

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 18640
6	If Indian, Allottee or Tribe Name
7	If Unit or CA/Agreement, Name and/or No. Red Hills North Unit # 811
8	Well Name and No.
9	API Well No. 30-025-32980
10	Field and Pool, or Exploratory Red Hills (Bone Spring)
11	County or Parish, State Lea NM

1. Type of well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> 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 662' FSL & 509' FWL Sec.8 T-25-S; R-34-E
BHL 121' FNL & 2400' 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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <u>Drill Horizontal</u>
			<u>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 recomple 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 recomple 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.

Bond Number NM 2308

EOG Resources proposes to re-enter the subject wellbore, sidetrack, and drill a horizontal lateral. The existing perforations will be isolated with a CIBP 50' above the existing perforations at 12,204' with 50' of cement on top of the plug. A whipstock will be set in the 5 1/2" casing at 11952'. The well will be sidetracked and directionally drilled as per the attached directional program. Oil based mud will be used to drill the lateral section. Start Date 2/10/2003 End Date 3/24/2003

This well was originally surveyed at 510' FWL & 660' FSL. A new survey shows it to be 509' FWL & 662' FSL. Corrected C-102 attached.

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

Mike Francis

Title Agent

Date 1/22/2003

Signature

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.

SUBJECT TO
LIKE APPROVAL
BY STATE

JAN 23 2003

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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 30-025-32980	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 811
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3344'

¹⁰ Surface Location

UL or lot no. M	Section 8	Township 25 SOUTH	Range 34 EAST, N.M.P.M.	Lot Idn	Feet from the 662'	North/South line SOUTH	Feet from the 509'	East/West line WEST	County LEA
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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
¹² Dedicated Acres 40		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>SECTION 8</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 Mike Francis Printed Name Agent Title 1/22/2003 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>JANUARY 18, 2003 Date of Survey Signature and Seal of Professional Surveyor Certificate Number V. L. BEZNER R.P.S. #7920 JOB #85494-1 / 21 NW / J.C.P.</p>
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⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation

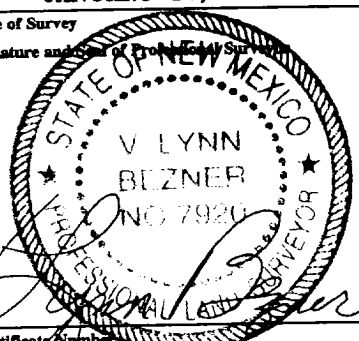
¹⁰ Surface Location

UL or lot no.	Section 7	Township 25 SOUTH	Range 34 EAST, N.M.P.M.	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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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
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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<div><p>¹⁶</p><p>SECTION 7</p><p>AZ=254.55', 2022.6' "DRILL BORE"</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 1/22/2003 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>JANUARY 18, 2003 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number V. L. BEZNER R.P.S. #7920 JOB # 85494-2 / 21 NW / J.C.P.</p></div>
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State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

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☐ AMENDED REPORT

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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

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
B	18	25 SOUTH	34 EAST, N.M.P.M.		121'	NORTH	2400'	EAST	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

<p>¹⁶</p> <p>SECTION 18</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></p> <p>Signature</p> <p>Mike Francis</p> <p>Printed Name</p> <p>Agent</p> <p>Title</p> <p>1/22/2003</p> <p>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 18, 2003</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate No.</p> <p>V. L. BEZNER R.P.S. #7920</p> <p>JOB #85494-3 / 21 NW / J.C.P.</p>



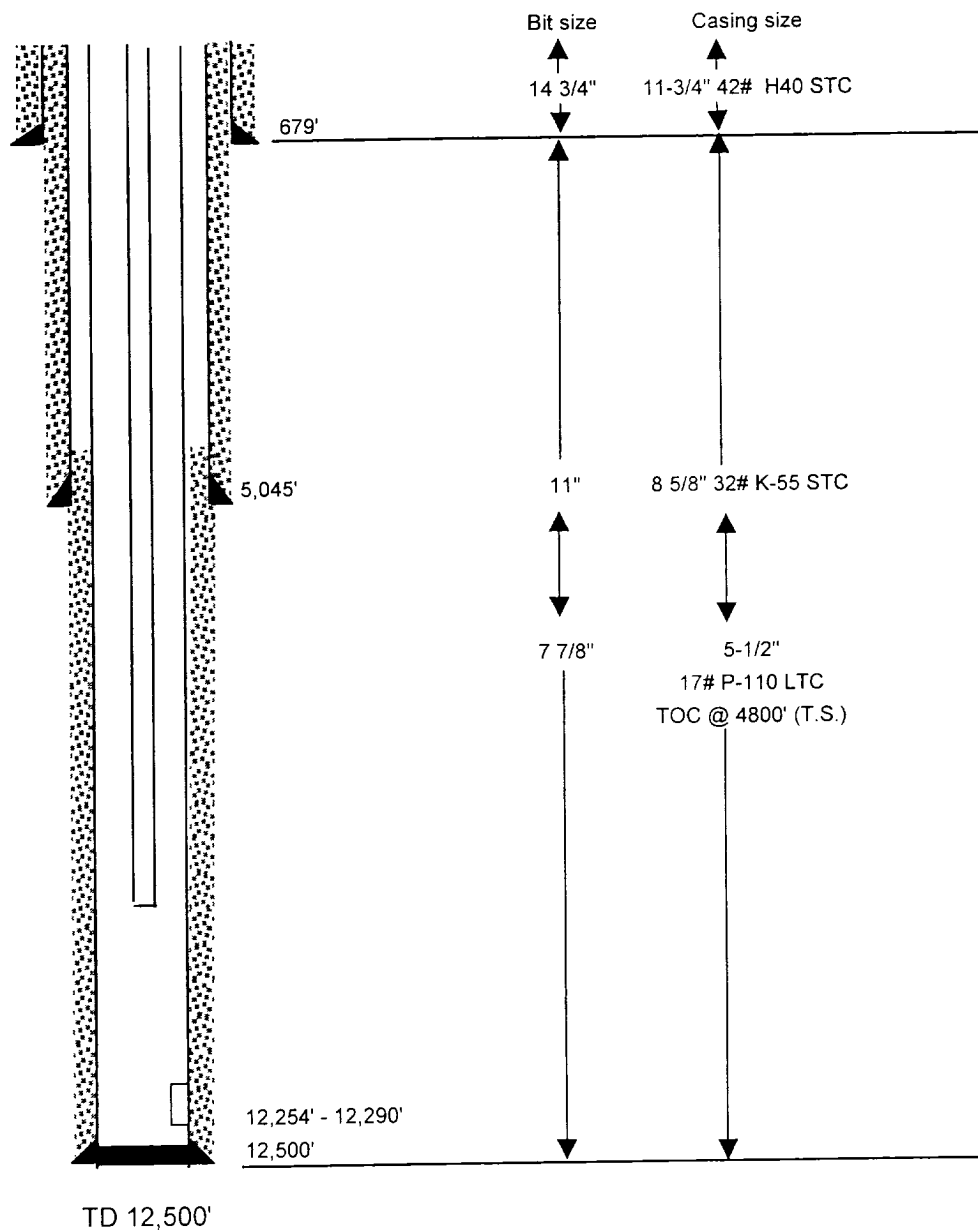
RHNU No. 811

662' FSL 509' FWL

Sec. 8, T-25S, R-34E

Lea County, New Mexico

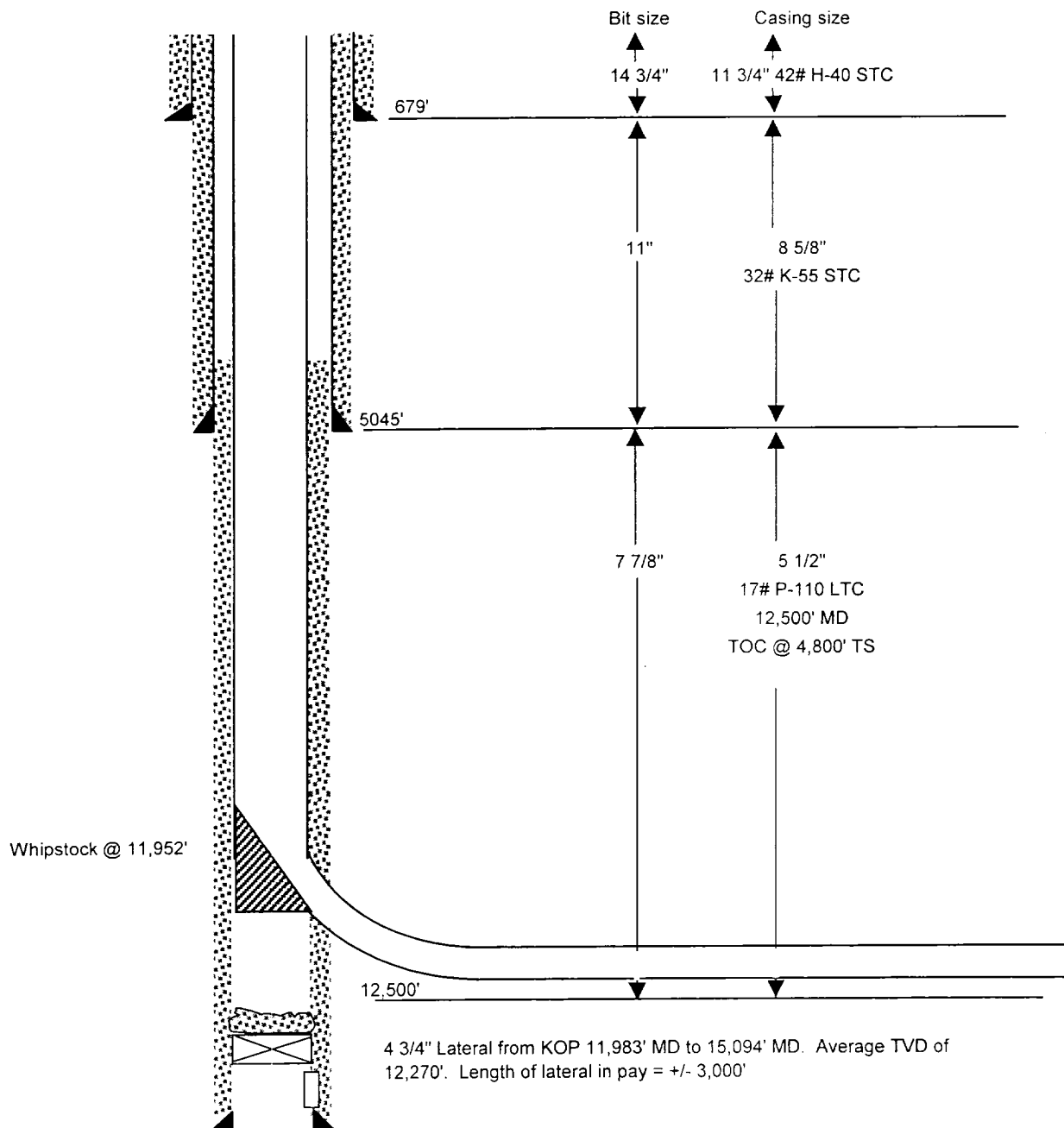
Current Wellbore Schematic





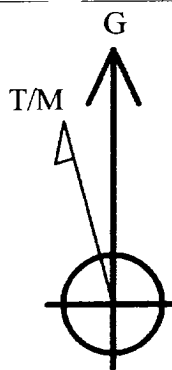
RHNU No. 811
662' FSL 509' FWL
Sec. 8, T-25S, R-34E
Lea County, New Mexico

Proposed Wellbore Schematic



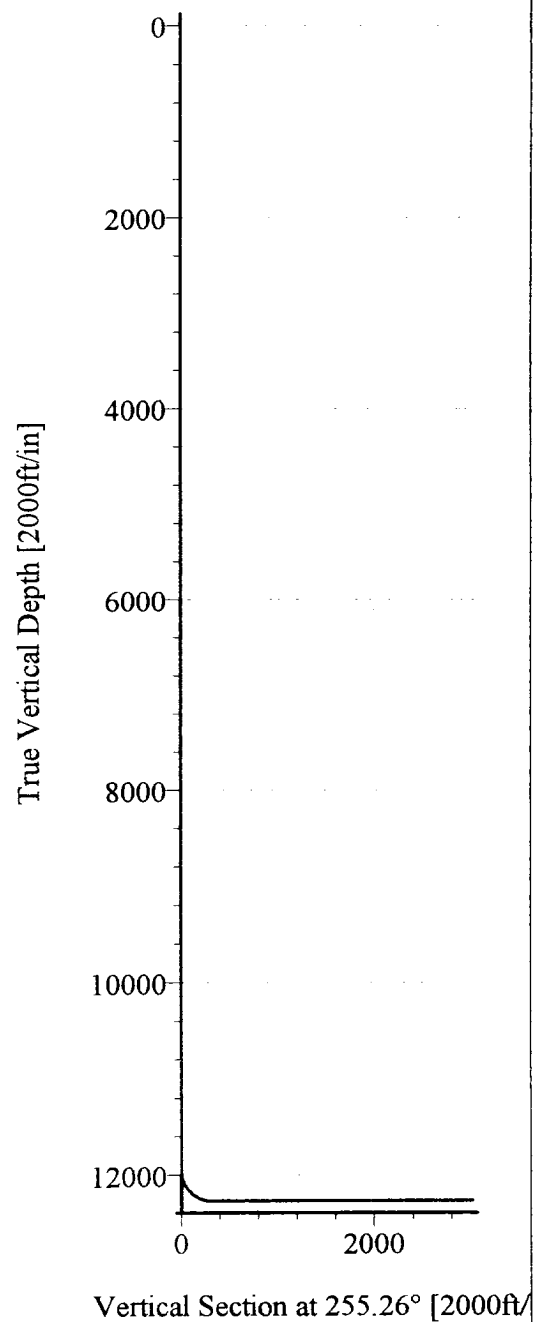
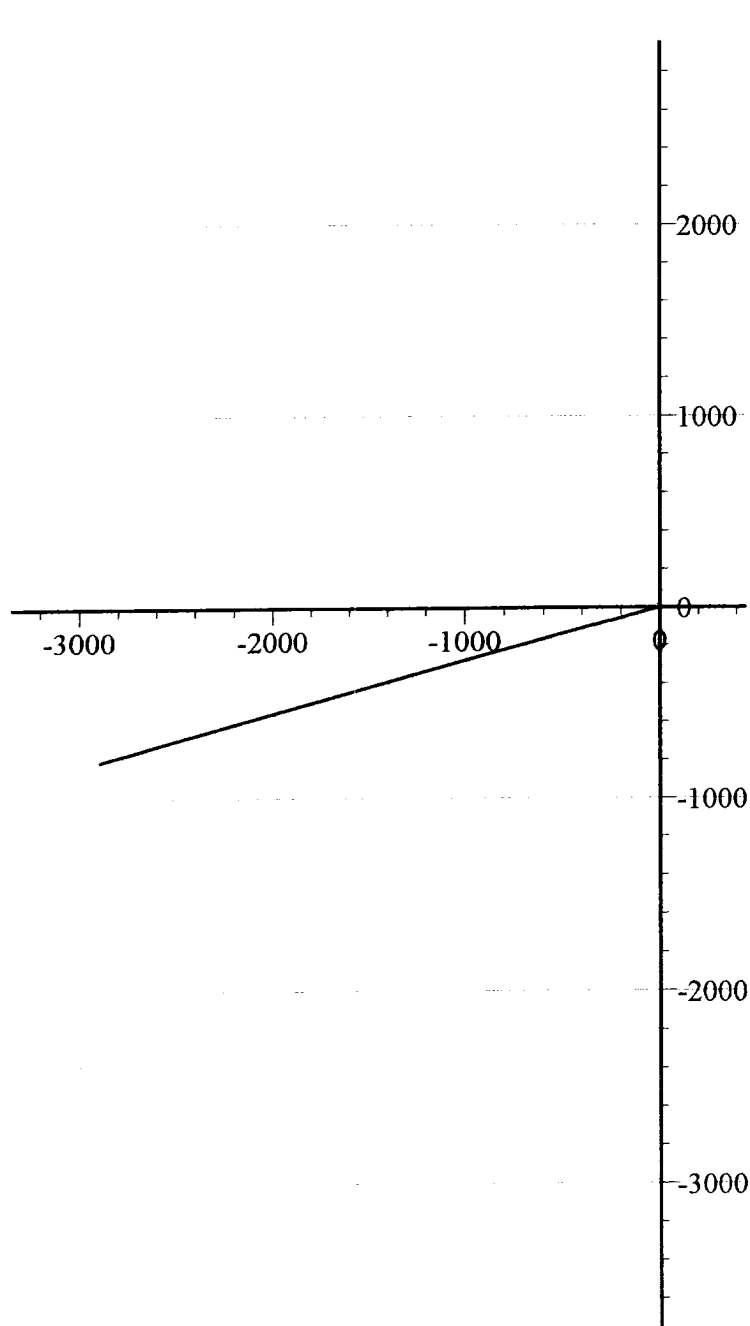


Field: Red Hills
Site: RHNU # 811
Well: RHNU #811
Wellpath: #811
Plan: Plan #1



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 1/10/2003
Model: igrf2000



eog resources inc

Planning Report

Company: EOG Resources
Field: Red Hills
Site: RHNU # 811
Well: RHNU #811
Wellpath: #811

Date: 1/22/2003
Co-ordinate(NE) Reference: Site: RHNU # 811, Grid North
Vertical (TVD) Reference: SITE 3364.0
Section (VS) Reference: Well (0.00N,0.00E,255.26Azi)
Plan: Plan #1

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 # 811

Site Position:	Northing: 415470.00 ft	Latitude: 32 8 22.163 N
From: Map	Easting: 758443.00 ft	Longitude: 103 29 54.162 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3344.00 ft		Grid Convergence: 0.44 deg

Well: RHNU #811

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 415470.00 ft	Latitude: 32 8 22.163 N
+E/-W 0.00 ft	Easting: 758443.00 ft	Longitude: 103 29 54.162 W
Position Uncertainty: 0.00 ft		

Wellpath: #811

Current Datum: SITE	Height 3364.00 ft	Drilled From: Surface
Magnetic Data: 1/10/2003		Tie-on Depth: 0.00 ft
Field Strength: 0 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD) ft	+N/-S ft	Declination: 0.00 deg
		Mag Dip Angle: 0.00 deg
		+E/-W ft
		Direction deg
0.00	0.00	0.00 255.26

Plan: Plan #1

Date Composed: 1/10/2003
Version: 2
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	
11951.67	0.00	0.00	11951.67	0.00	0.00	0.00	0.00	0.00	0.00	
11951.69	0.00	0.00	11951.69	0.00	0.00	0.00	0.00	0.00	0.00	
12451.69	90.00	254.56	12270.00	-84.76	-306.82	18.00	18.00	0.00	0.00	
15145.13	90.00	254.56	12270.00	-802.00	-2903.00	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			12270.00	-802.00	-2903.00	414668.00	755540.00	32	8	14.448 N	103	30	27.994 W

EOG Resources, Inc.

Red Hills North Unit 811

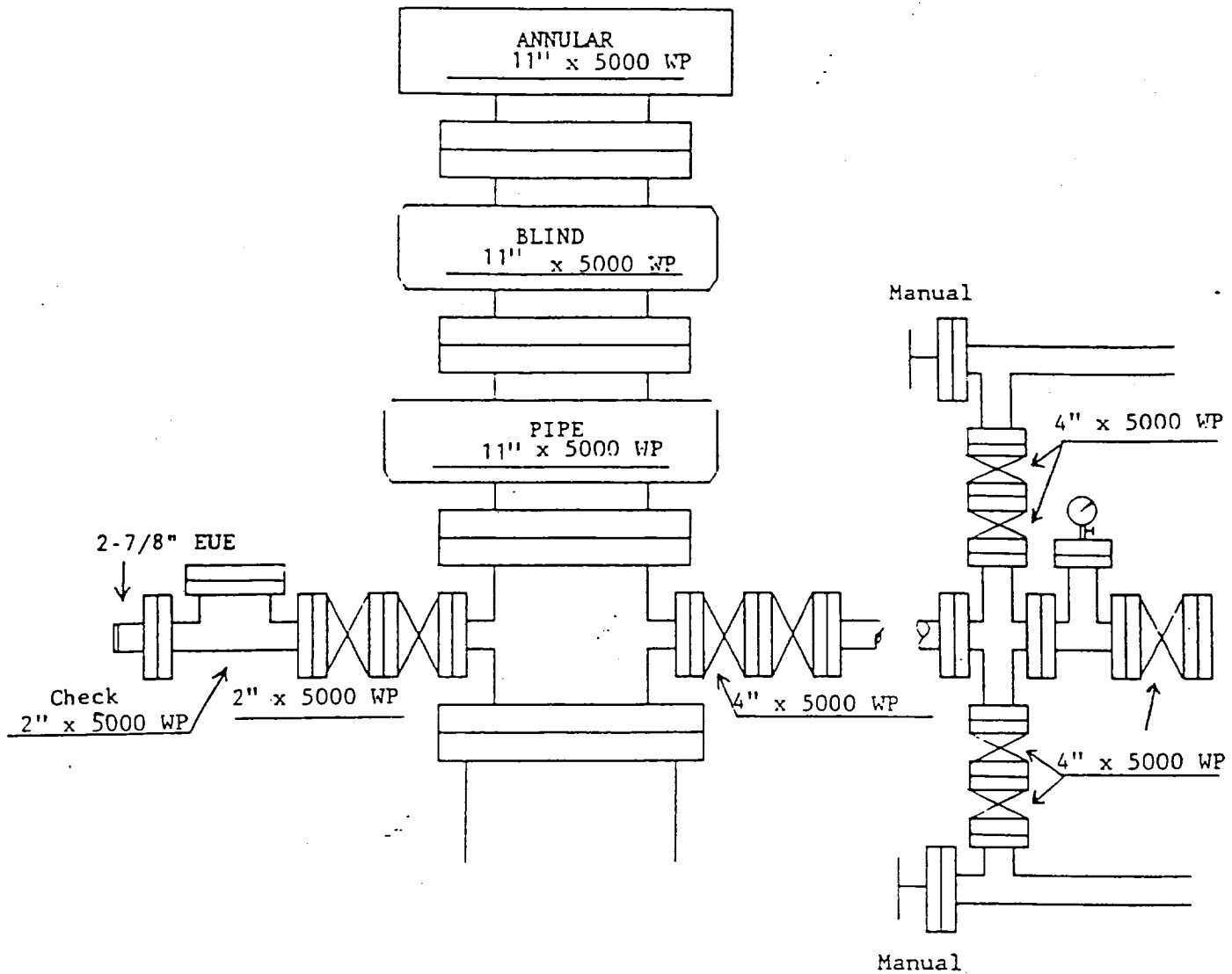


Exhibit 1