

E-06 39

## OCD-HOBBS

Form 3160-3  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM 108503	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator EOG Resources, Inc.		7. If Unit or CA Agreement, Name and No.	
3a. Address P.O. Box 2267, Midland, TX 79702		8. Lease Name and Well No. <i>&lt;13270&gt;</i> VACA FEDERAL 14 No. 24	
3b. Phone No. (include area code) (432) 686-3642		9. API Well No. 30-025-37839	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL & 330' FEL (U/L I) At proposed prod. Zone 330' FSL & 2310' FEL (U/L O)		10. Field and Pool, or Exploratory Red Hills; Bone Springs	
14. Distance in miles and direction from nearest town or post office* 20 miles west from Jal, New Mexico		11. Sec., T., R., M., or Blk. And Survey or Area Section 14, T25S-R33E, N.M.P.M.	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. Unit line, if any)	750'	16. No. of Acres in lease 1,480 acres	17. Spacing Unit dedicated to this well 160 acres
18. Distance from proposed location* to nearest well, drilling, completed applied for, on this lease, ft.	2,800'	19. Proposed Depth 12,275' TVD 14,687' TMD	20. BLM/BIA Bond No. on file NM2308
21. Elevations (Show whether DF, KDB, RT, GL, etc) Gr 3352'	22. Approximate date work will start* 4/15/2006	23. Estimated duration 41 days	
24. Attachments			

The following completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office)
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above)
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Donny G. Glanton</i>	Name (Printed/Typed) Donny G. Glanton	Date 2/16/2006
Title SR ROW LEASE OPERATIONS REPRESENTATIVE		
Approved by (Signature) <i>/s/ Tony J. Herrell</i>	Name (Printed/Typed) <i>/s/ Tony J. Herrell</i>	Date APR 20 2006
Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached

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.

\*(Instructions on reverse)

APPROVAL FOR 1 YEAR

Witness Surface Casing

Carlsbad Controlled Water Basin

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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 & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease- 4 Copies  
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-37839</b>	Pool Code <b>51020</b>	Pool Name <b>Red Hills; Bone Springs</b>
Property Code <b>1327D</b>	Property Name <b>VACA FEDERAL 14</b>	Well Number <b>2H</b>
OGRID No. <b>7377</b>	Operator Name <b>EOG RESOURCES, INC.</b>	Elevation <b>3352'</b>

Surface Location

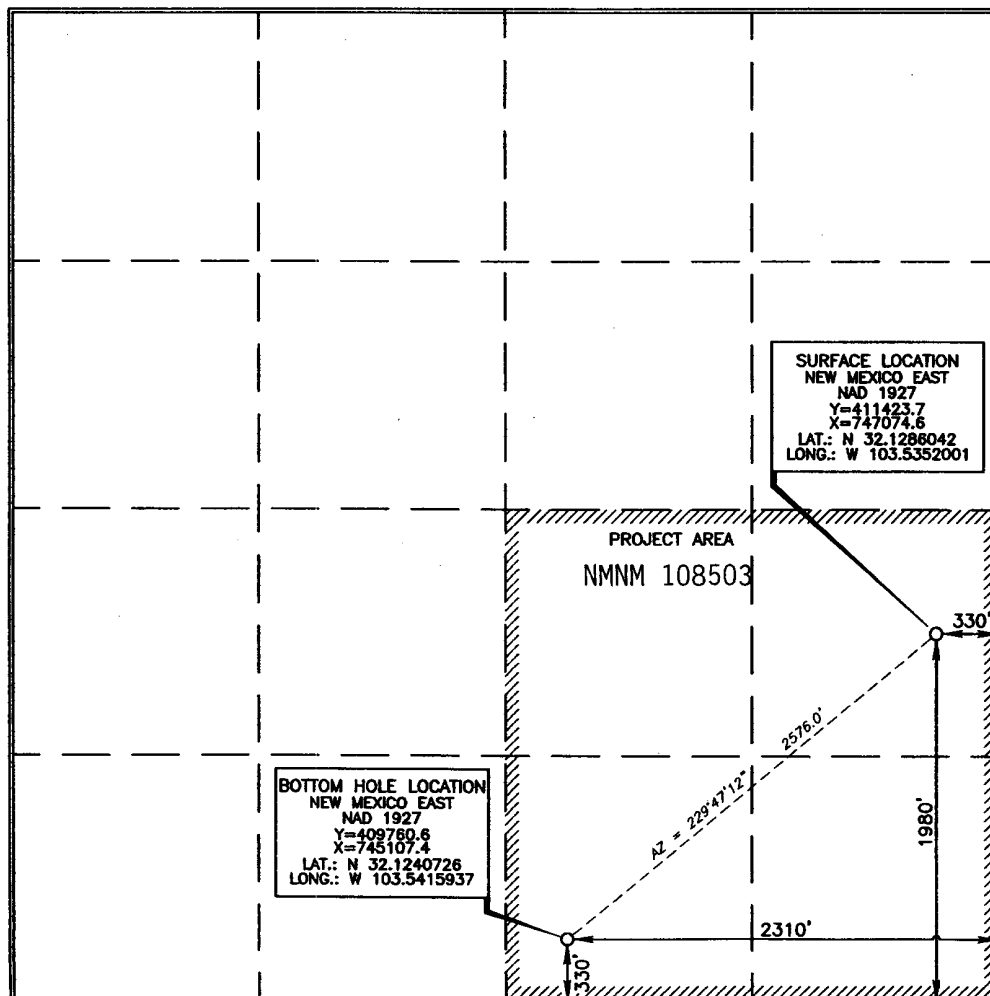
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>1</b>	<b>14</b>	<b>25 SOUTH</b>	<b>33 EAST, N.M.P.M.</b>		<b>1980</b>	<b>SOUTH</b>	<b>330</b>	<b>EAST</b>	<b>LEA</b>

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>0</b>	<b>14</b>	<b>25 SOUTH</b>	<b>33 EAST, N.M.P.M.</b>		<b>330</b>	<b>SOUTH</b>	<b>2310</b>	<b>EAST</b>	<b>LEA</b>

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>160</b>			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Donny G. Glanton* 2/16/2006  
Signature Date

Donny G. Glanton  
Printed Name

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.

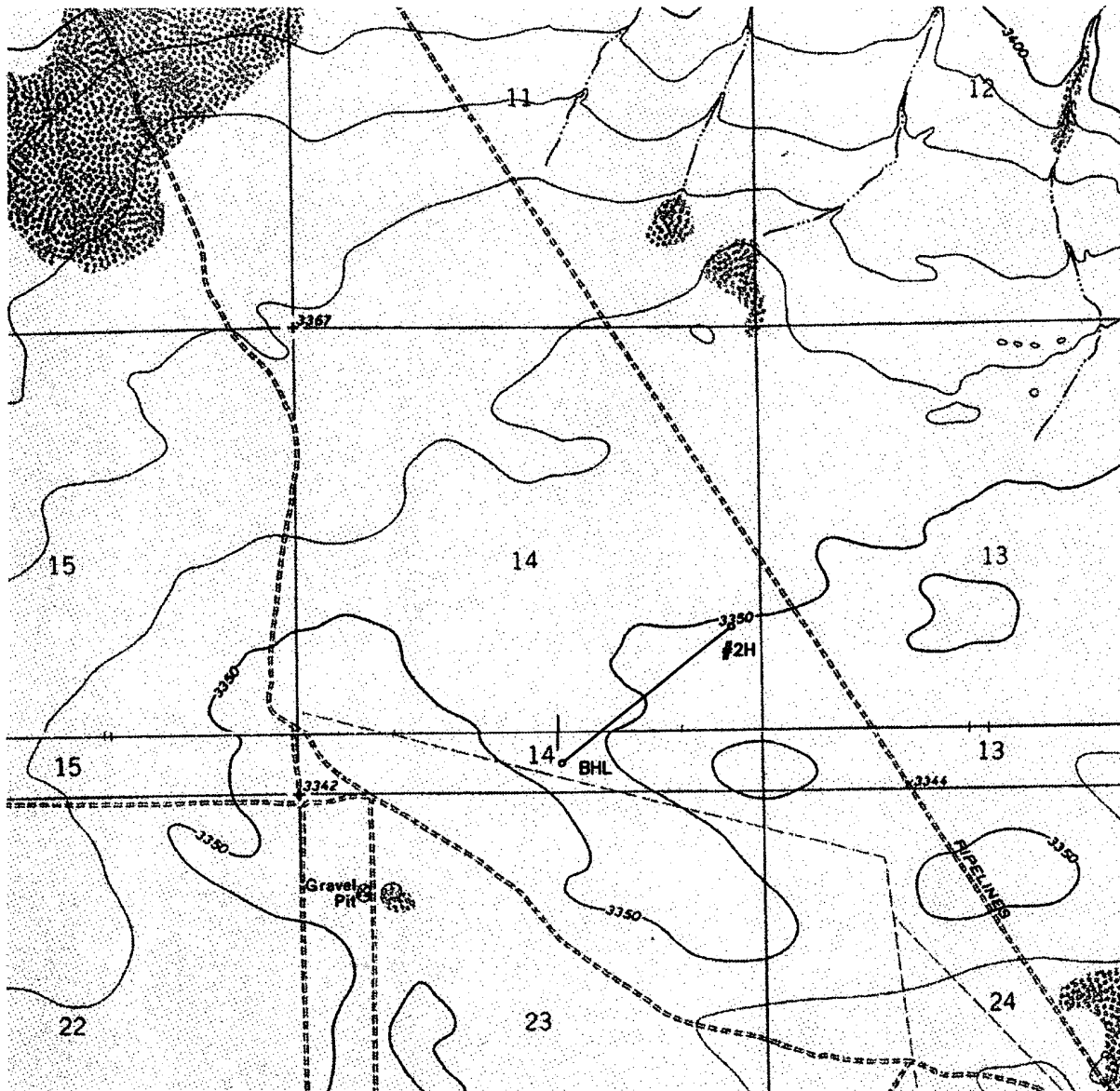
*Terry J. Galt* 2/13/06  
Date of Survey

Signature and Seal of  
Professional Surveyor

*Terry J. Galt* 2/13/06  
Certificate Number 15079

WO# 060202WL (cde)

# LOCATION VERIFICATION MAP



SEC. 14 TWP. 25-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FSL & 330' FEL

ELEVATION 3352'

OPERATOR EOG RESOURCES, INC

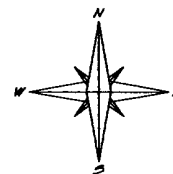
LEASE VACA FEDERAL 14 #2H

U.S.G.S. TOPOGRAPHIC MAP

BELL LAKE & PADUCA BREAKS EAST, NM

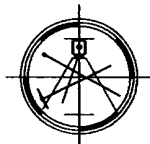
CONTOUR INTERVAL = 10 FEET

SCALE 1" = 2000'



Asel Surveying  
& Consulting

P.O. BOX 393 - 310 W. TAYLOR  
HOBBS, NEW MEXICO - 505-393-9146



## DRILLING PROGRAM

EOG RESOURCES, INC.  
Vaca Federal "14" No. 2  
Lea Co. NM

### 1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	1,100'
Delaware Mt. Group	5,150'
Bone Springs	9,250'
3 <sup>rd</sup> Bone Spring Sand	11,950'

### 3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Permian Sands	Above 250'	Fresh Water
3 <sup>rd</sup> Bone Spring Sands	12,300'	Oil

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 13.375" casing at 650' and circulating cement back to surface.

### 4. CASING PROGRAM

Hole Size	Interval	OD Casing	Weight Grade	Jt. Conn. Type
17.500"	0-650'	13.375"	54.5#	J-55 LT&C
12.250"	0-4,000'	9.625"	40#	J-55 LT&C
12.250"	4,000'-5,100'	9.625"	40#	HCK-55 LT&C
8.750"	0-12,493'	7"	26#	HCP-110 LT&C
6.125"	11,800'-14,687'	4.5"	11.6#	HCP-110 LT&C

#### Cementing Program:

13.375" Surface Casing      Lead: Cement to surface with 200 sacks 12.4 ppg  
35:65 POZ "C" + 5% Salt (bwow) + 6% Gel + 0.25  
pps CELLOFLAKE + 1% CaCl<sub>2</sub>  
Tail: 150 sacks 14.8 ppg Class "C" + 2% CaCl<sub>2</sub>  
+ 0.25 pps CELLOFLAKE

9.625" 1<sup>st</sup> Intermediate      Lead: Cement to surface with 600 sacks 11.9 ppg  
50:50 POZ "C" + 5% Salt (bwow) + 10% Gel + 0.25  
pps CELLOFLAKE  
Tail: 350 sacks 14.8 ppg Class "C" + 1% CaCl<sub>2</sub>

## DRILLING PROGRAM

EOG RESOURCES, INC.

Vaca Federal "14" No. 2

Lea Co. NM

7" 2<sup>nd</sup> Intermediate

Lead: Cement with 500 sacks 10.27 ppg  
ChemCrete Blend 39/61 (Cemplus/Litefil) + 1%  
Antisettling Agent + 0.25 pps CELLOFLAKE +  
0.05 gspb Saltbond II + 0.15 gspb Retarder + 0.03  
GPSB Antifoam  
Tail: Cement with 250 sacks 13.0 ppg TXI  
Liteweight + 0.3% Uniflac + 0.2% Dispersant + 3%  
Expansion Additive + 0.4% Retarder  
This cement slurry is designed to bring TOC to  
4,600'.

4.5" Production

Cement with 200 sacks 13.0 ppg TXI Lightweight +  
0.2% Dispersant + 0.3% Uniflac + 0.2% Antifoam  
+ 0.4% Retarder + 1.4 GPS Gasblock Additive  
This cement slurry is designed to bring TOC to  
11,800'.

### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

(SEE EXHIBIT #1)

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (5000 psi WP) preventer and an annular preventer (5000-psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All BOP's and accessory equipment will be tested in accordance with Onshore Oil & Gas order No. 2. for a 3M system.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

### 6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

The well will be drilled to TD with a combination of brine, cut brine, and polymer mud system. The applicable depths and properties of this system are as follows:

<u>Depth</u>	<u>Type</u>	<u>Wt</u> <u>(PPG)</u>	<u>Viscosity</u> <u>(sec)</u>	<u>Waterloss</u> <u>(cc)</u>
0- <del>650</del> <sup>555</sup> 1100'	Fresh - Gel	8.6-8.8	28-34	N/c
<sup>1100'</sup> <del>650</del> - 5,100'	Brine	10.0-10.2	28-34	N/c
5,100'-12,493'	Fresh Water	8.4-8.6	28-34	N/c
12,493'-14,687'	Cut Brine (Lateral)	8.6-9.0	40-45	10-25

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

## **DRILLING PROGRAM**

**EOG RESOURCES, INC.**  
**Vaca Federal "14" No. 2**  
**Lea Co. NM**

### **7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:**

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) A mud logging unit complete with H<sub>2</sub>S detector will be continuously monitoring drilling penetration rate and hydrocarbon shows from 5,000' to TD.

### **8. LOGGING, TESTING AND CORING PROGRAM:**

Electric logging will consist of GR-Dual Laterlog and GR-Compensated Density-Neutron from +/-650' to TVD.

Possible sidewall cores based on shows.

### **9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:**

The estimated bottom hole temperature (BHT) at TD is 125 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 2000 psig. No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. No major loss circulation zones have been reported in offsetting wells.

### **10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:**

The drilling operation should be finished in approximately 41 days. If the well is productive, an additional 30-60 days will be required for completion and testing before a decision is made to install permanent facilities.

## **DRILLING PROGRAM**

**EOG RESOURCES, INC.  
Vaca Federal "14" No. 2  
Lea Co. NM**

### **SURFACE USE AND OPERATIONS PLAN**

**Surface is owned by the BLM**

**Directions to Well Site: Beginning at the intersection of Highway 18 and Highway 128 in Jal, New Mexico, Go west on Highway 128 for 22.1 miles; thence, southeast 2.3 miles, thence, southwest 2.1 miles; thence, southeast 2.1 miles; thence, southwest 0.5 miles to location**

#### **1. EXISTING ROADS:**

Access to location will be made as shown on Exhibit #2

Routine grading and maintenance of existing roads will be conducted as necessary to maintain their condition as long as any operations continue on this lease.

#### **2. PROPOSED ACCESS ROAD:**

2,371.3' of new road is required See Exhibit 2a

No turnouts necessary.

No culverts, cattle guards or culverts are necessary No low-water crossings are necessary.

Surfacing material consists of native caliche to be obtained from the nearest BLM-approved caliche pit. Any additional materials required will be purchased from the dirt contractor.

#### **3. LOCATION OF EXISTING WELLS:**

Exhibit #3 shows all existing wells within a one-mile radius of this well.

#### **4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:**

There are no existing production facilities. If production is encountered, a temporary facility will be established on the drill pad, and if warranted, a production facility would be built at a later date in the immediate area of the drill pad location. If the well is productive, the flowline will be built to the nearest pipeline.

#### **5. LOCATION AND TYPE OF WATER SUPPLY:**

## **DRILLING PROGRAM**

**EOG RESOURCES, INC.  
Vaca Federal "14" No. 2  
Lea Co. NM**

Fresh water and brine water for drilling will come from commercial sources and transported to the well site over the roads as shown on Exhibit #2 & 2a and by temporary water supply lines

### **6. PLANS FOR RESTORATION OF THE SURFACE:**

After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Location will be cleaned of all trash and junk to leave the well in an aesthetically pleasing condition as possible.

Any unguarded pits containing fluid will be fenced until they are dry and back filled.

After abandonment of the well, surface restoration will be in accordance with current federal laws and regulations. Location will be cleaned, and the well pad removed to promote vegetation and disposal of human waste will be complied with. Trash, waste paper, garbage and junk will be hauled to an approved disposal site in an enclosed trash trailer.

All trash and debris will be removed from the well site within 30 days after finishing drilling and/or completion operations.

### **ANCILLARY FACILITIES:**

No airstrip, campsite, or other facilities will be built.

### **WELL SITE LAYOUT:**

Exhibit #4 shows the relative location and dimensions of the well pad.



**DRILLING PROGRAM**

**EOG RESOURCES, INC.**  
**Vaca Federal "14" No. 2**  
**Lea Co. NM**

**OTHER INFORMATION:**

The area around the well site is grassland and the topsoil is sandy. The vegetation is native scrub grass.

**COMPANY REPRESENTATIVES:**

**Permitting & Land**

Mr. Donny G. Glanton  
Senior ROW Lease Operations Representative  
EOG Resources, Inc.  
P.O. Box 2267  
Midland, TX 79702  
(432) 686-3642 Office

**Drilling**

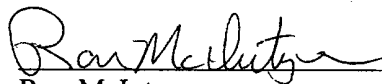
Mr. Ron McIntyre  
Division Drilling Engineer  
EOG Resources, Inc.  
P.O. Box 2267  
Midland, TX 79702  
(432) 686-3640 Office

**Operations**

Mr. Howard Kemp  
Production Manager  
EOG Resources, Inc.  
P.O. Box 2267  
Midland, TX 79702  
(432) 686-3704 Office

**CERTIFICATION:**

I HEREBY CERTIFY that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

  
Ron McIntyre  
Division Drilling Engineer  
DATE 3/8/2006

**DRILLING PROGRAM**

**EOG RESOURCES, INC.  
Vaca Federal "14" No. 2  
Lea Co. NM**

**ATTACHMENT TO EXHIBIT #1**

1. Wear ring to be properly installed in head.
2. Blow out preventer and all fittings must be in good condition, 3000 psi W.P. minimum. Exhibit #1.
3. All fittings to be flanged
4. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 3000 psi W.P. minimum.
5. All choke and fill lines to be securely anchored especially ends of choke lines.
6. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
7. Kelly cock on kelly.
8. Extension wrenches and hand wheels to be properly installed.
9. Blow out preventer control to be located as close to driller's position as feasible.
10. Blow out preventer closing equipment to include minimum 40-gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.

EOG Resources, Inc.

Vaca Federal "14" No. 2

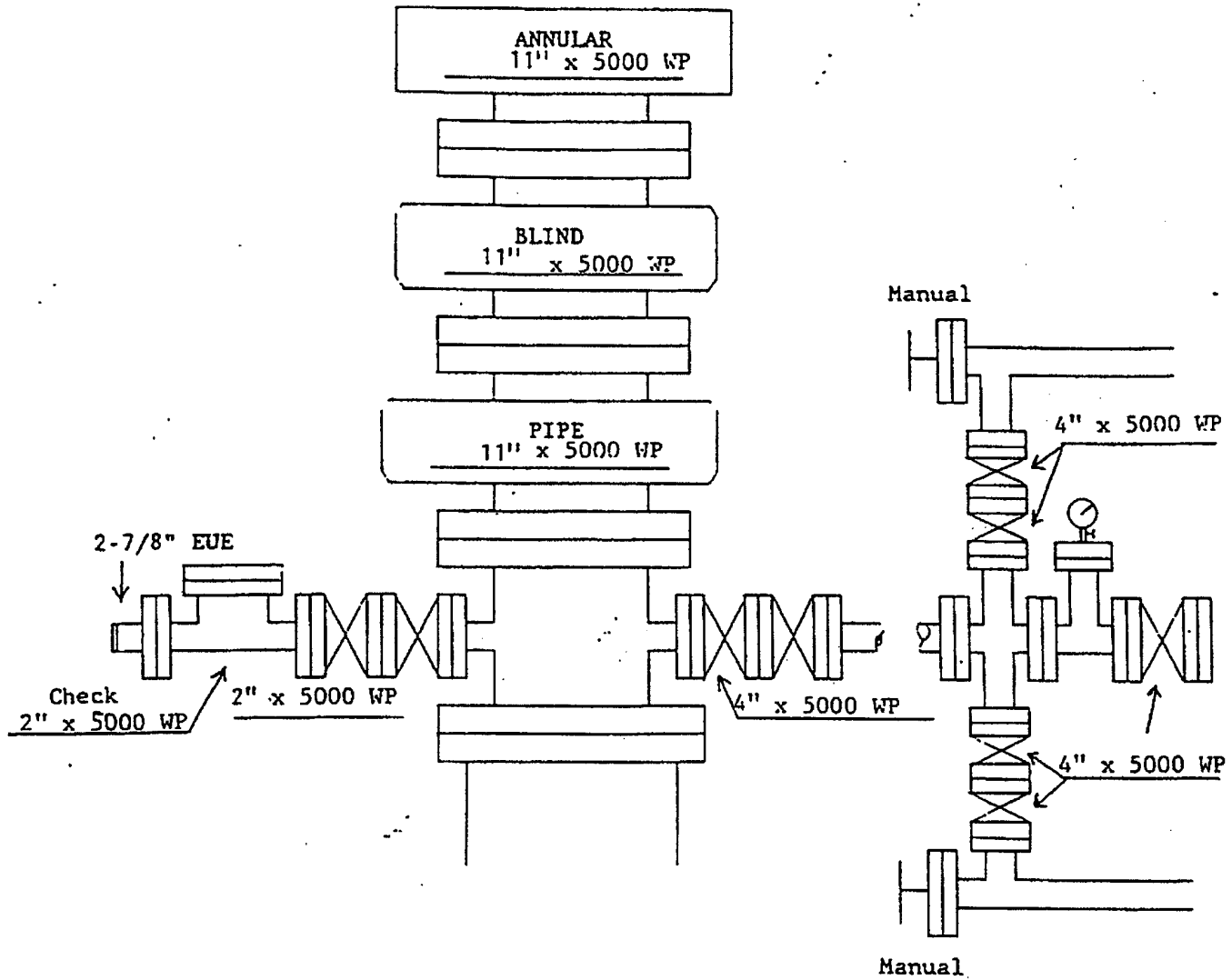
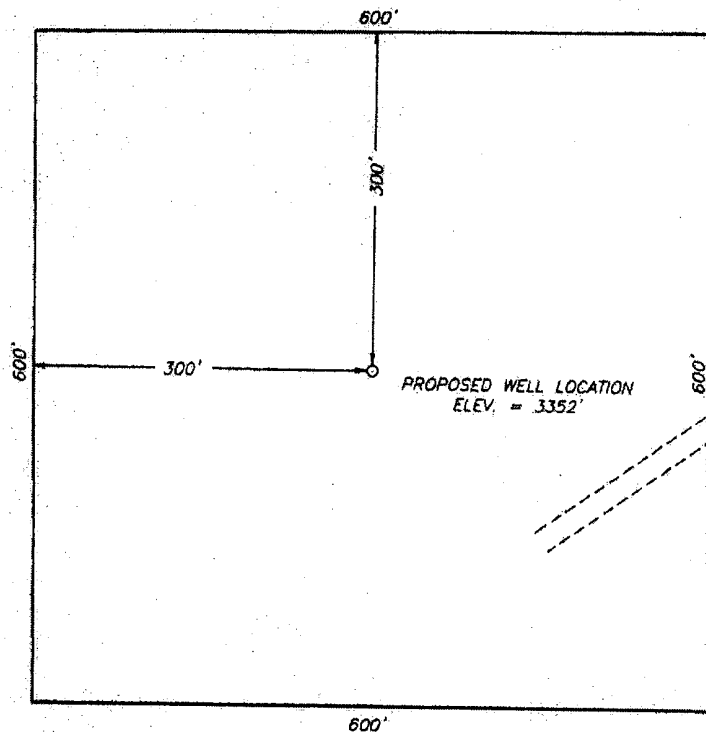
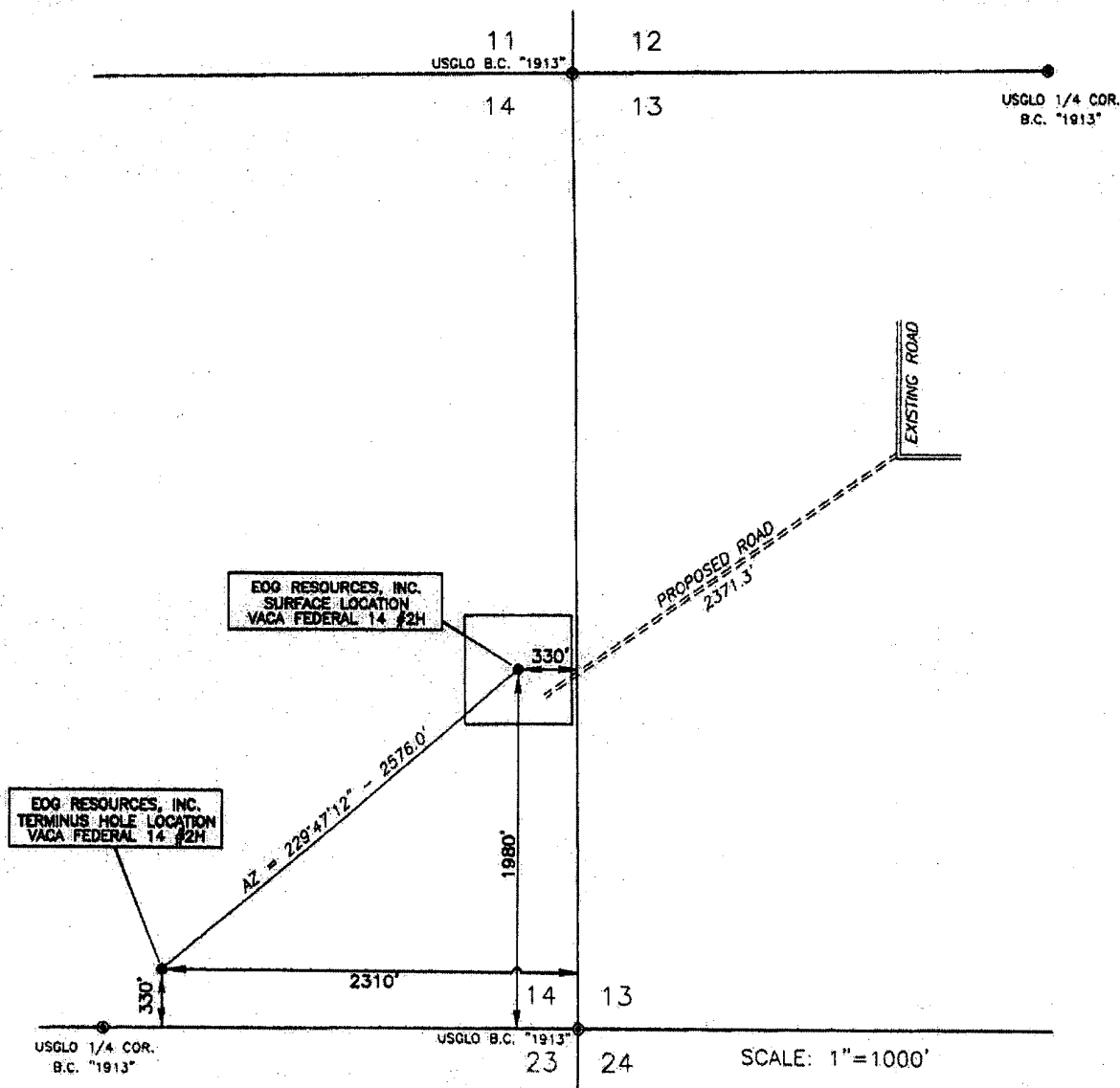


Exhibit 1

EXHIBIT "2"

VACA Federal "14" No. 2

SECTIONS 13 & 14, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY NEW MEXICO

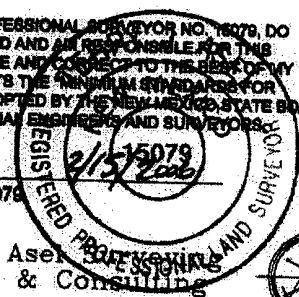


DETAIL - NOT TO SCALE

**SURVEYORS CERTIFICATE**

I, TERRY J. ASEEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asael  
N.M. R.P.S. No. 15079



ASEEL PROFESSIONAL  
& CONSULTING  
P.O. BOX 393 - 310 W. TAYLOR  
HOBBS, NEW MEXICO - 805-393-9146



**LEGEND**

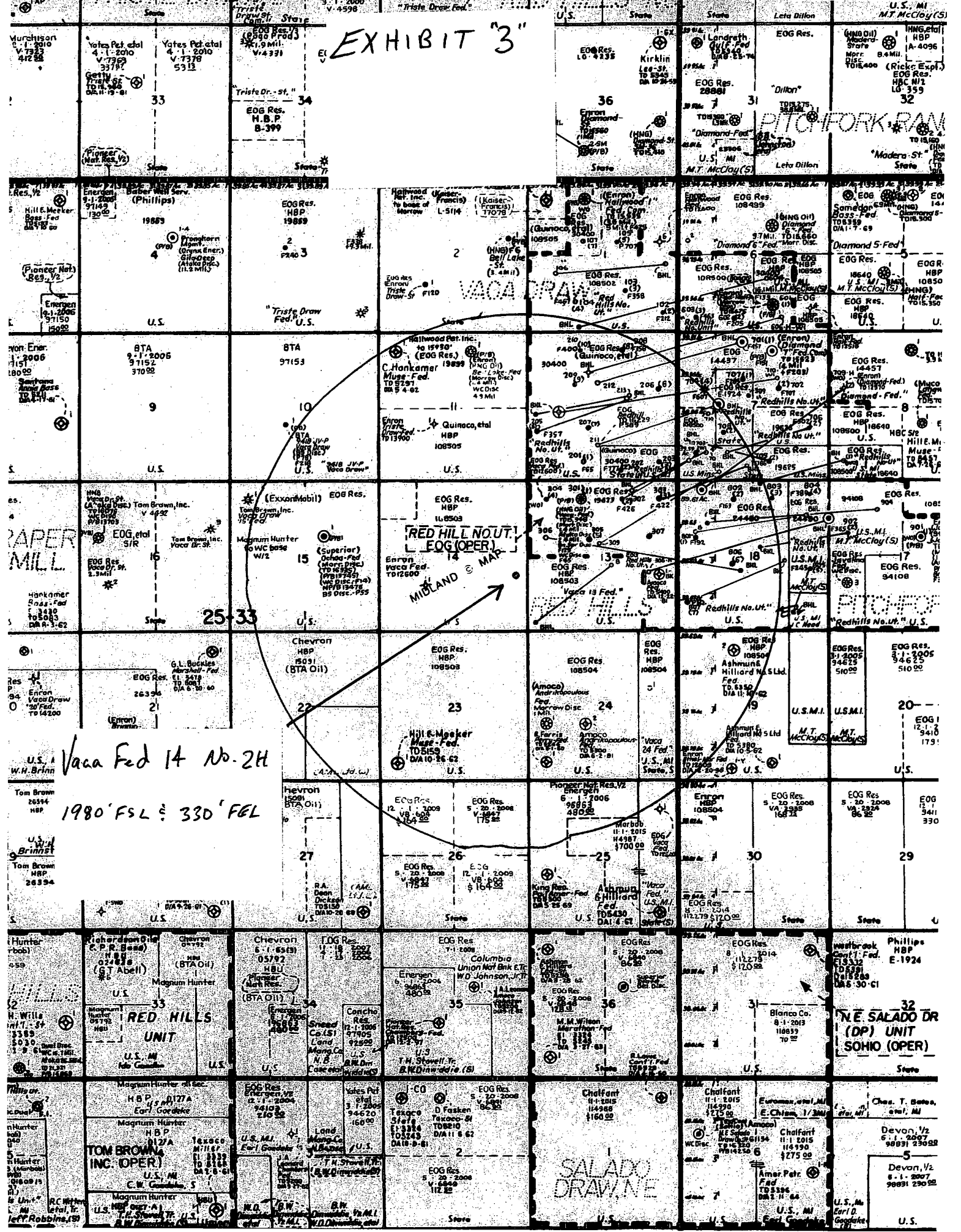
● - DENOTES FOUND MONUMENT

**EOG RESOURCES, INC.**

VACA FEDERAL 14 #2H  
IN SECTION 14, TOWNSHIP 25 SOUTH,  
RANGE 33 EAST, N.M.P.M., LEA COUNTY,  
NEW MEXICO

Survey Date: 02/02/2006	Sheet 1 of 1 Sheets
W.O. Number: 060202WL	Drawn By: CDC
Date: 02/15/2006	

EXHIBIT "3"



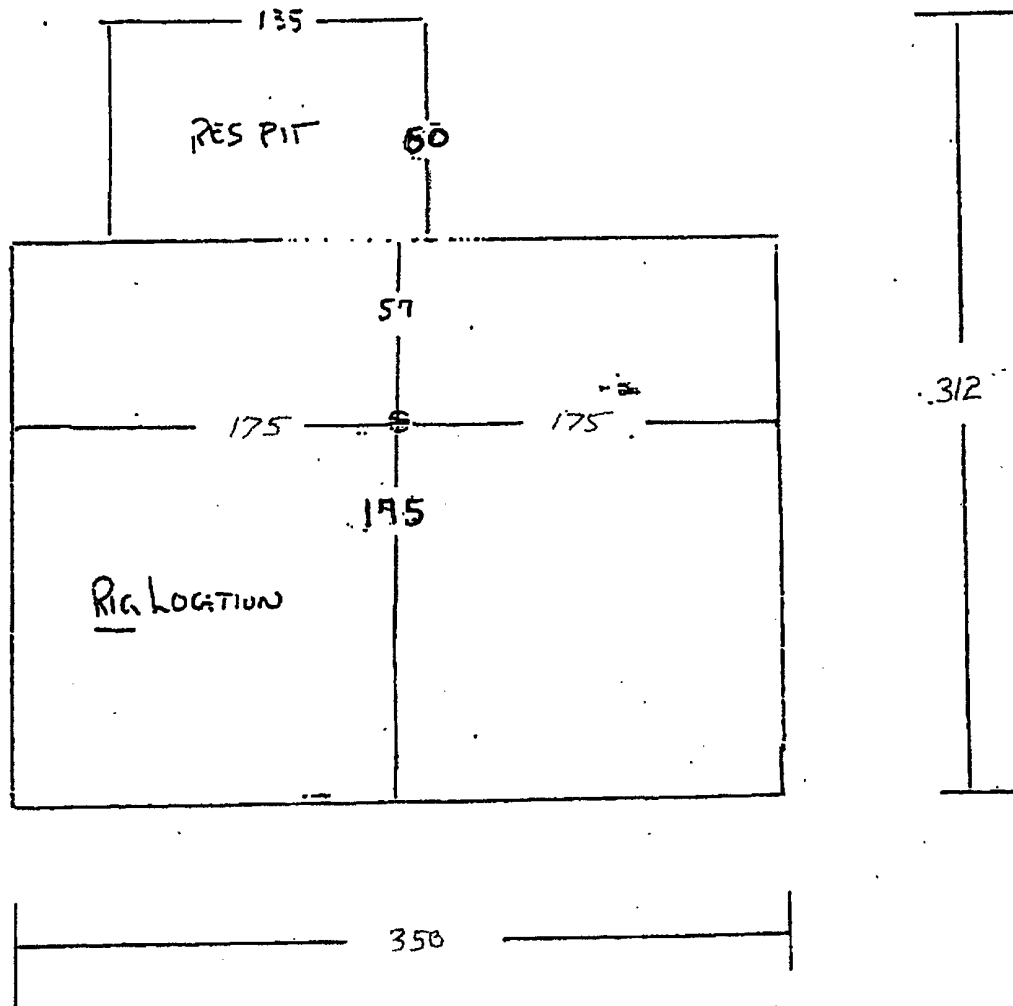
Vaca Fed 14 No. 2H

1980' FSL & 330' FEL

N.E. SALADO DR (DP) UNIT SOHO (OPER)

SALADO DRAW N.E.

# EXHIBIT "4"



**Statement Accepting Responsibility For Operations**

**Operator Name:** EOG Resources, Inc.  
**Street or Box:** P.O. Box 2267  
**City, State:** Midland, TX  
**Zip Code:** 79702

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

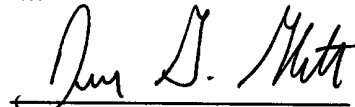
**Lease No.:** NMNM 108503

**Legal Description of Land:** SE/4 of Section 14, T-25-S; R-33-E, N.M.P.M., Lea Co., NM **Formation(s) (if applicable):**

**Bond Coverage:** *(State if individually bonded or another's bond)* Individually

**BLM Bond File No.:** NM2308 with endorsement to State of NM

**Authorized Signature:**

  
Donny G. Glanton

**Title:** Agent

**Date:** 2/16/2006



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

For drilling and production facilities, submit to  
appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe  
office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐  
Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

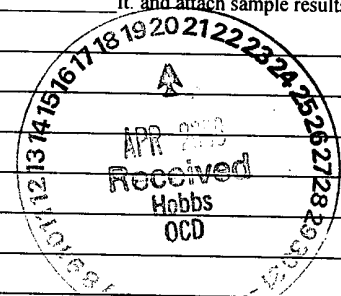
*Frac Pit*

Operator: EOG Resources, Inc. Telephone: (432) 686-3642 e-mail address: Donny\_Glanton@eogresources.com  
Address: P.O. Box 2267 Midland, Texas 79702  
Facility or well name: VACA FEDERAL 14 No. 2 API #: 30-025 37839 U/L: 1 Qtr/Qtr NE/4 SE/4 Sec: 14 T25S-R33E  
County: Lea Latitude: N32.1286042 Longitude: W103.5352001 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>25,000</u> bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) <u>100 feet or more</u> (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) <u>No</u> (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) <u>200 feet or more, but less than 1000 feet</u> (10 points) <u>1000 feet or more</u> (0 points)
<b>FRAC PIT</b>	<b>Ranking Score (Total Points)</b> <u>0</u>

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:


I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 4/19/2006  
Printed Name/Title: Donny G. Glanton / Agent Signature: Donny G. Glanton  
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:  
Printed Name/Title: \_\_\_\_\_ Date: \_\_\_\_\_

ORIGINAL SIGNED BY  
PAUL E. KAUTZ  
PETROLEUM ENGINEER

APR 25 2006

 The sender of this message has requested a read receipt. [Click here to send a receipt.](#)

**Mull, Donna, EMNRD**

**From:** Phillips, Dorothy, EMNRD  
**To:** Mull, Donna, EMNRD  
**Cc:**  
**Subject:** RE: Financial Assurance Requirement  
**Attachments:**

**Sent:** Tue 4/25/2006 9:48 AM

All have blankets and not on Jane's list.

---

**From:** Mull, Donna, EMNRD  
**Sent:** Tuesday, April 25, 2006 9:17 AM  
**To:** Phillips, Dorothy, EMNRD  
**Cc:** Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD  
**Subject:** Financial Assurance Requirement

Dorothy,

Is the Financial Assurance Requirement for these Operators OK?

Patterson Petroleum LP (141928)  
XTO Energy Inc (5380)  
Saber Res LC (236378)  
Range Operating New Mexico Inc (227588)  
Pride Energy Co (151323)  
EOG Resources Inc (7377)  
POGO Producing Co (17891)

Please let me know. Have a nice day. Donna

04/27/2006 09:52 4326863773  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

LAND DEPT  
State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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Form C-144  
June 1, 2004

For drilling and production facilities, submit to appropriate NMOC District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: <u>EOG Resources, Inc.</u> Telephone: <u>(432) 686-3642</u> e-mail address: <u>Donny_Glanton@eogresources.com</u>		
Address: <u>P.O. Box 2267 Midland, Texas 79702</u>		
Facility or well name: <u>VACA FEDERAL 14 No. 2</u> API #: <u>30-025-37839</u> U/L: <u>1 Qtr/Qtr NE/4 SE/4</u> Sec: <u>14 T25S-R33E</u>		
County: <u>Lea</u> Latitude: <u>N32.1286042</u> Longitude: <u>W103.5352001</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>10,300</u> bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet <u>100 feet or more</u>	(20 points) (10 points) ( 0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes <u>No</u>	(20 points) ( 0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet <u>1000 feet or more</u>	(20 points) (10 points) ( 0 points)
Ranking Score (Total Points)		<u>0</u>

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:	<u>Both pits must be lined and closed according to NMOC rules 50 and guidelines</u>

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 4/19/2006

Printed Name/Title: Donny G. Glanton / Agent

Signature Donny G. Glanton

Your certification and NMOC approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title CHRIS WILLIAMS / DIST. SARV. Signature Chris Williams

Date: 4/27/06