

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 19623

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 302

9 API Well No.

30-025-32182

10 Field and Pool, or Exploratory

Red Hills Bone Spring

11 County or Parish, State

Lea

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)

660' FNL 1980' FEL Sect 13 T-25-S R-33-E (S/L)

660' FWL 1980' FNL Sec 13 T-25-S R-33-E (BHL)

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 RE-Complete

Horizontally; Change
Bottom Hole

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.

Change BHL from previously approved Sundry Notice dated 12/20/2002, approved 12/26/2002. to BHL as described above.

Re-vised C-102 attached.

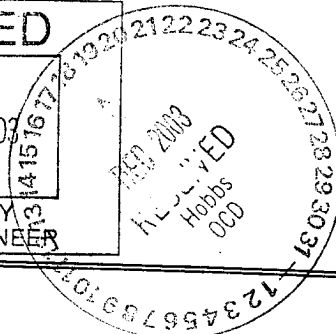
Revised Drilling plan and curve attached.

Bond No. NM 19623 on file with BLM.

SUBJECT TO
LIKE APPROVAL
BY STATE

APPROVED

DEC 9 2003
GARY GOURLEY
PETROLEUM ENGINEER



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

Mike Francis

Title

Agent

Signature

Date

12/ 15/2003

FEDERAL OR STATE OFFICE USE

Approved by

Chris Williams

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.

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 30-025-32182	² Pool Code 51020	³ Pool Name Red Hills Bone Spring
⁴ Property Code 30-025-32182	⁵ Property Name RED HILLS NORTH UNIT	
⁷ OGRID No. 7377	⁶ Operator Name EOG RESOURCES, INC.	⁸ Well Number 302 WIW
		⁹ Elevation 3357'

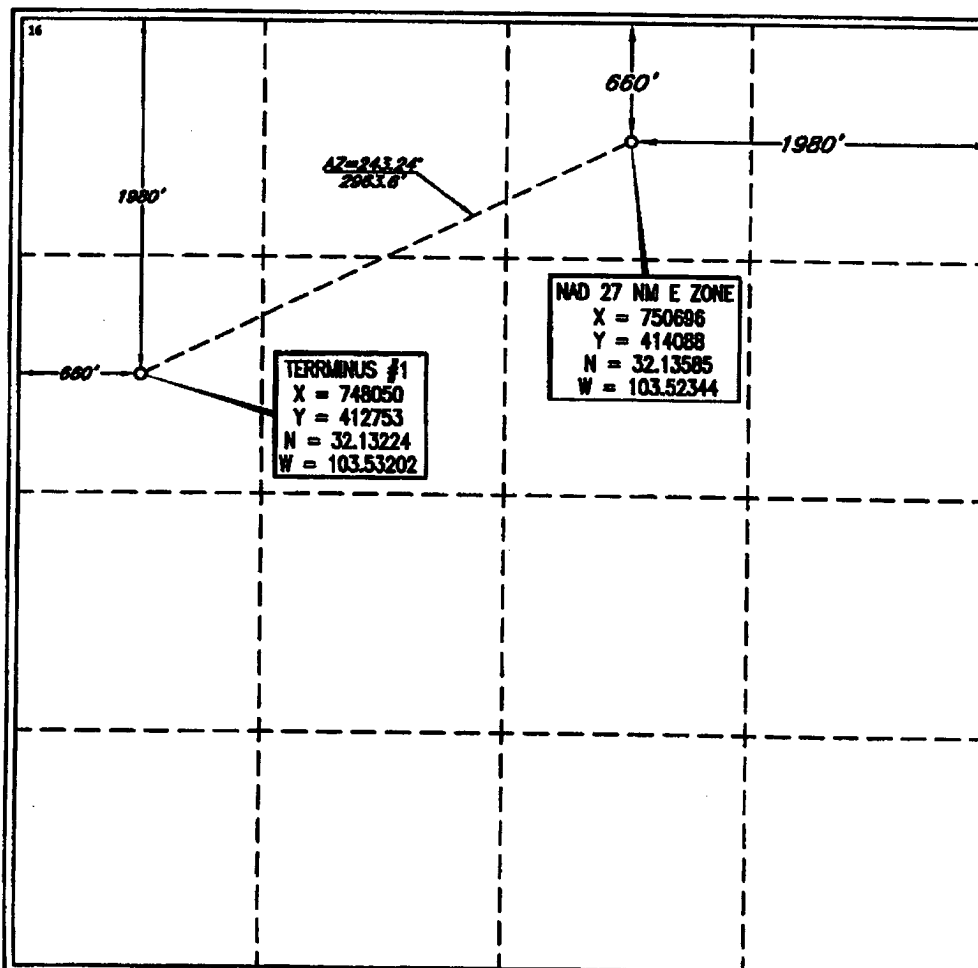
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	13	25 SOUTH	33 EAST, N.M.P.M.		660'	NORTH	1980'	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
E	13	25 SOUTH	33 EAST, N.M.P.M.		1980'	NORTH	660'	WEST	LEA
¹² Dedicated Acres		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



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
12/15/2003

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.

MARCH 12, 2003

Date of Survey

Signature and Seal of Professional Surveyor

V. L. Bezner 3-19-03
Certification Number
V. L. BEZNER R.P.S. #7920
JOB #86613 / 96NE / J.C.P.

eog resources inc

Planning Report

Company: EOG Resources Field: Red Hills Site: RHNU # 302 WIW Well: RHNU # 302 WIW Wellpath: Lateral Sidetrack	Date: 12/15/2003 Co-ordinate(NE) Reference: Site: RHNU # 302 WIW, Grid North Vertical (TVD) Reference: SITE 3375.0 Section (VS) Reference: Well (0.00N,0.00E,243.23Azi) Plan: Plan #1	Time: 08:40:00 Page: 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 # 302 WIW

Site Position: From: Map Position Uncertainty: 0.00 ft Ground Level: 3357.00 ft	Northing: 414088.00 ft Easting: 750696.00 ft	Latitude: 32 8 9.073 N Longitude: 103 31 24.377 W North Reference: Grid Grid Convergence: 0.43 deg
--	---	---

Well: RHNU # 302 WIW

Slot Name:

Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft	Northing: 414088.00 ft Easting: 750696.00 ft	Latitude: 32 8 9.073 N Longitude: 103 31 24.377 W
--	---	--

Wellpath: Lateral Sidetrack

Current Datum: SITE Magnetic Data: 12/15/2003 Field Strength: 49481 nT Vertical Section: Depth From (TVD) ft	Height 3375.00 ft +N/-S ft +E/-W ft	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 8.60 deg Mag Dip Angle: 60.37 deg Direction deg
0.00	0.00	0.00 243.23

Plan: Plan #1

Date Composed: 12/15/2003
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	
11863.03	0.00	0.00	11863.03	0.00	0.00	0.00	0.00	0.00	0.00	
12463.03	90.00	243.23	12245.00	-172.04	-341.03	15.00	15.00	0.00	0.00	
13081.06	90.00	243.23	12245.00	-450.41	-892.82	0.00	0.00	0.00	0.00	T2
13081.09	90.00	243.23	12245.00	-450.43	-892.85	6.00	6.00	0.00	0.00	
13575.05	90.00	243.23	12244.98	-672.91	-1333.87	0.00	0.00	0.00	0.00	
13581.06	89.64	243.23	12245.00	-675.62	-1339.23	6.00	-6.00	0.00	180.00	T3
13581.24	89.63	243.23	12245.00	-675.70	-1339.40	6.00	-6.00	0.00	-180.00	
14363.82	89.63	243.23	12250.04	-1028.17	-2038.08	0.00	0.00	0.00	0.00	
14381.07	90.67	243.23	12250.00	-1035.94	-2053.49	6.00	6.00	0.00	0.00	T4
14381.22	90.68	243.23	12250.00	-1036.01	-2053.62	6.00	5.99	0.29	2.78	
14799.84	90.68	243.23	12245.07	-1224.54	-2427.35	0.00	0.00	0.00	0.00	
14811.10	90.00	243.20	12245.00	-1229.62	-2437.40	6.00	-5.99	-0.29	-177.22	T5
15044.81	90.00	243.20	12245.00	-1335.00	-2646.00	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
T5			12245.00	-1229.62	-2437.40	412858.38	748258.60	32 7 57.085 N	103 31 52.828 W
BHL			12245.00	-1335.00	-2646.00	412753.00	748050.00	32 7 56.058 N	103 31 55.263 W
T1			12245.00	-135.12	-267.85	413952.88	750428.15	32 8 7.755 N	103 31 27.504 W
T2			12245.00	-450.41	-892.82	413637.59	749803.18	32 8 4.682 N	103 31 34.799 W
T3			12245.00	-675.62	-1339.23	413412.38	749356.77	32 8 2.486 N	103 31 40.010 W

eog resources inc

Planning Report

Company: EOG Resources	Date: 12/15/2003	Time: 08:40:00	Page: 2
Field: Red Hills	Co-ordinate(NE) Reference: Site: RHNU # 302 WIW, Grid North		
Site: RHNU # 302 WIW	Vertical (TVD) Reference: SITE 3375.0		
Well: RHNU # 302 WIW	Section (VS) Reference: Well (0.00N,0.00E,243.23Azi)		
Wellpath: Lateral Sidetrack	Plan: Plan #1		

Targets

Name	Description		TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →		
	Dip.	Dir.						Deg	Min	Sec	Deg	Min	Sec
T4			12250.00	-1035.94	-2053.49	413052.06	748642.51	32	7	58.974 N	103	31	48.347 W



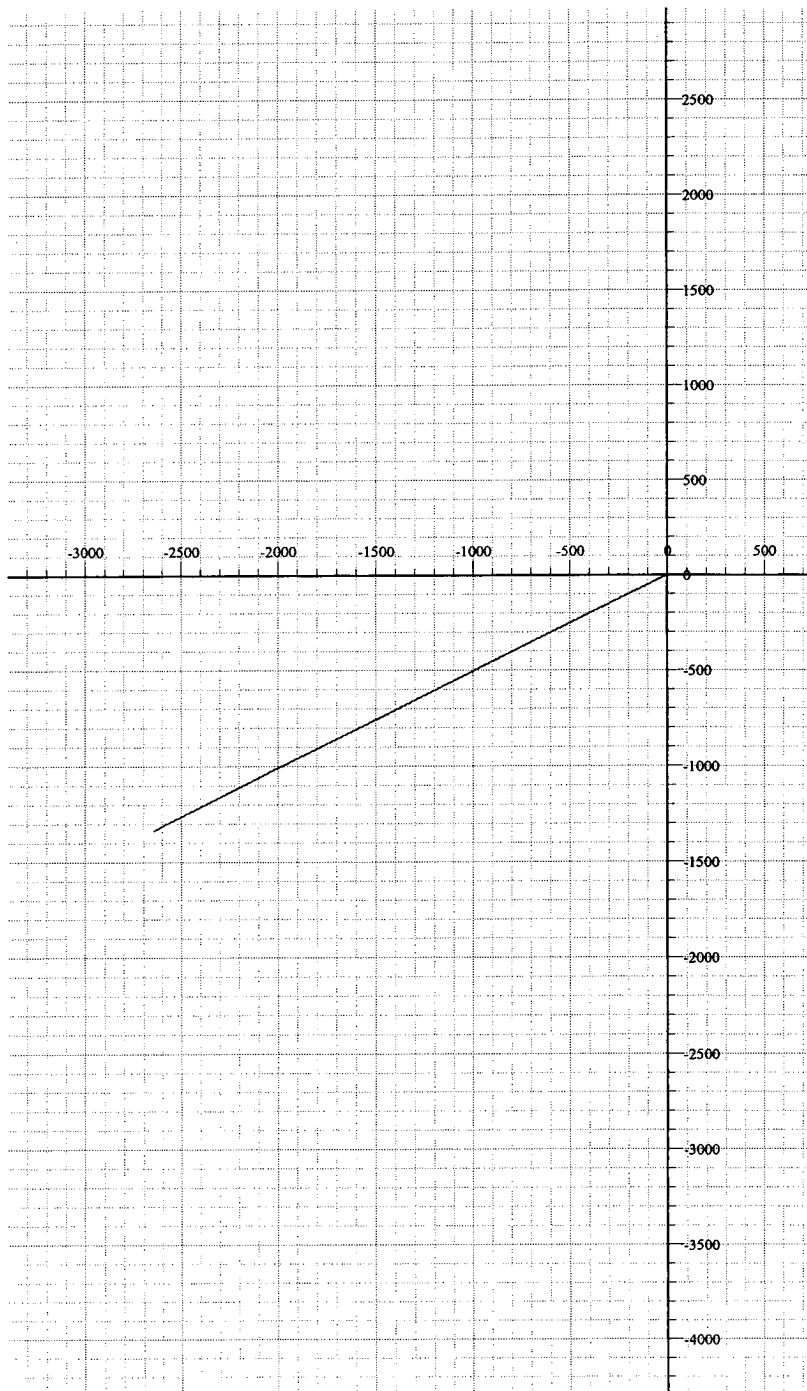
Field: Red Hills
 Site: RHNU # 302 WTW
 Well: RHNU # 302 WTW
 Wellpath: Lateral Sidetrack
 Plan: Plan #1



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

Magnetic Field
 Strength: 49481nT
 Dip Angle: 60.37°
 Date: 12/15/2003
 Model: igr2000

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



South(-)/North(+) [5000ft/in]

True Vertical Depth [10000ft/in]

