

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240FORM 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, Texas 79702

## 3b. Phone No. (include area code)

915 686 3689

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

S/L 1831 FNL & 660 FWL, Sec 17, T25S, R34E E  
BHL 2200 FNL & 2375 FEL, Sec 18, T25S, R34E

## 5. Lease Serial No.

NM108500

## 6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or N  
Red Hills North Unit

## 8. Well Name and No.

Red Hills North Unit No. 902

## 9. API Well No.

30-025-32989

## 10. Field and Pool, or Exploratory Area

Red Hills; Bone Spring

## 11. County or Parish, State

Lea NM

## 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☒ OtherDrill HorizontalLateral

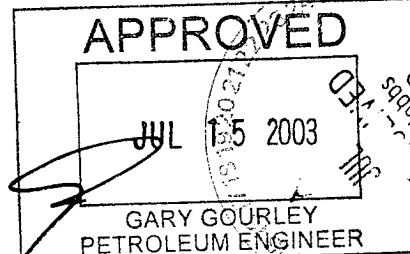
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 final site is ready for final inspection.)

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 +/- 12210' with 50' of cement on top of the plug. A whipstock will be set in the 5 1/2" casing at +/- 11875'. 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.

Estimated start date: 7/28/03

end date: 8/21/03

Bond Number 2308

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

Stan Wagner

## Title

Regulatory Analyst

Date 7/07/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by

## 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 operations thereon.

## Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

JUL 17 2003

# eog resources inc

## Planning Report

Company: EOG Resources	Date: 7/8/2003	Time: 15:24:46	Page: 1
Field: Red Hills	Co-ordinate(NE) Reference: Site: RHNU #902, Grid North		
Site: RHNU #902	Vertical (TVD) Reference: SITE 3352.0		
Well: RHNU #902	Section (VS) Reference: Well (0.00N,0.00E,262.65Azi)		
Wellpath: Lateral No.1	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 #902

Site Position:	Northing:	412979.00 ft	Latitude:	32	7	57.500 N
From: Map	Easting:	758613.00 ft	Longitude:	103	29	52.410 W
Position Uncertainty:	0.00 ft		North Reference:			Grid
Ground Level:	3332.00 ft		Grid Convergence:			0.44 deg

Well: RHNU #902

Slot Name:

Well Position:	+N/-S	0.00 ft	Northing:	412979.00 ft	Latitude:	32	7	57.500 N
	+E/-W	0.00 ft	Easting:	758613.00 ft	Longitude:	103	29	52.410 W
Position Uncertainty:	0.00 ft							

Wellpath: Lateral No.1

Current Datum:	SITE	Height	3352.00 ft	Drilled From:	Surface
Magnetic Data:	7/8/2003			Tie-on Depth:	0.00 ft
Field Strength:	49516 nT			Above System Datum:	Mean Sea Level
Vertical Section:	Depth From (TVD)	+N/-S		Declination:	8.62 deg
	ft	ft		Mag Dip Angle:	60.37 deg
				+E/-W	Direction
				ft	deg
	12232.00	0.00		0.00	262.65

Plan: Plan #1

Date Composed: 7/8/2003  
 Version: 1  
 Tied-to: From Surface

Principal: Yes

### Plan Section Information

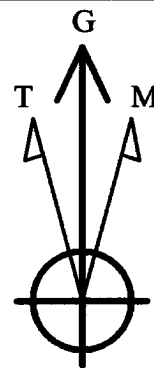
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11892.10	0.00	0.00	11892.10	0.00	0.00	0.00	0.00	0.00	0.00	
12492.10	90.00	262.65	12274.07	-48.87	-378.83	15.00	15.00	0.00	262.65	
12492.97	89.95	262.65	12274.07	-48.98	-379.70	6.00	-6.00	0.00	-180.00	
12591.63	89.95	262.65	12274.16	-61.60	-477.55	0.00	0.00	0.00	0.00	
12610.13	91.06	262.65	12274.00	-63.97	-495.89	6.00	6.00	0.00	0.00	T1
12610.22	91.06	262.65	12274.00	-63.98	-495.98	6.00	6.00	0.00	0.00	
13249.60	91.06	262.65	12262.14	-145.76	-1130.00	0.00	0.00	0.00	0.00	
13260.24	90.42	262.65	12262.00	-147.12	-1140.55	6.00	-6.00	0.00	180.00	T2
13260.52	90.41	262.65	12262.00	-147.16	-1140.83	6.00	-6.00	-0.04	-179.65	
14582.81	90.41	262.65	12252.59	-316.31	-2452.22	0.00	0.00	0.00	0.00	
14610.28	92.06	262.66	12252.00	-319.83	-2479.46	6.00	6.00	0.04	0.35	T3
15167.75	92.06	262.66	12232.00	-391.00	-3032.00	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		12232.00	-391.00	-3032.00	412588.00	755581.00	32 7 53.862 N	103 30 27.703 W
T3		12252.00	-319.83	-2479.46	412659.17	756133.54	32 7 54.525 N	103 30 21.271 W
T2		12262.00	-147.12	-1140.55	412831.88	757472.45	32 7 56.132 N	103 30 5.686 W
T1		12274.00	-63.97	-495.89	412915.03	758117.11	32 7 56.905 N	103 29 58.182 W

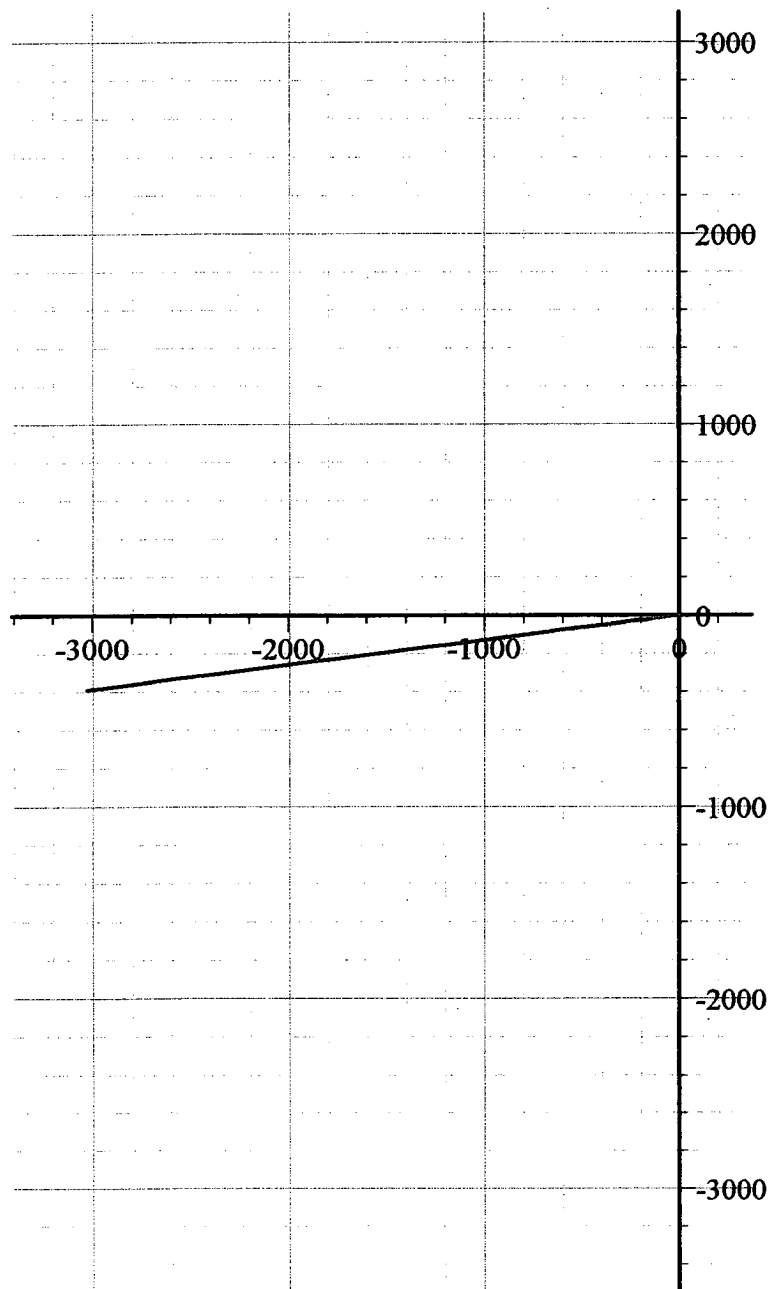


Field: Red Hills  
Site: RHNU #902  
Well: RHNU #902  
Wellpath: Lateral No.1  
Plan: Plan #1



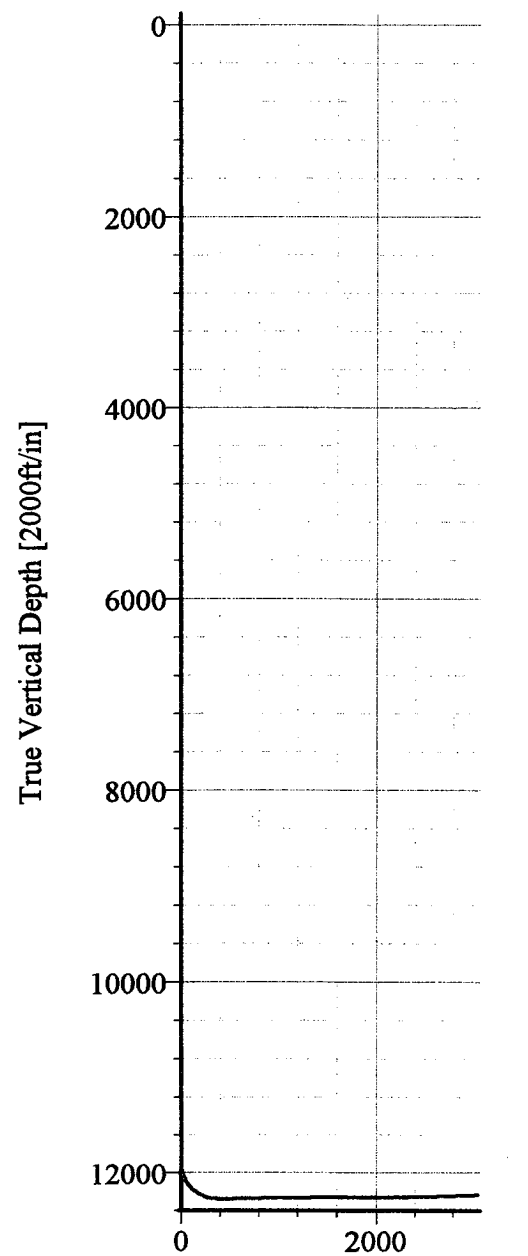
Azimuths to Grid North  
True North:  $-0.44^{\circ}$   
Magnetic North:  $8.17^{\circ}$

Magnetic Field  
Strength: 49516nT  
Dip Angle:  $60.37^{\circ}$   
Date: 7/8/2003  
Model: igrf2000



West(-)/East(+) [1000ft/in]

South(-)/North(+) [1000ft/in]



Vertical Section at  $262.65^{\circ}$  [2000ft/in]

**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**

<sup>1</sup> API Number 30-025-32989	<sup>2</sup> Pool Code 51020	<sup>3</sup> Pool Name Red Hills; Bone Spring
<sup>4</sup> Property Code 26406	<sup>5</sup> Property Name RED HILLS NORTH UNIT	
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.	<sup>6</sup> Well Number 902
		<sup>9</sup> Elevation 3332'

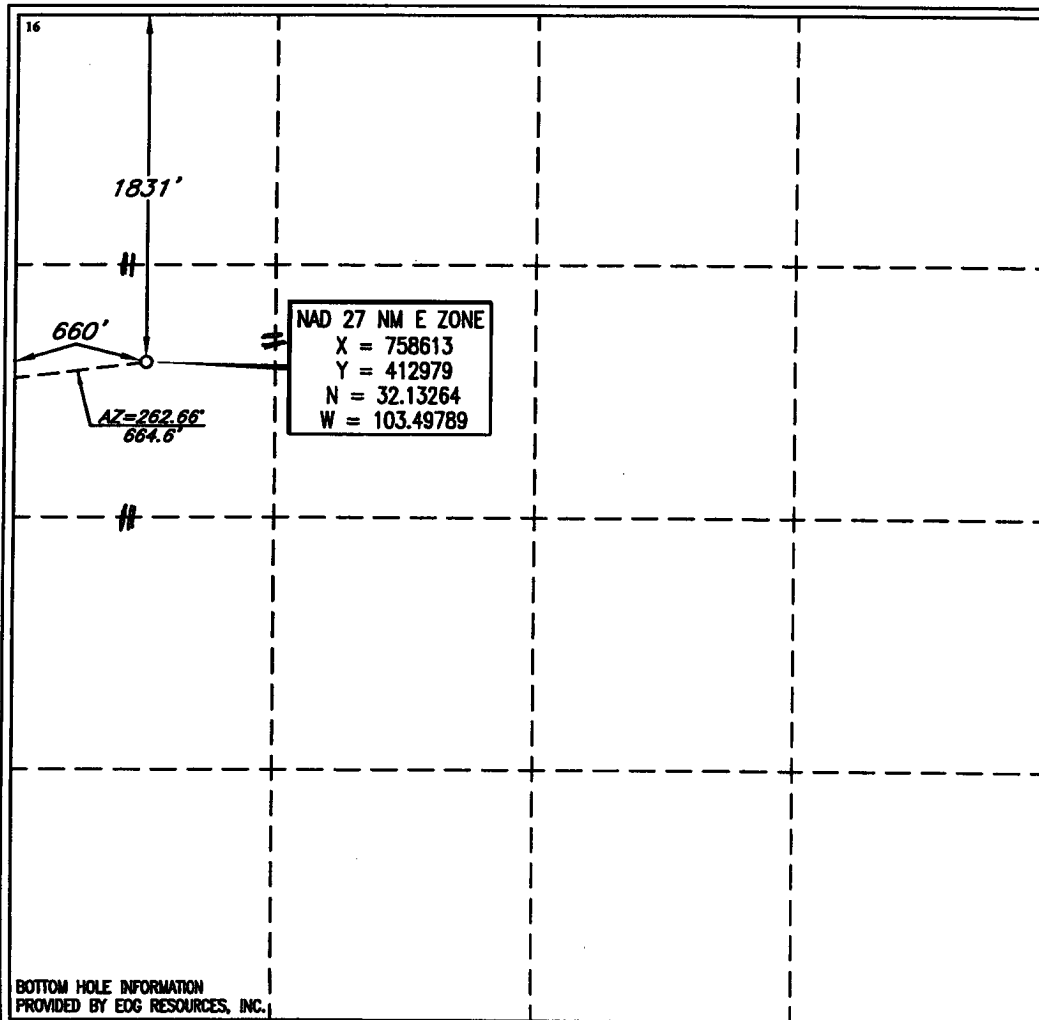
<sup>10</sup> Surface Location

UL or lot no. E	Section 17	Township 25 SOUTH	Range 33 EAST, N.M.P.M.	Lot Idn	Feet from the 1831'	North/South line NORTH	Feet from the 660'	East/West line WEST	County LEA
--------------------	---------------	----------------------	----------------------------	---------	------------------------	---------------------------	-----------------------	------------------------	---------------

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 40		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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.

*Stan Wagner*  
Signature

Stan Wagner  
Printed Name

Regulatory Analyst  
Title

7/9/03  
Date

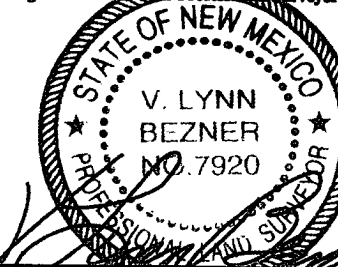
**18 SURVEYOR CERTIFICATION**

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



Certificate Number

V. L. BEZNER R.P.S. #7920

JOB #86614 / 96NE / J.C.P.

**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**

<sup>1</sup> API Number 30-025-32989	<sup>2</sup> Pool Code 51020	<sup>3</sup> Pool Name Red Hills; Bone Spring
<sup>4</sup> Property Code 26406	<sup>5</sup> Property Name <b>RED HILLS NORTH UNIT</b>	
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name <b>EOG RESOURCES, INC.</b>	<sup>6</sup> Well Number <b>902</b>
		<sup>9</sup> Elevation <b>3332'</b>

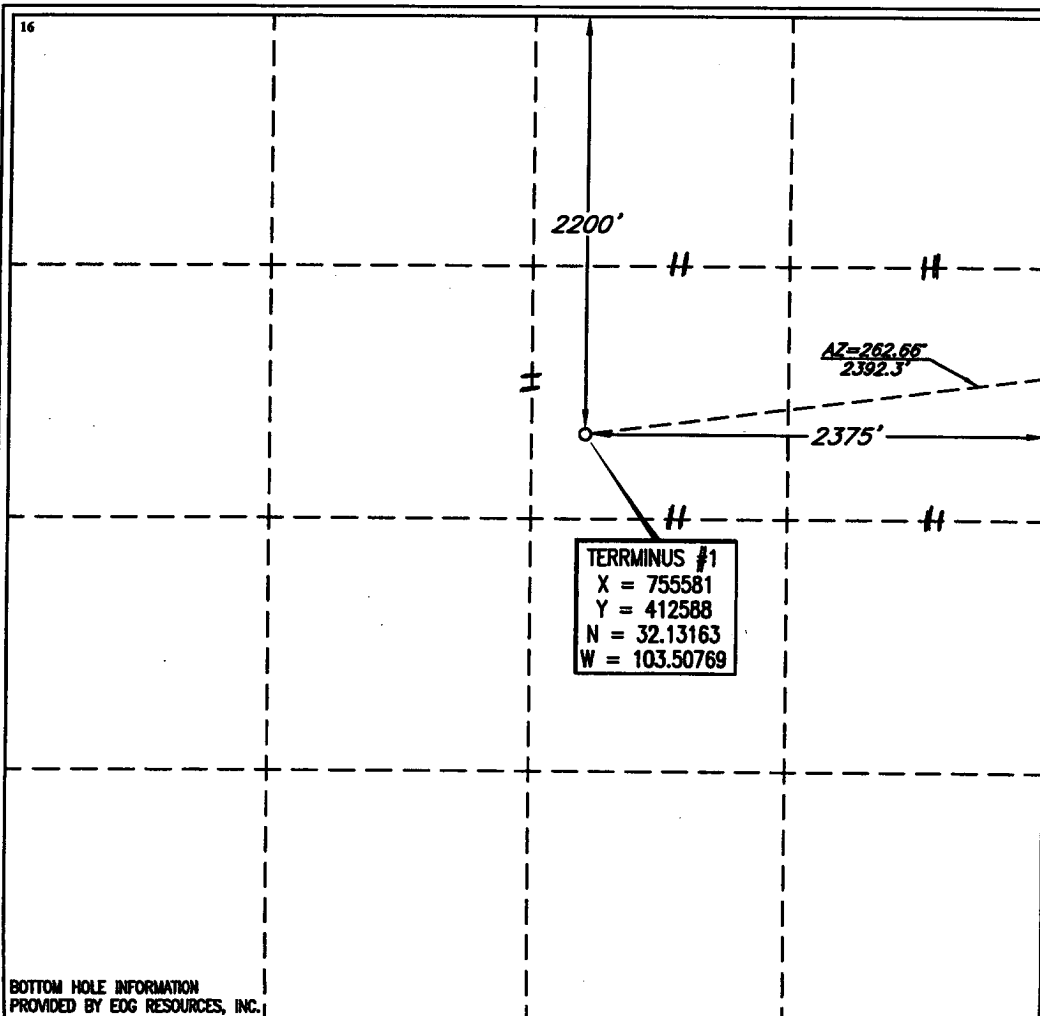
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>11</sup> 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>G</b>	<b>18</b>	<b>25 SOUTH</b>	<b>33 EAST, N.M.P.M.</b>		<b>2200'</b>	<b>NORTH</b>	<b>2375'</b>	<b>EAST</b>	<b>LEA</b>
<sup>12</sup> Dedicated Acres 80		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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**



BOTTOM HOLE INFORMATION  
PROVIDED BY EOG RESOURCES, INC.

**17 OPERATOR CERTIFICATION**

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

*Stan Wagner*  
Signature

Stan Wagner  
Printed Name

Regulatory Analyst  
Title

7/9/03  
Date

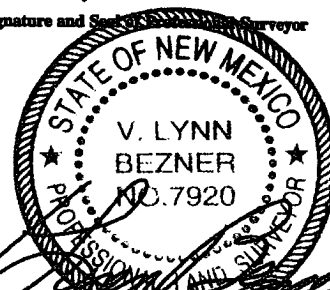
**18 SURVEYOR CERTIFICATION**

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 Surveyor



Certificate Number

V. L. BEZNER R.P.S. #7920

JOB #86614-T / 96NE / J.C.P.