

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~~ 108500

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 703

9 API Well No.  
30-025-32577

10 Field and Pool, or Exploratory  
Red Hills Bone Spring

11 County or Parish, State  
Lea Co. NM

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)  
990/5 S/L 991' FWL & 988' FSL Sec. 7 T-25-S; R-34-E  
990/W BHL 450' FNL & 1625' FEL Sec. 13 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 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 checked="" type="checkbox"/> 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 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.

Bond Number 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 12,220 with 50' of cement on top of the plug. A whipstock will be set in the 5 1/2" casing at 11,868. 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: 6/23/2003 (EOG well planning report attached)  
End Date: 7/17/2003 (Revised C-102's Attached)

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

Mike Francis

Signature

*Mike Francis*

Title

Date

6/3/03

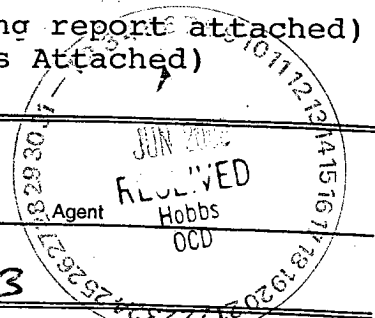
FEDERAL OR STATE OFFICE USE

Approved by (ORIG. SGD.) DAVID R. GLASS

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 18 U.S.C. Section 1001 and Title 18 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SUBJECT TO  
LIKE APPROVAL  
BY NMOCD



# eog resources inc

## Planning Report

<b>Company:</b> EOG Resources <b>Field:</b> Red Hills <b>Site:</b> RHNU # 703 <b>Well:</b> RHNU # 703 <b>Wellpath:</b> Original Openhole	<b>Date:</b> 6/3/2003 <b>Co-ordinate(NE) Reference:</b> Site: RHNU # 703, Grid North <b>Vertical (TVD) Reference:</b> SITE 3384.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,240.81Azi) <b>Plan:</b> 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:** RHNU # 703

<b>Site Position:</b> <b>From:</b> Map <b>Position Uncertainty:</b> 0.00 ft <b>Ground Level:</b> 3364.00 ft	<b>Northing:</b> 415754.00 ft <b>Easting:</b> 753656.00 ft	<b>Latitude:</b> 32 8 25.337 N <b>Longitude:</b> 103 30 49.808 W <b>North Reference:</b> Grid <b>Grid Convergence:</b> 0.44 deg
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**Well:** RHNU # 703

**Slot Name:**

<b>Well Position:</b> +N/-S 0.00 ft <b>Position Uncertainty:</b> 0.00 ft	<b>Well Position:</b> +E/-W 0.00 ft <b>Position Uncertainty:</b> 0.00 ft	<b>Well Position:</b> Northing: 415754.00 ft <b>Well Position:</b> Easting: 753656.00 ft <b>Well Position:</b> Latitude: 32 8 25.337 N <b>Well Position:</b> Longitude: 103 30 49.808 W
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**Wellpath:** Original Openhole

<b>Current Datum:</b> SITE <b>Magnetic Data:</b> 5/21/2003 <b>Field Strength:</b> 49529 nT <b>Vertical Section:</b> Depth From (TVD) ft	<b>Height</b> 3384.00 ft <b>+N/-S</b> ft <b>+E/-W</b> ft	<b>Drilled From:</b> Surface <b>Tie-on Depth:</b> 0.00 ft <b>Above System Datum:</b> Mean Sea Level <b>Declination:</b> 8.63 deg <b>Mag Dip Angle:</b> 60.38 deg <b>+E/-W</b> Direction deg <b>0.00</b> 0.00 0.00 240.81
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**Plan:** Plan #1

**Date Composed:** 5/21/2003  
**Version:** 1  
**Tied-to:** From Surface

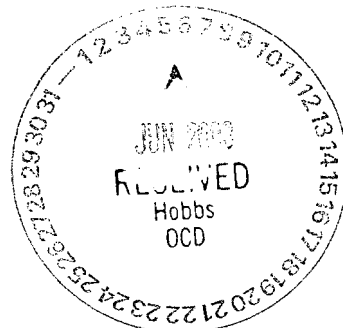
**Principal:** Yes

### 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	
11868.10	0.00	0.00	11868.10	0.00	0.00	0.00	0.00	0.00	0.00	
12468.10	90.00	240.81	12250.07	-186.31	-333.46	15.00	15.00	0.00	240.81	
15071.29	90.00	240.81	12250.00	-1456.00	-2606.00	0.00	0.00	0.00	0.00	BHL

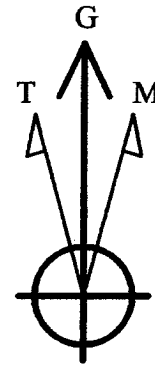
### Targets

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		12250.00	-1456.00	-2606.00	414298.00	751050.00	32 8 11.124 N	103 31 20.242 W



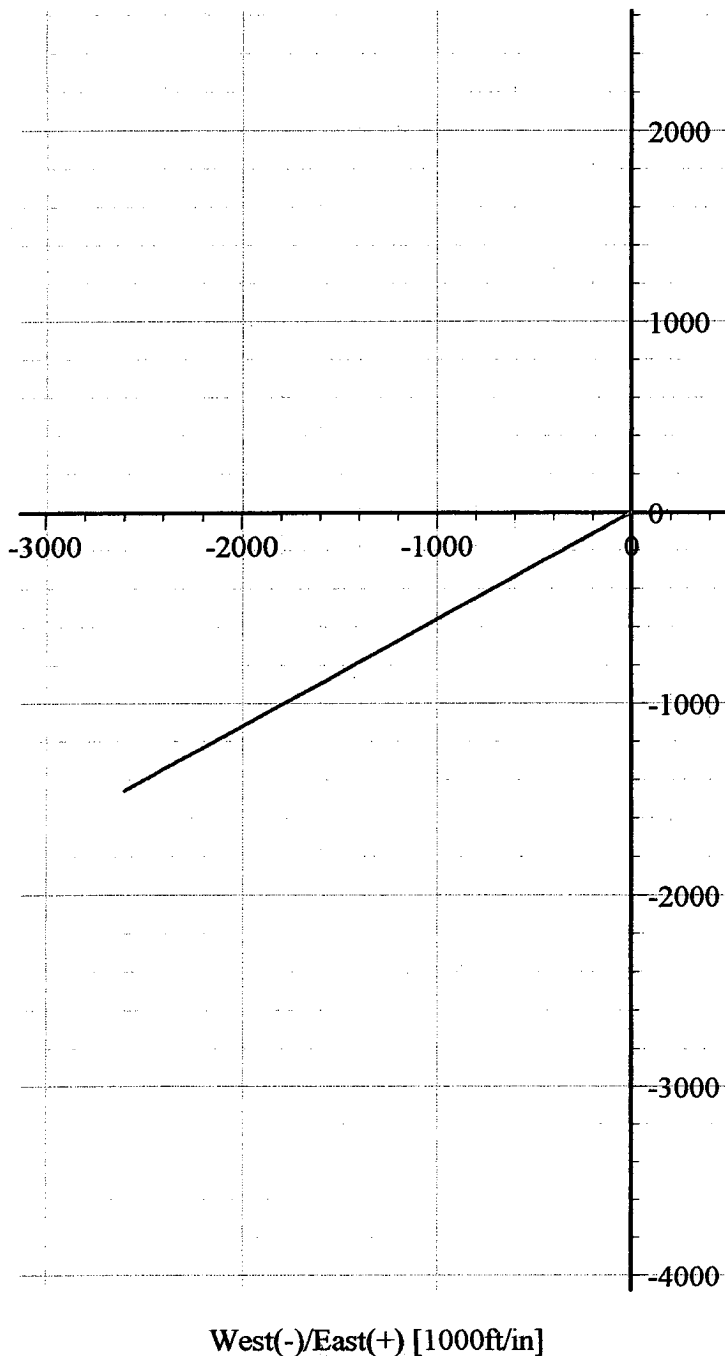


Field: Red Hills  
Site: RHNU # 703  
Well: RHNU # 703  
Wellpath: Original Openhole  
Plan: Plan #1



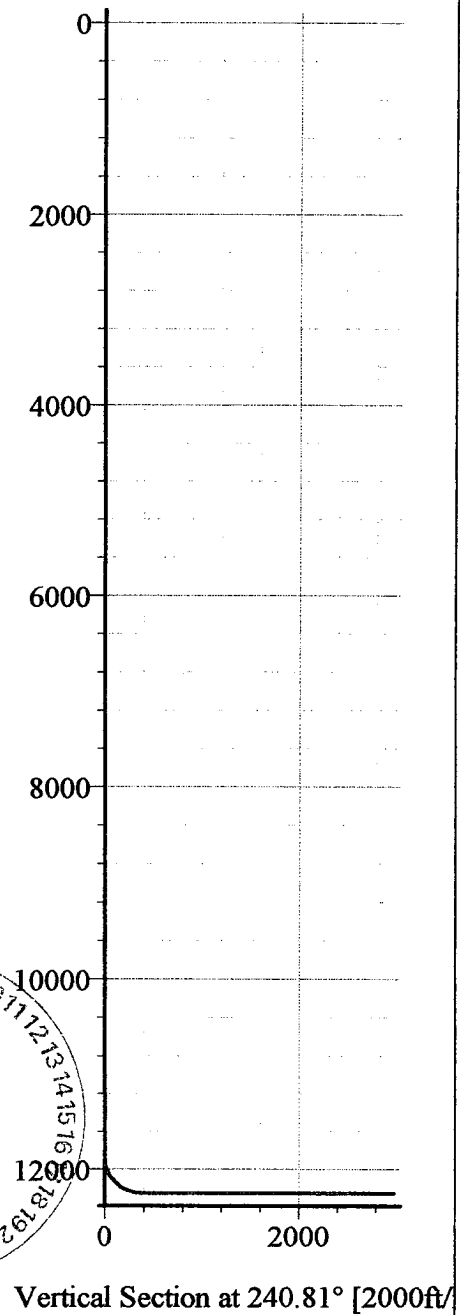
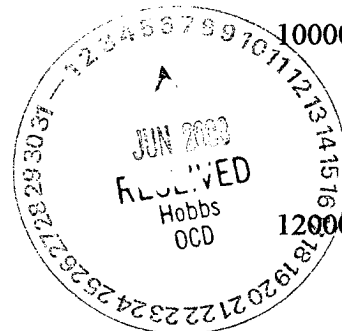
Azimuths to Grid North  
True North:  $-0.44^{\circ}$   
Magnetic North:  $8.20^{\circ}$

Magnetic Field  
Strength: 49529nT  
Dip Angle:  $60.38^{\circ}$   
Date: 5/21/2003  
Model: igrf2000



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

True Vertical Depth [2000ft/in]



**DISTRICT I**  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

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

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

**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

30-015-32577

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-32577		<sup>2</sup> Pool Code 51020	<sup>3</sup> Pool Name Red Hills Bone Spring
<sup>4</sup> Property Code	<sup>5</sup> Property Name RED HILLS NORTH UNIT		<sup>6</sup> Well Number 703
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.		<sup>9</sup> Elevation 3364'

<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
M	7	25 SOUTH	34 EAST, N.M.P.M.		988'	SOUTH	991'	WEST	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.
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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><sup>16</sup></p><p>NAD 27 NM E ZONE X = 753656 Y = 415754 N = 32.14037 W = 103.51384</p></div>	<div><p><sup>17</sup> <b>OPERATOR CERTIFICATION</b></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 6/3/2003 Date</p><p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b></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>MARCH 12, 2003 Date of Survey Signature and Seal of Professional Surveyor <i>V. L. Bezner</i> Certificate Number V. L. BEZNER R.P.S. #7920 JOB #86615-1 / 22NE / J.C.P.</p></div>
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State of New Mexico

Energy, Minerals, and Natural Resources Department

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Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-32577	<sup>2</sup> Pool Code 51020	<sup>3</sup> Pool Name Red Hills Bone Spring
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>RED HILLS NORTH UNIT</b>	<sup>6</sup> Well Number <b>703</b>
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name <b>EOG RESOURCES, INC.</b>	<sup>9</sup> Elevation <b>3364'</b>

<sup>10</sup> Surface Location

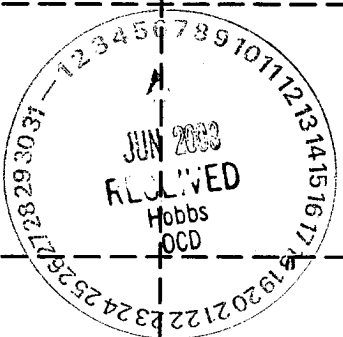
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<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>7</b>	<b>25 SOUTH</b>	<b>33 EAST, N.M.P.M.</b>						<b>LEA</b>

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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<sup>16</sup>			
SECTION 12			
			
AZ-240.81' 925.3'			

<sup>17</sup> 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

6/03/2003  
Date

<sup>18</sup> 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*  
Signature

Certificate Number  
**V. L. BEZNER R.P.S. #7920**  
JOB #86615-2 / 22NE / J.C.P.

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Revised August 15, 2000

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☐ AMENDED REPORT

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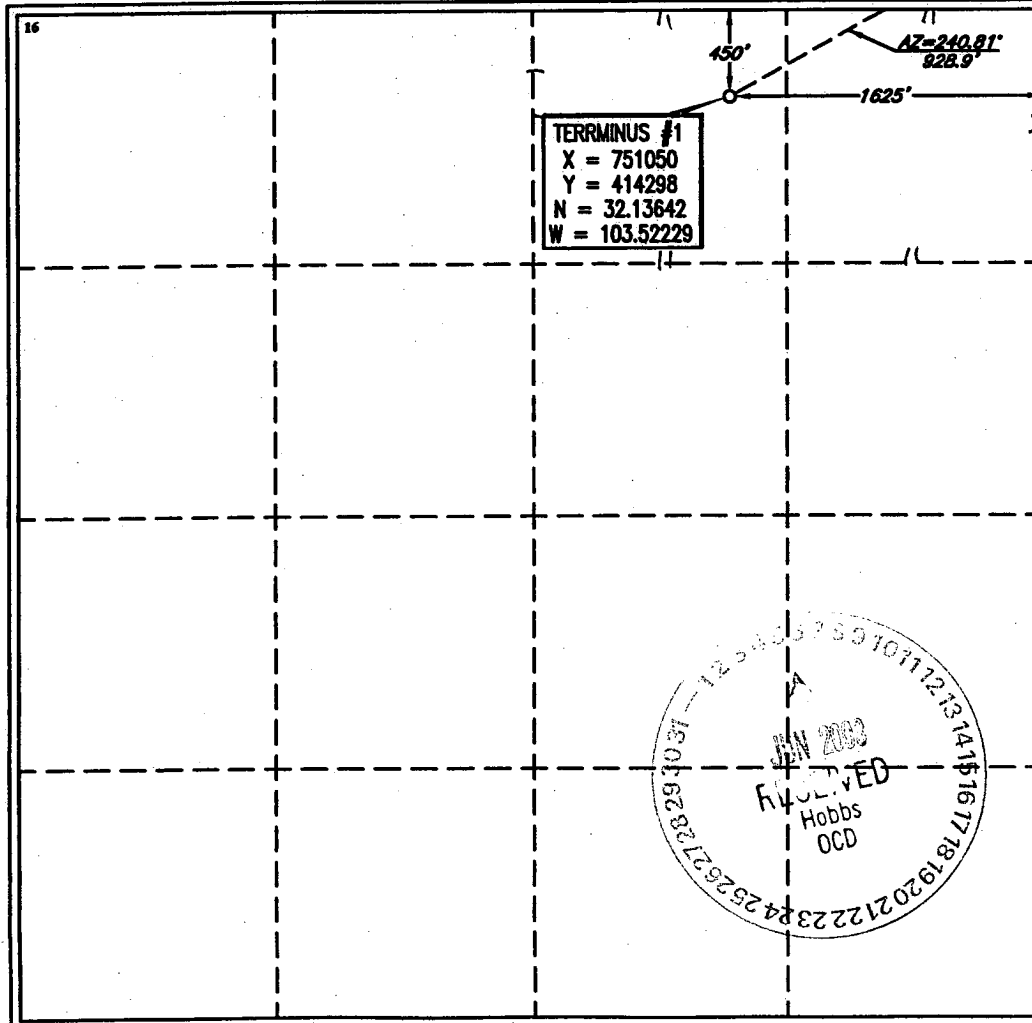
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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<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>B</b>	<b>13</b>	<b>25 SOUTH</b>	<b>33 EAST, N.M.P.M.</b>		<b>450'</b>	<b>NORTH</b>	<b>1625'</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.						

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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

6/03/2003  
Date

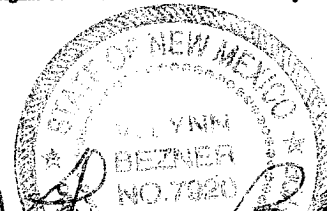
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**MARCH 12, 2003**

Date of Survey

Signature and Seal of Professional Surveyor



Certificate Number

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

**JOB #86615-3 / 22NE / J.C.P.**