL			12275.00	-1534.00	-530.00	410115.00	756774.00	32	7	29.300	N	103	30	14.051	W

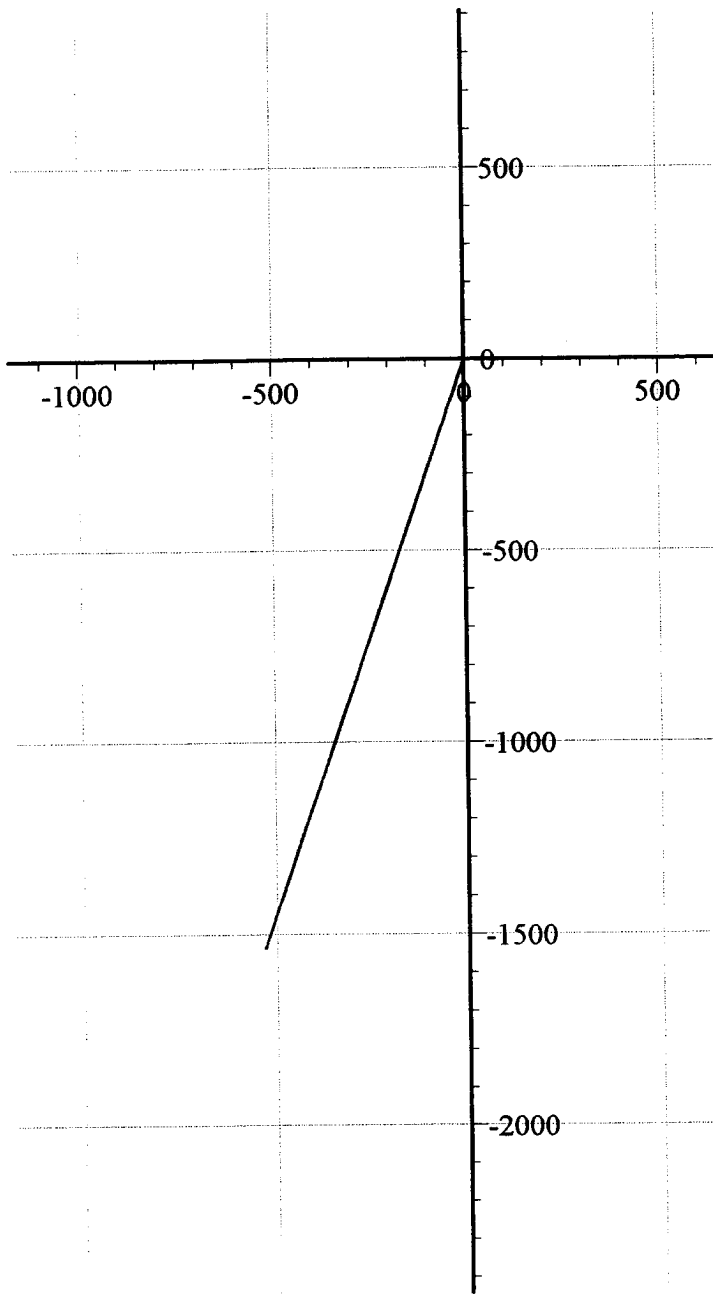


Field: Red Hills
Site: RHNU # 805
Well: RHNU # 805
Wellpath: Original Openhole
Plan: Lateral Sidetrack



Azimuths to Grid North
True North: -0.44°
Magnetic North: 8.16°

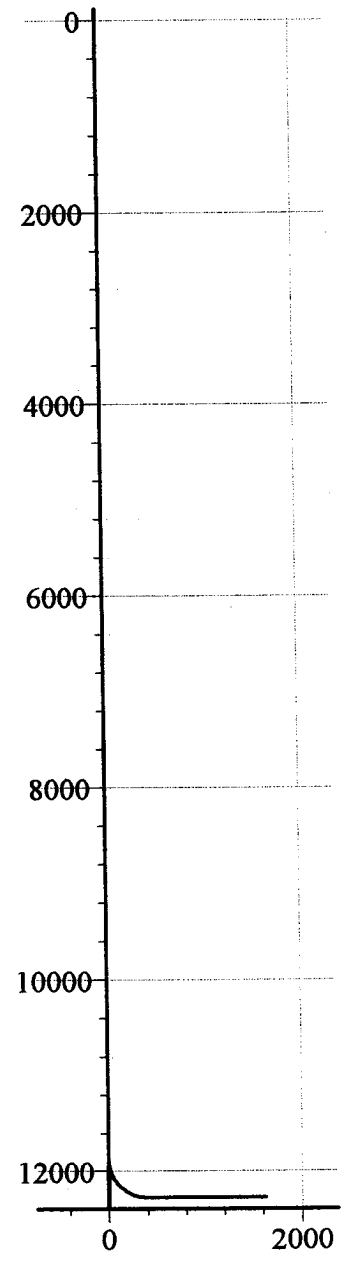
Magnetic Field
Strength: 49491nT
Dip Angle: 60.37°
Date: 10/21/2003
Model: igrf2000



South(-)/North(+) [500ft/in]

West(-)/East(+) [500ft/in]

True Vertical Depth [2000ft/in]



Vertical Section at 199.06° [2000ft/in]