

*\*(Instructions on reverse)*

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name Ross Draw, Wolfcamp	
4 Property Code		5 Property Name ROSS DRAW "30W" FEDERAL Com			6 Well Number 2
7 OGRID No. 7377		8 Operator Name EOG RESOURCES INC.			9 Elevation 2914

10 Surface Location



UL or lot no. N	Section 30	Township 26-S	Range 30-E	Lot Idn	Feet from the 800	North/South line SOUTH	Feet from the 1700	East/West line WEST	County EDDY
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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
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   Signature Mike Francis Printed Name Agent Title 3/1/01 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 best of my belief.  FEBRUARY 19, 2001 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number 14729	
EOG RESOURCES INC. ROSS DRAW "30W" FEDERAL No. 2 ELEV.=2914' Y=366886.94 X=627113.80 LAT.=32°00'28.88" LONG.=103°55'23.69"					

## DRILLING PROGRAM

EOG RESOURCES, INC.  
ROSS DRAW "30-W" FEDERAL COM NO. 2  
800' FSL & 1,700' FEL  
SEC. 30, T26S, R30E  
EDDY COUNTY, NM

### 1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

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

Delaware	3150'
Ramsey SS	3190'
Bone Spring Ls	6950'
2 <sup>nd</sup> Bone Spring Sd	8500'
3 <sup>rd</sup> Bone Spring Sd	9800'
Wolfcamp	10130'
Wolfcamp Pay	11500'

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

Upper Permian Sands	100'	Fresh Water
Wolfcamp	11,700'	Gas

### 4. CASING PROGRAM

Hole Size	Interval	OD Casing	Weight Grade Jt.	Cond. Type
17 1/2"	0-650'	13 5/8"	48# H-40 ST&C	
12 1/4"	0-3500'	9 5/8"	40# J-55 LT&C	
8 3/4"	0-11450'	7"	26# P-110 L&TC	
6 1/8"	11,100-12500'	5"	18# P110	

#### Cementing Program:

13 3/8" Surface Casing: Cement to surface with 250 sx Prem Plus, 3% Econolite, 2% Calcium Chloride, 0.25#/sx Flocele, 150 sx Prem Plus, 2% Calcium Chloride

9 5/8" Intermediate: Cement to surface with 1100 sx Interfill C, .25#/sx flocele, 250 sx Premium Plus, 2% Calcium Chloride

7" Production Casing: Cement w/630 sx Premium, 3% Econolite, 5#/sx Salt, .25#/sx Flocele, .2% HR-5, 250 sx Prem 50/50 Poz cmt, 2% Halliburton-Gel First 2%, 0.5% Halad-322.

5" Liner: 300 sx Prem, 0.6% GasStop, 0.5% Halad-322, 0.2% SCR-100  
This designed to bring TOC to 11100 +/-.

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EDDY COUNTY, NM

### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

(SEE EXHIBIT #1 and #2)

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 to 600 psi before drilling out of surface casing. Before drilling out of intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/1000 psi and the annular to 3500/5000-psig pressure. The blowout preventer equipment (BOP) shown in Exhibit 2 will consist of a double ram-type (10,000 psi) preventer and an annular preventer (10,000 psi) from 11,700' to TD. Before drilling below 2<sup>nd</sup> Intermediate ram type BOP and accessory equipment will be tested to 10,000/1,000 psi and the annulus to 5000/1000. This equipment will be used from  $\pm 11,450'$  to TD.

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/KCL mud system. The applicable depths and properties of this system are as follows:

Depth	Type	Wt (PPG)	Viscosity (sec)	Waterloss (cc)
0-650'	Fresh Water	8.5	40-45	N.C.
650'-3500'	Brine Water	10.0	30	N.C.
3500'-11450'	Fresh Water	8.4	28	N.C.
11450'-12500'	Brine & Polymer xcd	10-14.0	28/45	0/<1 CC

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.

### 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 2000' to TD.

## **DRILLING PROGRAM**

**EOG RESOURCES, INC.  
ROSS DRAW "30-W" FEDERAL COM NO. 2  
800' FSL & 1,700' FEL  
SEC. 30, T26S, R30E  
EDDY COUNTY, NM**

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

(A) The electric logging program will consist of GR-Dual Induction Focused and GR-Compensated Density-Neutron from TD to intermediate casing with a GR-Compensated Neutron run from intermediate casing to surface and optional Sonic from TD to Intermediate casing.

(B) Possible sidewall cores based on shows.

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

The estimated bottom hole temperature (BHT) at TD is 175 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 8000 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 one month. 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.**  
**ROSS DRAW "30-W" FEDERAL COM NO. 2**  
**800' FSL & 1,700' FEL**  
**SEC. 30, T26S, R30E**  
**EDDY COUNTY, NM**

**SURFACE USE AND OPERATIONS PLAN**

**1. EXISTING ROADS:**

Access to location will be made as shown on Exhibit #3

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:**

1448.1' of new road is required. Exhibit 3(A)

No turnouts necessary.

No culverts, cattleguards, gates, 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 #4 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 would also be located on the drill-pad site and no additional disturbance will occur.

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

Water for drilling will be purchased from commercial sources and transported to the well site over the roads as shown on Exhibit #3.

**DRILLING PROGRAM**  
**EOG RESOURCES, INC.**  
**ROSS DRAW "30-W" FEDERAL COM NO. 2**  
**800' FSL & 1,700' FEL**  
**SEC. 30, T26S, R30E**  
**EDDY COUNTY, NM**

**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 wellpad 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 #5 shows the relative location and dimensions of the well pad.

**DRILLING PROGRAM**

**EOG RESOURCES, INC.  
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800' FSL & 1,700' FEL  
SEC. 30, T26S, R30E  
EDDY COUNTY, NM**

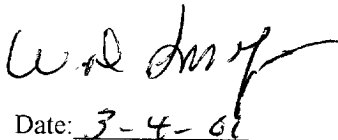
**OTHER INFORMATION:**

The area around the well site is grassland and the topsoil is duned and sandy. The vegetation is native scrub grasses with abundant oakbrush, sagebrush, yucca, and prickly pear.

**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.

W. D. Smeltzer  
Drilling Manager



Date: 3-4-01



**DRILLING PROGRAM**

**EOG RESOURCES, INC.  
ROSS DRAW "30-W" FEDERAL COM NO. 2  
800' FSL & 1,700' FEL  
SEC. 30, T26S, R30E  
EDDY COUNTY, NM**

**ATTACHMENT TO EXHIBIT #1 & #2**

1. Wear ring to be properly installed in head.
2. Blow out preventer and all fittings must be in good condition, 5000 psi W.P. minimum. Exhibit #1 and 10,000 psi W.P. minimum, Exhibit #2.
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 5000 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.

Ross Draw "30-W" Federal Com No. 2

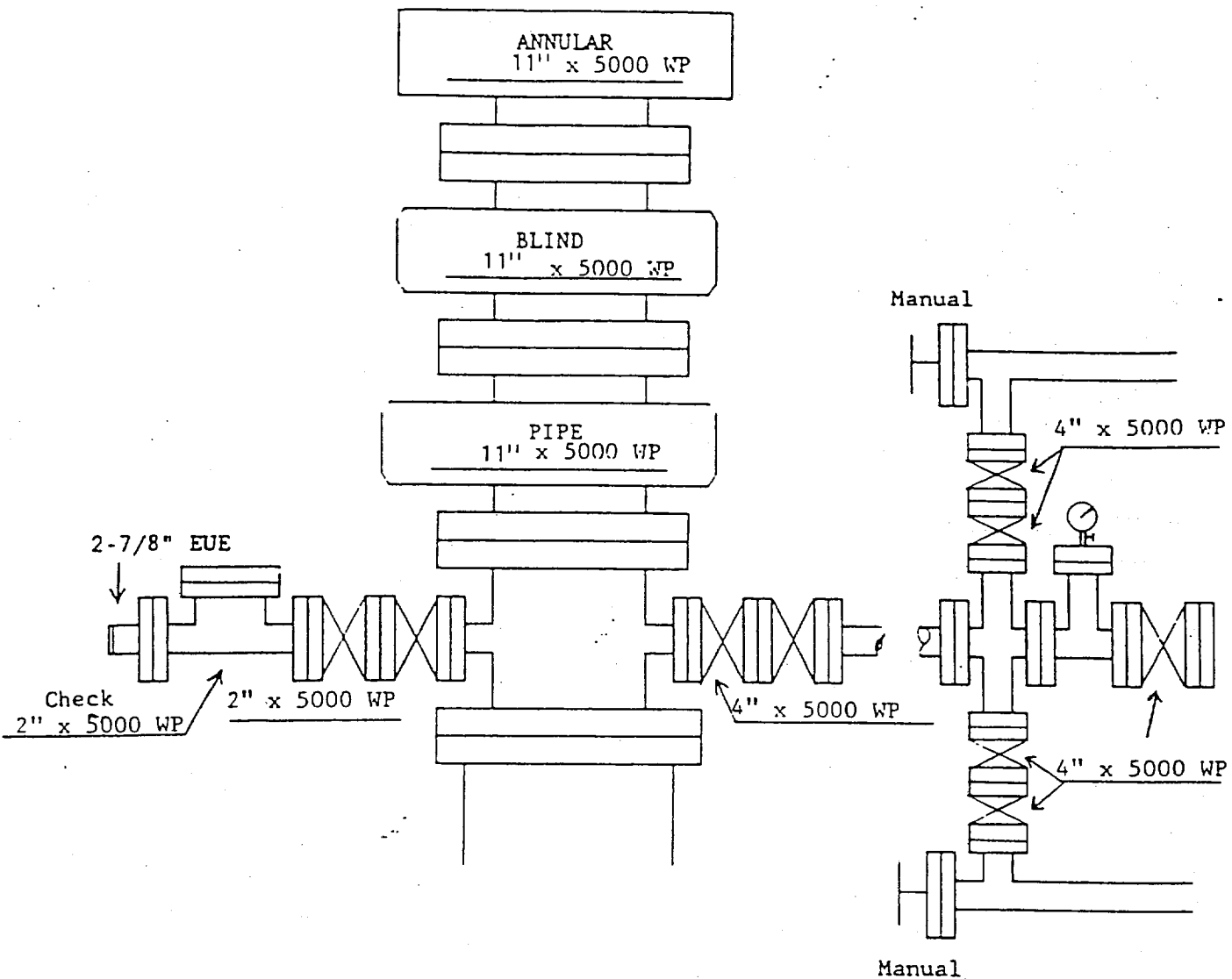


Exhibit 1

EOG Resources, Inc.  
Ross Draw "30-W" Federal Com No. 2

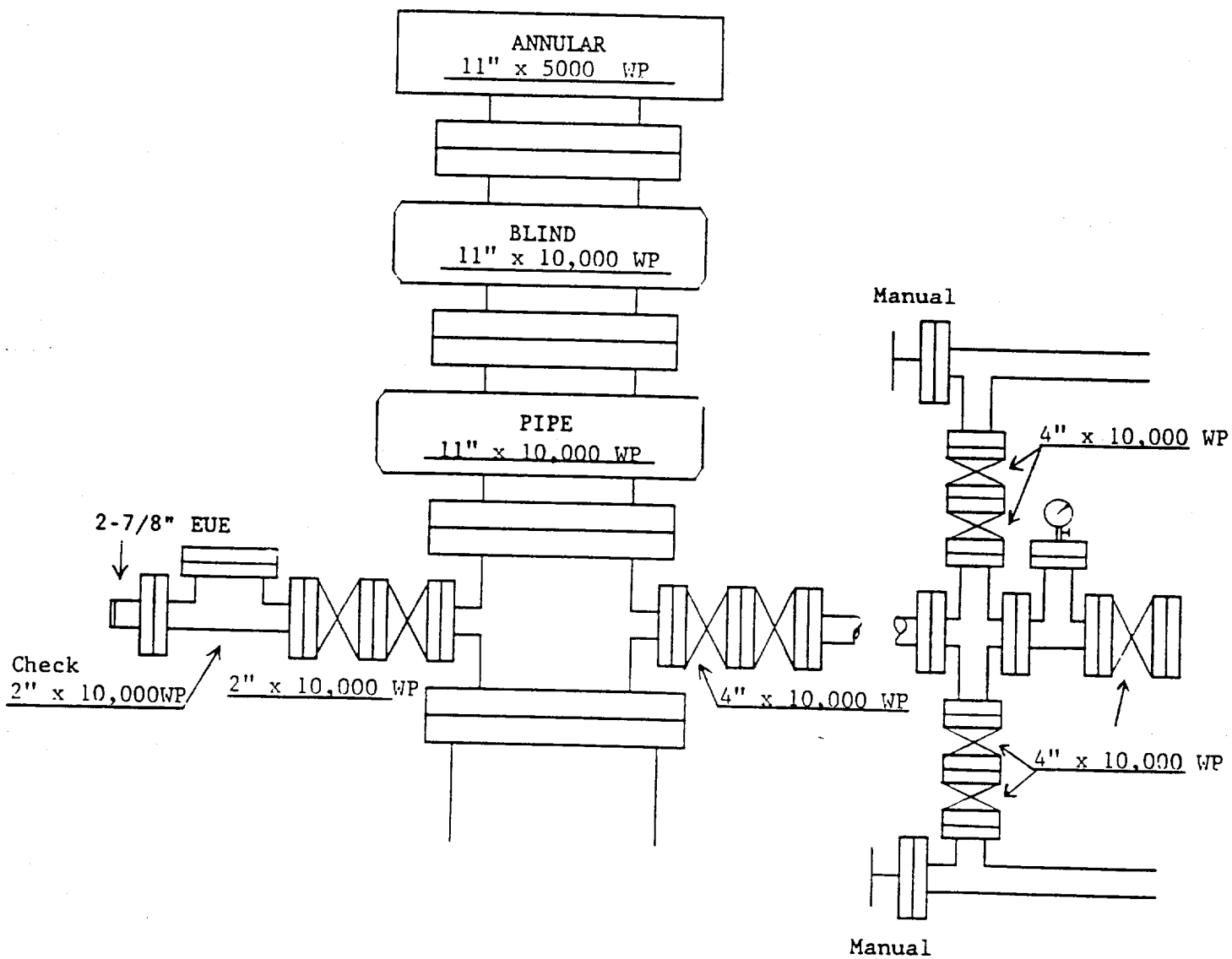
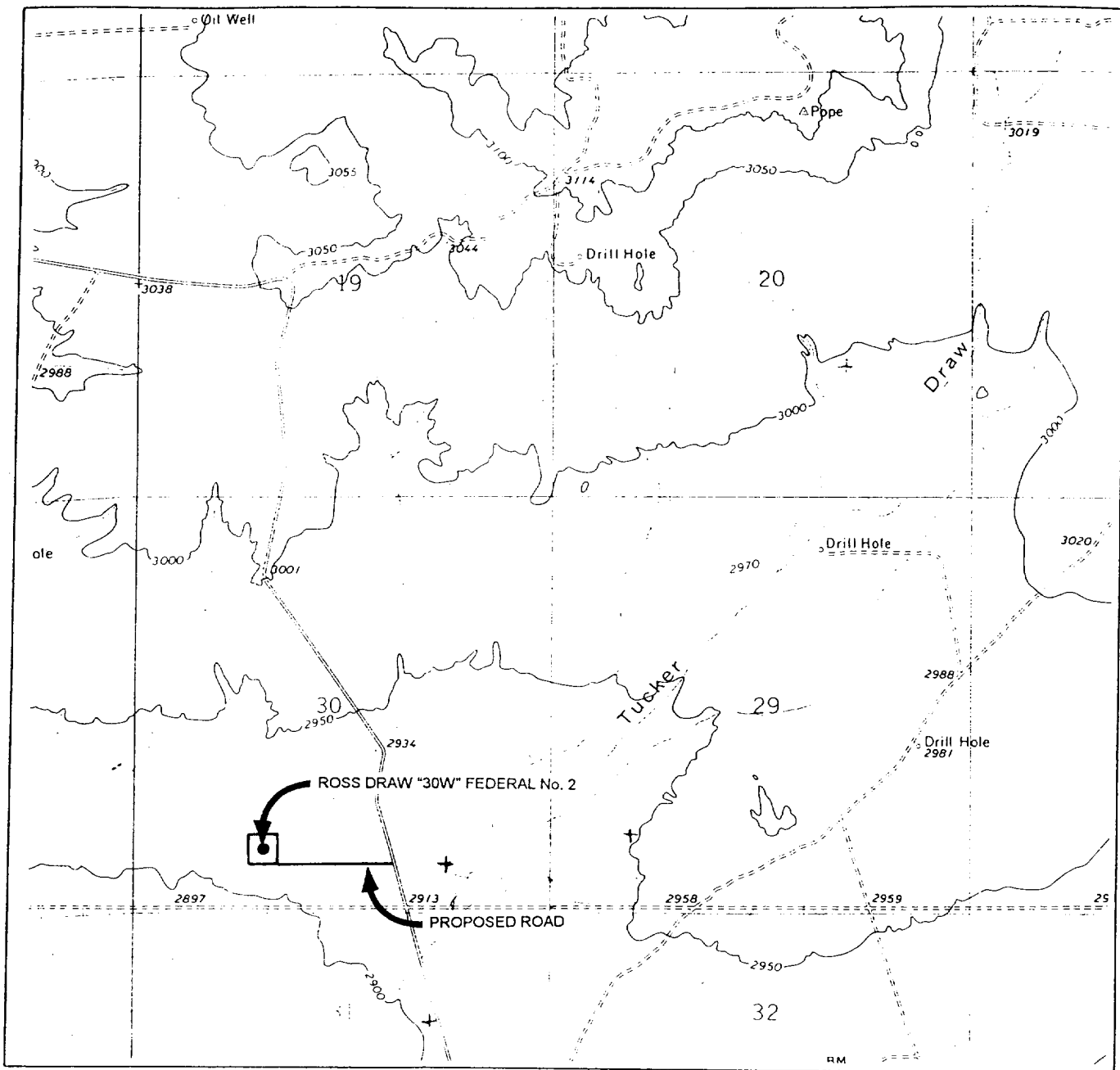


Exhibit 2

# LOCAL VERIFICATION MAP



SCALE: 1" = 2000'  
WTC 46184

SEC. 30 TWP. 26-S RGE. 30-E

SURVEY N.M.P.M

COUNTY EDDY STATE NM

DESCRIPTION 800' FSL & 1700' FWL

ELEVATION 2914'

OPERATOR EOG RESOURCES, INC.

LEASE ROSS DRAW "30W" FEDERAL No. 2

USGS TOPO MAP ROSS RANCH, NEW MEXICO.

Exhibit 3

CONTOUR INTERVAL 10'

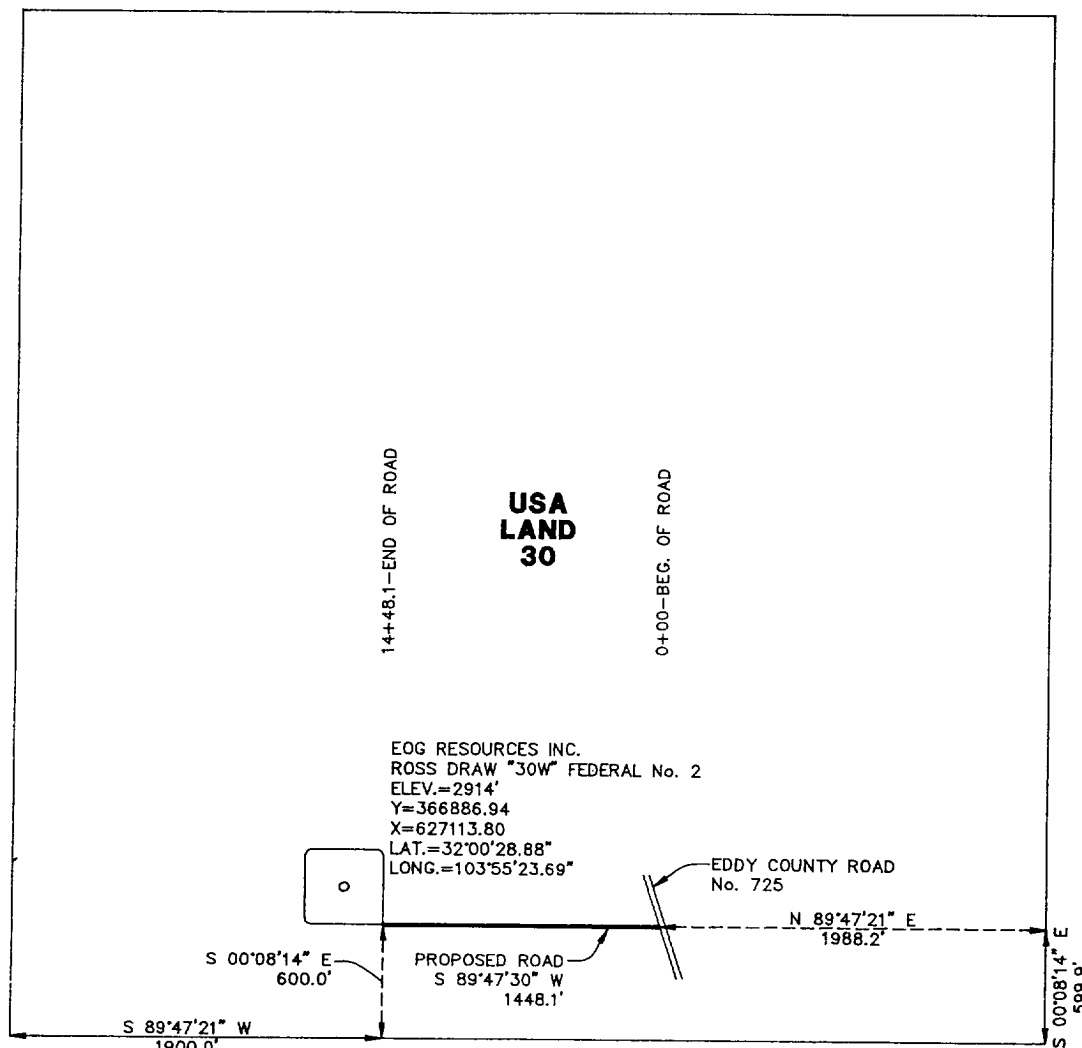
**WEST TEXAS CONSULTANTS, INC.**

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800

**SECTION 30, TOWNSHIP 26 SOUTH, RANGE 30 EAST, N.M.P.M.  
EDDY COUNTY, NEW MEXICO**



**CENTERLINE DESCRIPTION OF A PROPOSED ROAD:**

Exhibit 3(a)

**BEGINNING** at a point in an existing road, from which point the southeast corner of Section 30, T-26-S, R-30-E, N.M.P.M., Eddy County, New Mexico, bears N 89° 47' 21" E, 1988.2 feet and S 00° 08' 14" E, 599.9 feet;

**THENCE** S 89° 47' 30" W, with the centerline of proposed road, 1448.1 feet to a point in the southeast corner of a well pad for EOG Resources, Inc. ROSS DRAW "30W" FEDERAL No. 2, for the end of this road, from which point the southwest corner of said Section 30 bears S 00° 08' 14" E, 600.0 feet and S 89° 47' 21" W, 1900.0 feet.

I hereby certify that this plat was prepared from an actual survey made on the ground and meets or exceeds all requirements for land surveys as specified by the state of New Mexico.

*James E. Tompkins*  
  
**JAMES E. TOMPKINS**  
 Registered Professional Surveyor  
 New Mexico Certificate No. 14729

**PROPOSED ROAD TO SERVE  
ROSS DRAW "30W" FEDERAL No. 2**

**EOG RESOURCES INC.**

1448.1 feet of proposed road in  
 Section 30, T-26-S, R-30-E, N.M.P.M.,  
 Eddy County, New Mexico

**WEST TEXAS CONSULTANTS, INC.**

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

Survey Date: 2-20-01	Date: 2-21-01	Scale: 1" = 1000'
WTC No.: 46184	Drawn By: JWD	Sheet 1 of 1

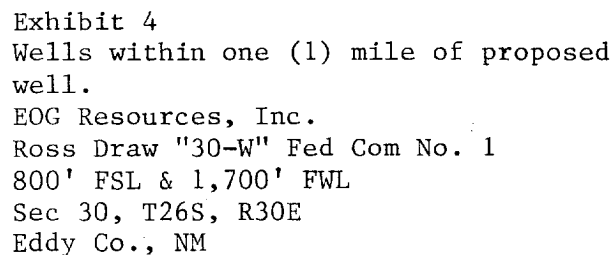
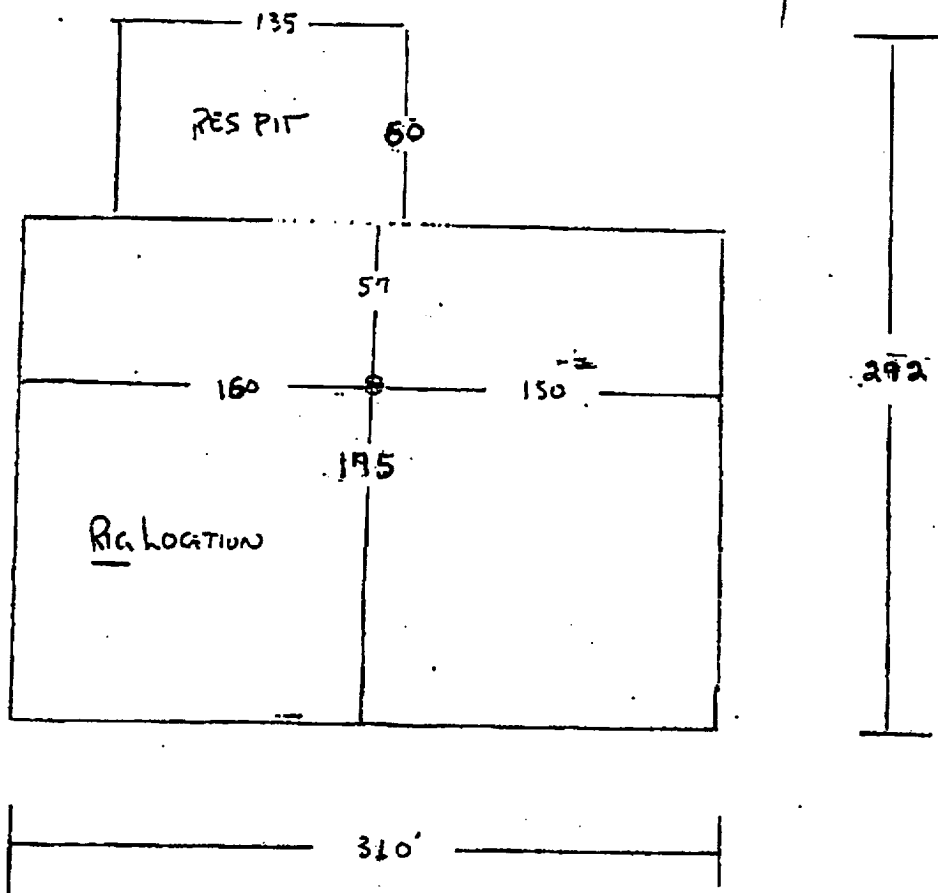


Exhibit V



### 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:

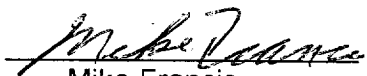
**Lease No.:** NM17225

**Legal Description of Land:** Section 30, T26S, R30E, NMPM  
Eddy Co., NM

**Formation(s) (if applicable):**

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

**BLM Bond File No.:** MT-0748 with endorsement to State of NM

**Authorized Signature:**   
Mike Francis

**Title:** Agent

**Date:** 3/01/00