

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Alamosa, NM 88210

FORM APPROVED
OMB NO. 1004-0135

Expires: November 30, 2000

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, TX 79702

3b. Phone No. (include area code)

(915)686-3714

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

2050' FNL&1980' FEL Sec. 7 (U/L G)
T-18-S; R-30-E NMPM

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OOD-ARTERIA

5. Lease Serial No.

LC 063621A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Ranger 7 Fed Com. No. 1

9. API Well No.

30-015-28690

10. Field and Pool, or Exploratory

Sand Tank Bone Spring

11. County or Parish, State

Eddy

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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

Horizontal 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 recomplete 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 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. plans to add a Horizontal Lateral to the Existing well bore for this well. Length of lateral 1649.4'

CIBP set \pm 7461. Whipstock will be set on top of CIBP with windows \pm 7449-7456. Kickoff point will be 7461'

Attached are Survey Plat, planning report and drilling curve.

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

Name (Printed/Typed)

Mike Francis

Title

Agent

Signature

Date

1/06/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) ALEXIS C. SWOBODA

PETROLEUM ENGINEER

JAN 10 2005

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

RFO

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 30-015-28690		² Pool Code 96832		³ Pool Name Sand Tank Bone Spring	
⁴ Property Code 17763		⁵ Property Name RANGER 7 FED. COM			⁶ Well Number 1H
⁷ OGRID No.		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3515'

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
G	7	18 SOUTH	30 EAST, N.M.P.M.		2051'	NORTH	1981'	EAST	EDDY

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
H	7	18 SOUTH	30 EAST, N.M.P.M.		1650'	NORTH	330'	EAST	EDDY

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

<div><p>16</p><p>NAD 27 NM E ZONE X = 599806 Y = 641639 LAT.: N 32.76354 LONG.: W 104.00866</p><p>TERMINUS HOLE LOC. X = 601455 Y = 642046 LAT.: N 32.76464 LONG.: W 104.00329</p></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</p> <p>Mike Francis Printed Name</p> <p>Agent Title</p> <p>1/06/2005 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>NOVEMBER 24, 2004 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>V. L. Beznar</i> Signature</p> <p>V. L. BEZNER R.P.S. #7920 Certificate Number</p> <p>JOB # 99683 / 97NW / J.C.P.</p>

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EOG Resources Inc

Planning Report

Company: EOG Resources Field: Red Hills Site: Ranger 7 Fed Com #1 Well: Ranger 7 Fed Com #1 Wellpath: Lateral Sidetrack	Date: 1/6/2005 Co-ordinate(NE) Reference: Site: Ranger 7 Fed Com #1, Grid North Vertical (TVD) Reference: SITE 3533.0 Section (VS) Reference: Well (0.00N,0.00E,76.14Azi) Plan: Plan #1
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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: Ranger 7 Fed Com #1

Site Position:	Northing: 641639.00 ft	Latitude: 32 45 48.736 N
From: Map	Easting: 599806.00 ft	Longitude: 104 0 31.156 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3515.00 ft		Grid Convergence: 0.18 deg

Well: Ranger 7 Fed Com #1

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 641639.00 ft	Latitude: 32 45 48.736 N
+E/-W 0.00 ft	Easting: 599806.00 ft	Longitude: 104 0 31.156 W
Position Uncertainty: 0.00 ft		

Wellpath: Lateral Sidetrack

Current Datum: SITE	Height 3533.00 ft	Drilled From: Surface
Magnetic Data: 1/6/2005		Tie-on Depth: 0.00 ft
Field Strength: 49723 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S	Declination: 8.81 deg
ft	ft	Mag Dip Angle: 60.86 deg
		+E/-W
		ft
		Direction
		deg
11458.00	0.00	0.00 76.14

Plan: Plan #1

Date Composed: 1/6/2005

Principal: Yes

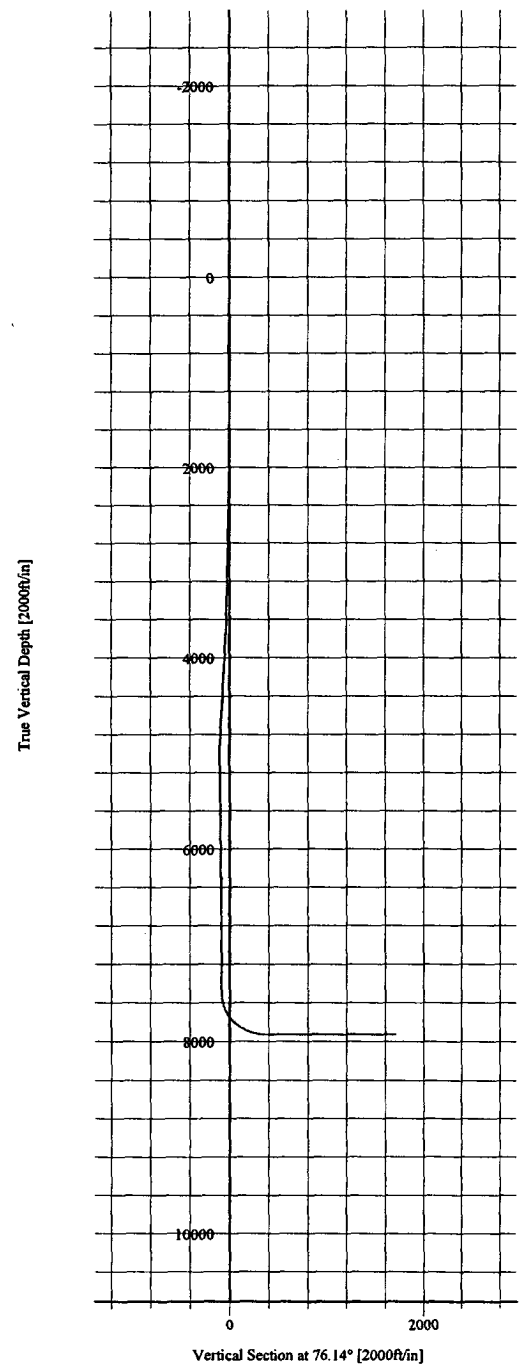
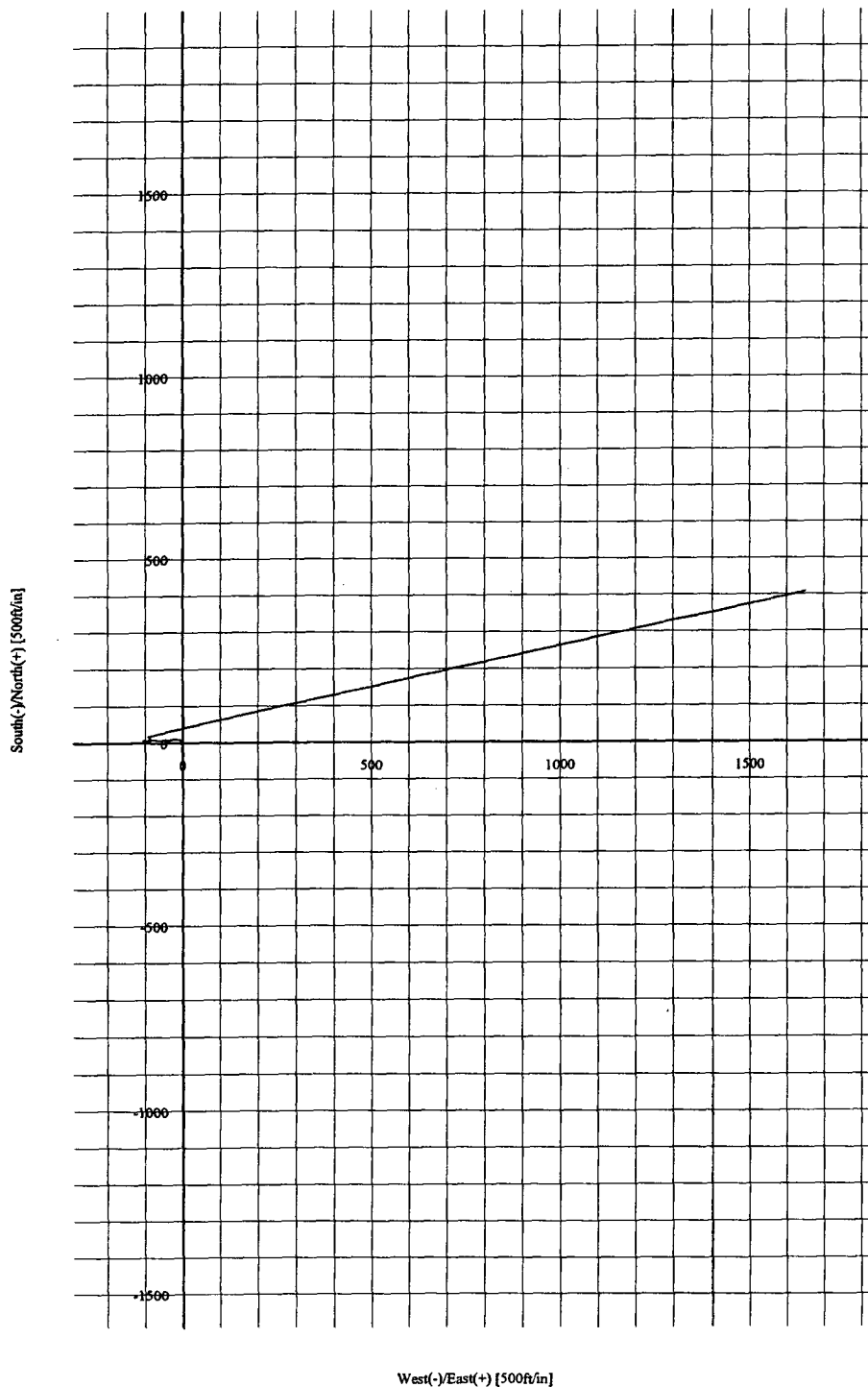
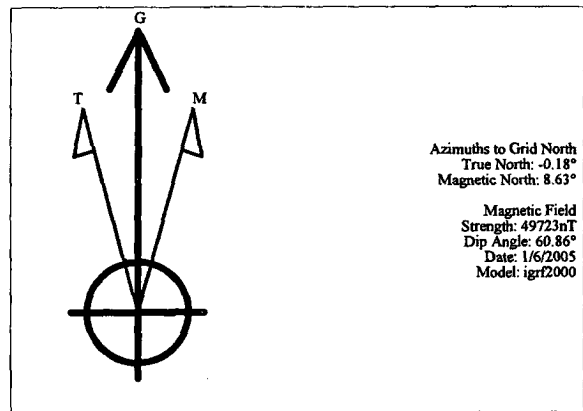
Version: 1

Tied-to: From: Definitive Path

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
7400.00	0.68	318.71	7397.68	16.38	-91.43	0.00	0.00	0.00	0.00	
7461.00	0.72	298.13	7458.67	16.83	-92.01	0.42	0.07	-33.74	268.65	
7486.18	0.72	298.13	7483.85	16.98	-92.29	0.00	0.00	0.00	0.00	
8176.78	90.00	77.50	7925.00	115.09	333.55	13.11	12.93	20.18	139.37	T1
9524.23	90.00	77.50	7925.00	407.00	1649.00	0.00	0.00	0.00	0.00	BHL

Field: Red Hills
 Site: Ranger 7 Fed Com #1
 Well: Ranger 7 Fed Com #1
 Wellpath: Lateral Sidetrack
 Plan: Plan #1



2050' FNL
1980' FEL
Section 7
Township 18 South
Range 30 East

Ranger 7 Fed Com #1
Sand Tank Field
Eddy County, NM

API #: 30-015-28690

KB: 3538'
GL: 3520'

Current Wellbore

11-3/4" 42# H-40 STC @ 661'
Cmt Circ.

8-5/8" 32# J-55 LTC @ 4550'
Cmt Circ.

TOC @ 2900'

CIBP @ 7461'

1st Bone Springs Perfs from 6976-7050'.

2nd Bone Springs Perfs from 7366-7418'.

CIBP @ 8610'

Bit Size: 7-78"

5-1/2" 17# N-80/ L-80/ CF-95 LTC/ BTC @ 11780'

CIBP @ 11110'

TOC @ 2900' by TS.

Morrow Perfs from 11234-11334'.

Fish: Vann Guns, 59' x
3.375" on bottom

TD: 11780'
PBSD: 7461'