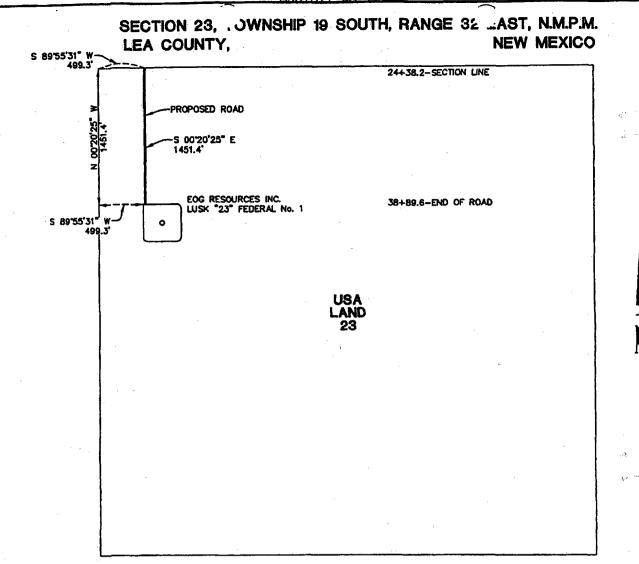
| Ext: All Secs. | 27 428, CR-2 |                  | 3, 11-21-62)<br>Cec 30(R.3219,5-1-67)<br>(R-4339, 7-17-72) | *17 |
|----------------|--------------|------------------|--|-----|
| Ext: All Sec   | 9 (R-5252,   | 9-1-76) Ext: All | Sec10 (R-5729, 6-1-7                                       | 8)  |
|                |              |                  |  |     |
|                |              |                  |  |     |
|                |              |                  |  |     |

|          | n 3160-3<br>yust 1999)  |  |                   |   | APPROVED<br>5. 1004-0136 |  |
|----------|---|--|-------------------|---|--------------------------|--|
| W        | ,   |  |                   | Expires Nov                                       | ember 30, 2000           |  |
|          | UNITED STATES   | 5. Lease Serial No.                            |                   |   |                          |  |
|          | DEPARTMENT OF THE IN  |  |                   | NM 12412  |                          |  |
|          | BUREAU OF LAND MANO   | GEMENT   |                   | 6. If Indian, Allottee or                         | Tribe Name               |  |
|          | APPLICATION FOR PERMIT TO D   | ORILL OR REENTER                               |                   |   |                          |  |
| 1a.      | Type of Work: X DRILL RE  | EENTER   |                   | 7. If Unit or CA Agreen                           | ent, Name and No.        |  |
| 1b.      | Type of Well: Oil Well X Gas Well Other   | r Single Zone Multi                            | ple Zone          | 8. Lease Name and We<br>Lusk "23" Fe              |                          |  |
| 2.       | Name of Operator  |  |                   | 9. API Well No.                                   |                          |  |
|          | EOG Resources, Inc.   |  |                   | 30-025  | ~35785                   |  |
| 3a.      | Address   | 3b. Phone No. (include area                    | code)             | 10. Field and Pool, or E                          | xploratory               |  |
|          | P.O. Box 2267, Midland, TX 79702  | (915)686-3714                                  |                   | <del>}</del>                                      | v East (Gas)             |  |
| 4.       | Location of Well (Report location clearly and in accorda  | nce with any State requiremen                  | ts.*)             | 11. Sec., T., R., M., or B                        | lk. And Survey or Ares   |  |
|          | At surface 1651' FNL & 679' FWL (U/L E)   |  |                   | Sec. 23. T-19-S, R-32-E                           |                          |  |
| , .      | Caniton   | Controlled Water Basi                          | n                 | -   | •                        |  |
|          | At proposed prod. Zone  |  |                   |   |                          |  |
| 14.      | Distance in miles and direction from nearest fown or po-  | St Office"                                     |                   | 12. County or Parish<br>Lea                       | 13. State                |  |
|          | Distance from proposed*   | 16. No. of Acres in lease                      | 17. Spacing       | g Unit dedicated to this w                        | æll                      |  |
|          | location to nearest 679 property or lease line, ft.   | 2,320  |                   | W/2   |                          |  |
|          | (Also to nearest drig. Unit line, if any) same  | 1  |                   | ****  |                          |  |
| 18.      | Distance from proposed location*  | 19. Proposed Depth                             | 20. BLM/BI        | A Bond No. on file                                |                          |  |
|          | to nearest well, drilling, completed  |  |                   |   |                          |  |
|          | applied for, on this lease, ft. 2700  | · · · · · · · · · · · · · · · · · · ·          | <u> </u>          | NM 2308   | <del></del>              |  |
| 21.      | Elevations (Show whether DF, KDB, RT, GL, etc)  | 22. Approximate date work w                    | ill start*        | 23. Estimated duration                            | :                        |  |
|          | GL 3610   | 11/1/01<br>24. Attachments                     |                   | 40 days   |                          |  |
| The f    | ollowing completed in accordance with the requirements of C   | Onshore Oil an Gas Order No. 1,                | shall be attac    | hed to this form:                                 |                          |  |
|          |   | 1  |                   |   |                          |  |
|          | ell plat certified by a registered surveyor.  | 1  | •                 | s unless covered by an exi                        | sting bond on file (see  |  |
|          | Drilling Plan. Surface Use Plan (if the location is on National Forest Sytem                                    | ltem 20 above<br>n Lands, the 5. Operator cert | •                 |   |                          |  |
|          | IPO shall be filed with the appropriate Forest Service Office)  |  |                   | rmation and/or plans as me                        | av he required by the    |  |
| 00       | O Shar be find with the appropriate i drast corride clinds,   | authorized of                                  |                   | mination androi piane as me                       | ay be required by the    |  |
| 25. 8    | Signature / /   | Name (Printed/Typed)                           |                   | Date  |                          |  |
|          | Mike Jean   | Mike Francis                                   |                   | 9/21/01   |                          |  |
| Title Ag | pent  |  |                   |   | •                        |  |
| Appr     | oved by (Signature) SLIE A. THEISS  | Name (Printed/Typed) A.                        | THEIS             | S Date DEC  | 1 2 2004                 |  |
| Title    | FIELD MANAGER   | Office CARLS                                   | BAD FI            | ELD OFFICE  |                          |  |
| Applica  | ation approval does not warrant or certify the applicant holds legal or lons theron.                            | equitable title to those rightes in the s      | upie Alesey       | ch would entitle the applicant to                 | conduct                  |  |
| Condit   | ions of approval, if any, are attached<br>B.U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a cri | ime for any person knowingly and will          | fully to make to  | and decartment or account of the                  |                          |  |
| States   | any false, fictitious or fraudulent statements or representations as to   | any matter within its jurisidiction.           | iuny to make to a | arry department or agency of the                  | e United                 |  |
| *(Instr  | uctions on reverse)   |  |                   |   |                          |  |
|          | OPER. OGRID NO. 737<br>PROPERTY NO. 29116<br>POOL CODE 80770  | - <del>/</del>                                 | ENERAI            | L SUBJECT TO<br>REQUIREMEN'<br>STIPULATIONS<br>ED | ts and                   |  |
|          | EFF. DATE 12-14-01<br>API NO. <u>30-025-3</u> 5   | 785  |                   |   | Ka                       |  |

### OCD-HOBBS

| Form 3160-5  | UNITED ST  | ATES   |                   | FC  | ORM APPROVED                            |    |  |
|--|--|--|-------------------|---|---|----|--|
| (August 1999)  | DEPARTMENT OF THE INTERIOR   |  |                   |   | OMB NO. 1004-0135                       |    |  |
| (1 original, 5 copies)   | BUREAU OF LAND MANAGEMENT  |  |                   |   | s: November 30, 2000                    |    |  |
|  | SUNDRY NOTICES AND REPORTS ON WELLS  |  |                   | 5 Lease Serial No.<br>NM 12412            |   |    |  |
|  | Do not use this form for proposals to drill or to re-enter an                      |  |                   |   |   |    |  |
| abandone   | d well. Use Form 3160-3  | (APD) for such pro   | posals.           | 6 If Indian, Allotte                      | e or Tribe Name                         |    |  |
| SUBMIT IN T  | RIPLICATE - Other instru   | ictions on reverse s   | ide               |   |   |    |  |
|  |  |  |                   | 7 If Unit or CA/Ag                        | reement, Name and/or No.                | _  |  |
| 1. Type of well  |  |  |                   |   |   |    |  |
| Oil Well X Gas We  | Other  |  |                   |   |   |    |  |
| 2. Name of Operator  |  |  |                   | 8 Well Name and                           |   |    |  |
| EOG Resources, Inc.  3a. Address   | 3b. Phone No. (I   | nclude area code)  |                   | Lusk "23" 9 API Well No.                  |   | _  |  |
| P.O. Box 2267, Midland, TX 7970  | 2 (915)686-3714  | •  |                   | 30-025                                    | <u> </u>                                |    |  |
| 4. Location of Well (Footage, Se   | c., T.,R.,M., or Survey Descrip  | tion)  |                   | 10 Field and Pool,                        |   |    |  |
| 1651' FNL & 679'   |  |  | ÷                 | Lusk Morri                                |   | _  |  |
| Section 23, T-19-  | 5, K-32-L  |  |                   | Lea Count                                 |   |    |  |
| DICATE NATURE OF NOTICE, RI  | EPORT, OR OTHER DATA   |  |                   |   |   | -  |  |
|  | YPE OF ACTION  |  |                   | ,   |   | _  |  |
|  | Acidize  | Deepen   | Prod              | uction (Start/Resume)                     | Water Shut-Off                          | _  |  |
| Notice of Intent   | Alter Casing   | Fracture Treat   | Aeck              | ametion                                   | Well Integrity                          |    |  |
| ,  | Casing Repair  | New Construction   | Reco              | mplete                                    | X other Re-route                        |    |  |
| Subsequent Report  | Change Plans   | Plug and Abandon   | Temp              | porarily Abandon                          | Access Road                             | _  |  |
| Final Abandonment Notice   | Convert to Injection   | Plug Back  | Wate              | r Disposal                                |   | _  |  |
| 13. Describe Proposed or Completed C   | peration (clearly state all pertinent di<br>nally or recomplete horizontally, give | etails, including estimated star                                       | ting date of an   | y proposed work and appro                 | oximate duration therec                 | =  |  |
| testing has been completed. Final /<br>determined that the site is ready for<br>BLM Carlsbad has<br>Lusk "23" Fed No.      |  | nty after all requirements, incl<br>G Resources, In<br>logical concern | uding reclamat    | ion, have been completed,<br>route access | and the operator hit<br>road for its    |    |  |
|  |  |  |                   |   | RECEIV<br>2001 OCT 26 F<br>BUREAU OF LA |    |  |
|  |  |  |                   |   | S 121                                   |    |  |
|  | •  |  |                   |   | RE PAL                                  |    |  |
| •  |  |  |                   |   | ECI<br>26<br>26<br>AD F                 |    |  |
|  |  |  |                   |   |   |    |  |
| 14. I hereby certify that the foregoin   | n is true and correct  |  | <del></del>       |   |   | =  |  |
| Name (Printed/Typed)   | g is the ting correct  |  | 1                 |   |   |    |  |
|  | •  | •  |                   |   | - Ti≪                                   |    |  |
| Mike Francis   |  |  | Title             |   | ना <b>०</b><br>√% चर्चर ≂               | _  |  |
| Signature Mike   | France   |  | Date              | 10-22-01                                  | <b>M.T.</b> 75                          |    |  |
| FEDERAL OR STATE OFFICE USE  |  |  |                   |   |   | •  |  |
| Approved by  | /s/ LESLIE A. T  |  | war-+             | FIELD<br>Title MANAGER                    | DEC 1 2 2001                            | •, |  |
| Conditions of approval, if any, are at<br>certify that the applicant holds legal<br>which would entitle the applicant to c | or equitable title to those rights in<br>conduct thereon.                          | the subject leaase   |                   | om@ARLSBA                                 |   | E  |  |
| Title 18 U.S.C. Section 1001 and Title 43  | U.S.C. Section 1212, make it a crime   |  | d willfully to ma | ake to any department or a                | gency of the United                     | ;  |  |



#### CENTERLINE DESCRIPTION OF A PROPOSED ROAD:

BEGINNING at a point in the north line of Section 23, T-19-S, R-32-E, N.M.P.M., Lea County, New Mexico, from which point the northwest corner of said Section 23 bears S 89° 55, 31" W, 499.3 feet;

THENCE S 00° 20' 25" E, with the centerline of proposed road, 1451.4 feet to a point in the northwest corner of a well pad for EOG Resources, Inc. LUSK "23" FEDERAL No. 1, for the end of this road, from which point the northwest corner of said Section 23 bears S 89° 55' 31" W, 499.3 feet and N 00° 20' 25" W, 1451.4 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. TOMOTHE BOTTS TOWAL LAND JAMES E. TOMPKINS Registered Professional Surveyo

New Mexico Certificate No. 14729

PROPOSED ROAD TO SÉRVE LUSK "23" FEDERAL No. 1

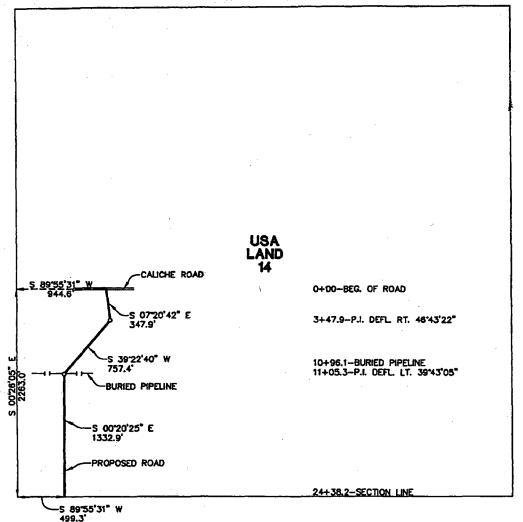
#### EOG RESOURCES INC. C

1451.4 feet of proposed road in Section 23, T-19-S, R-32-E, N.M.P.M., Lea County, New Mexico

WEST TEXAS CONSULTANTS, INC.

| ENGINEERS-PLANNER     | MIDLAND, TEXAS |                   |
|-----------------------|----------------|-------------------|
| Survey Date: 10-11-01 | Date: 10-12-01 | Scale; 1" = 1000' |
| WTC No.: 46399        | Drawn By: JWD  | Sheet 2 of 2      |

#### SECTION 14, . JWNSHIP 19 SOUTH, RANGE 32 \_AST, N.M.P.M. **NEW MEXICO** LEA COUNTY,



#### CENTERLINE DESCRIPTION OF A PROPOSED ROAD:

BEGINNING at a point in an existing caliche road, from which point the southwest corner of Section 14, T-19-S, R-32-E, N.M.P.M., Lea County, New Mexico, bears S 89° 55' 31" W, 944.6 feet and S 00° 26' 05" E, 2263.0

THENCE with the centerline of proposed road as follows: S 07° 20' 42" E, 347.9 feet; S 39° 22' 40" W, 757.4 feet; and S 00° 20° 25" E, 1332.9 feet to a point in the south line of said Section 14, for the end of this road, from which point the southwest corner of said Section 14 bears S 89° 55' 31" W, 499.3 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 JAMES E. TOMOTHE New Mexico.

PORESSIONAL!

JAMES E. TOMPKINS Registered Professional Surveyor New Mexico Certificate No. 14729 PROPOSED ROAD TO SERVE LUSK "23" FEDERAL No. 1

#### EOG RESOURCES INC.

2438.2 feet of proposed road in Section 14, T-19-S, R-32-E, N.M.P.M., Lea County, New Mexico

WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

Survey Date: 10-11-01 Date: 10-12-01 Scale: 1" = 1000"

WTC No.: 46399

Drawn By: JWD

Sheet 1

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 <sup>2</sup> Pool Code API Number Lusk Morrow East (gas) 80770 Property Name Well Number LUSK "23" FEDERAL 1 \*Operator Name OGRID No. Elevation EOG RESOURCES INC. 3610 7377 Surface Location Feet from the North/South line UL or lot no. Section Township Range Lot Idn Feet from the East/West line County 32-E NORTH 679 WEST Ε 23 19-S 1651 LEA Bottom Hole Location, If Different From Surface Lot Idn UL or lot no. Section Township Feet from the North/South line Feet from the East/West line County "Joint or Infill "Consolidation Code "Order No. Dedicated Acres 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 17 OPERATOR CERTIFICATION true and complete to the best of my knowledge and belief. EOG RESOURCES INC. LUSK "23" FEDERAL No. 1 ELEV.=3610" 679' Mike Franci Printed Name Y=600137.93 X=681762.10 Agent LAT.=32"38'54.57" LONG.=103"44"34.10" 18 SURVEYOR CERTIFICATION or under my supervision, and that the same is true correct to best of my belief. **SEPTEMBER 12, 2001** Date of Survey AND SE THE STATE OF THE SECOND Signature and MEXICO

EOG RESOURCES, INC. LUSK "23" FEDERAL NO. 1 1651' FNL & 679' FWL SEC. 23, T-19-S, R-32-E LEA COUNTY, NM

#### 1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

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

| Yates           | 2950'  |
|-----------------|--------|
| Delaware        | 4925'  |
| Bone Springs    | 7750'  |
| Wolfcamp        | 10900' |
| Strawn          | 12150' |
| Atoka Shale     | 12600' |
| Morrow Clastics | 13100' |
| Lower Morrow    | 13575' |
| Mississippian   | 13675' |

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

| Upper Permian Sands | Above 250' | Fresh Water |
|---------------------|------------|-------------|
| Delaware            | 4925'      | Oil         |
| Bone Spring         | 8500'      | Oil         |
| Wolfcamp            | 10900'     | Oil         |
| Strawn              | 12150'     | Oil         |
| Morrow              | 13200'     | Gas         |

#### 4. CASING PROGRAM

| Hole Size | <u>Interval</u> | OD Casing | Weight Grade Jt. Cond. Type |
|-----------|-----------------|-----------|-----------------------------|
| 14 ¾      | 0-400'          | 11 3/4"   | 42# H-40 ST&C               |
| 11"       | 0-4000'         | 8 5/8"    | 32# J-55 LT&C               |
| 11"       | 5500'           | 8 5/8"    | 32# HCK LT&C                |
| 7 7/8"    | 0-13700         | 5 ½"      | 17# S95/P110 L&TC           |

#### Cementing Program:

11 3/4" Surface Casing: Cement to surface with 200 sx Prem Plus, 3%

Econolite, 25 Calcium Chloride, 0.25#/sx Flocele,

150 sx Prem Plus, 2% Calcium Chloride

8 5/8" Intermediate:

Cement to surface with 800 sx Interfill C, .25#/sx

flocele, 250 sx Premium Plus, 2% Calcium Chloride

5 1/2" Production:

Cement w/930 sx Premium, 3% Econolite, 5#/sx Salt (3%), 0.2% HR5, .25#/sk Flocele, 250 sx Prem 50/50 Poz mix 'A', 2% Halliburton-Gel First 2%, 0.5% Halad-322. This is designed to bring TOC to

4500'.

EOG RESOURCES, INC. LUSK "23" FEDERAL NO. 1 1651' FNL & 679' FWL SEC. 23, T-19-S, R-32-E LEA COUNTY, NM

#### 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. EOG request authorization to use a 2M system, providing for an annular preventer to be used prior to drilling the surface casing shoe before drilling out of surface casing. Before drilling out of 1st intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/1000 psi and the annular to 3500/5000-psig pressure.

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:

|              |                         | Wt Viscosity | y Water | loss |
|--------------|-------------------------|--------------|---------|------|
| <u>Depth</u> | <u>Type</u>             | (PPG)        | (sec)   | (cc) |
| 0-1300'      | Fresh Water (Spud Mud)  | 8.5          | 40-45   | N.C. |
| 1300'-5500'  | Brine Water             | 10.0         | 30      | N.C. |
| 5500'- TD    | Cut Brine + Polymer/KCL | 8.8 – 9.232  | 32      | 10   |

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.

EOG RESOURCES, INC. LUSK "23" FEDERAL NO. 1 1651' FNL & 679' FWL SEC. 23, T-19-S, R-32-E LEA COUNTY, NM

(C) A mud logging unit complete with H2S detector will be continuously monitoring drilling penetration rate and hydrocarbon shows from 5000' to TD.

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

Electric logging 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.

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 5000 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.

EOG RESOURCES, INC. LUSK "23" FEDERAL NO. 1 1651' FNL & 679' FWL SEC. 23, T-19-S, R-32-E LEA COUNTY, NM

#### SURFACE USE AND OPERATIONS PLAN

#### 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:

4,787.3' of new road is required. Exhibit #2A1, 2(A)2.

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 #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 would also be located on the drill-pad site and no additional disturbance will occur.

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

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.

EOG RESOURCES, INC. LUSK "23" FEDERAL NO. 1 1651' FNL & 679' FWL SEC. 23, T-19-S, R-32-E LEA 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 #4 shows the relative location and dimensions of the well pad.

EOG RESOURCES, INC. LUSK "23" FEDERAL NO. 1 1651' FNL & 679' FWL SEC. 23, T-19-S, R-32-E LEA 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.

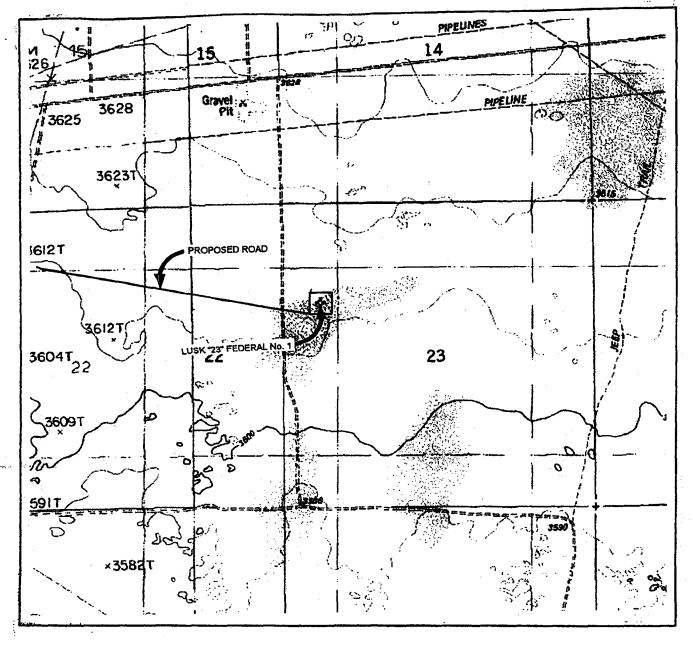
#### **CERTIFICATION:**

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.

Tom Young
Division Drilling Manager

Date: 6/21/01

## LOCA ON VERIFICATION MA



 WTC 46380

 SEC. \_\_23 \_\_TWP. \_\_\_19-S \_\_RGE. \_\_\_32-E

 SURVEY \_\_\_\_\_NM.P.M

 COUNTY \_\_\_\_LEA \_\_\_\_\_STATE \_\_NM

 DESCRIPTION \_\_\_\_\_1651'\_FNL & 679'\_FWL

 ELEVATION \_\_\_\_\_\_3610'

 OPERATOR \_\_\_\_\_\_EOG\_RESOURCES, INC.

SCALE: 1" = 2000'

LEASE <u>LUSK "23" FEDERAL No. 1</u>
USGS TOPO MAP <u>LAGUNA GATUNA NW. NEW MEXICO.</u>

Exhibit 2 CONTOUR INTERVAL 10

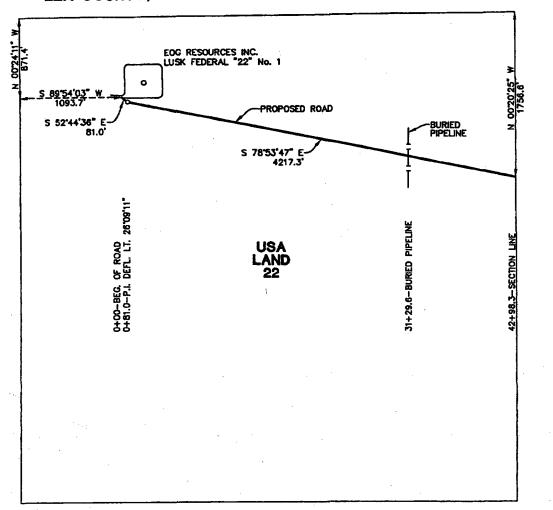
WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800

# SECTION 22, 10WNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M. LEA COUNTY. NEW MEXICO



#### CENTERLINE DESCRIPTION OF A PROPOSED ROAD:

BEGINNING at a point in the southwest corner of a well pad for EOG Resources, Inc. LUSK FEDERAL "22" No. 1, from which point the northwest corner of Section 22, T-19-S, R-32-E, N.M.P.M., Lea County, New Mexico, bears S 89° 54' 03" W, 1093.7 feet and N 00° 24' 11" W, 871.4 feet;

THENCE S 52° 44′ 36" E, with the centerline of proposed road, 81.0 feet to a point for a bend in this road; THENCE S 78° 53′ 47" E, with the centerline of proposed road, 4217.3 feet to a point in the east line of said Section 22, for the end of this road, from which point the northeast corner of said Section 22 bears N 00° 20′ 25" W, 1756.6 feet.

Exhibit 2(a) 1 PROPOSED ROAD TO SERVE LUSK "23" FEDERAL No. 1

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

#### EOG RESOURCES INC.

4298.3 feet of proposed road in ... Section 22, T-19-S, R-32-E, N.M.P.M., Lea County, New Mexico

WEST TEXAS CONSULTANTS, INC.

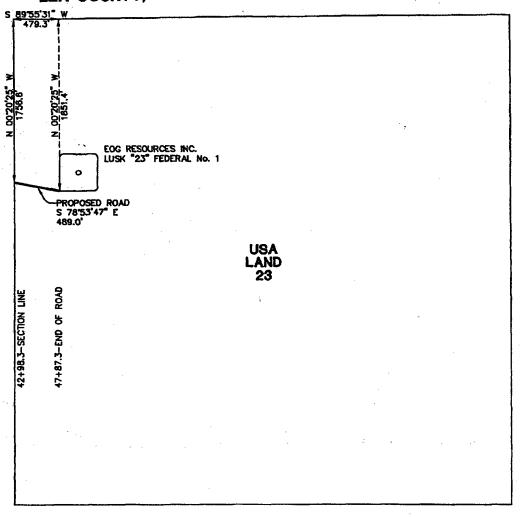
 ENGINEERS—PLANNERS—SURVEYORS
 MIDLAND, TEXAS

 Survey Date: 9-12-01
 Date: 9-13-01
 Scale: 1° = 1000'

 WTC No.: 48380
 Drawn By, JWD
 Sheet 1 of 2

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

SECTION 23, . JWNSHIP 19 SOUTH, RANGE 32 LAST, N.M.P.M. LEA COUNTY, NEW MEXICO



#### CENTERLINE DESCRIPTION OF A PROPOSED ROAD:

BEGINNING at a point in the west line of Section 23, T-19-S, R-32-E, N.M.P.M., Lea County, New Mexico, from which point the northwest corner of said Section 23 bears N 00° 20' 25" W, 1756.6 feet;

THENCE S 78° 53' 47" E, with the centerline of proposed road, 489.0 feet to a point in the southwest corner of a well pad for EOG Resources, Inc. LUSK "23" FEDERAL No. 1, for the end of this road, from which point the northwest corner of said Section 23 bears N 00° 20' 25" W, 1851.4 feet and S 89° 55' 31" W, 479.3 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.

Ames E. Tompking & Janes & Tares , MEXICO & SANERS & TARES & TARES

JAMES E. TOMPKINS Registered Professional Surveyor New Mexico Certificate No. 14729 Exhibit 2(A)2
PROPOSED ROAD TO SERVE
LUSK "23" FEDERAL No. 1

#### EOG RESOURCES INC.

489.0 feet of proposed road in Section 23, T-19-S, R-32-E, N.M.P.M., Lea County, New Mexico

WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS MIDLAND, TEXAS

| Survey Date: 9-12-01 | Date: 9-13-01 | Scale: 1" = 1090" |
|----------------------|---------------|-------------------|
| WTC No.: 46380       | Drawn By: JWD | Sheet 2 of 2      |

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| R.A.<br>Mellin<br>141-86<br>325-90   | (Allantic)   | RH.Beck  | K65 KGS  | K-0-1462   1 - 2   | Yates Pet, etal  | жы— — 6 — — — —  |
| ;  | \$4648°°<br>4 as 22   | RHBeck<br>4 1944<br>81876  | Votes (1-1)<br>6-1-30-6-1  |  | p (9.).93)   | Mitchell Ener.<br>e. 1-92<br>57996<br>78 12<br>KGS   |
|  |   |  |  |  |  |  |

#### **Statement Accepting Responsibility For Operations**

EOG Resources, Inc. **Operator Name:** P.O. Box 2267 Street or Box: 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.: NM12412 Legal Description of Land: Section 23, T-19-S, R-32-E, NMPM 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: Mike Francis Title: Agent

Date: 9/21/01

## LOCATION VERIFICATION MAP

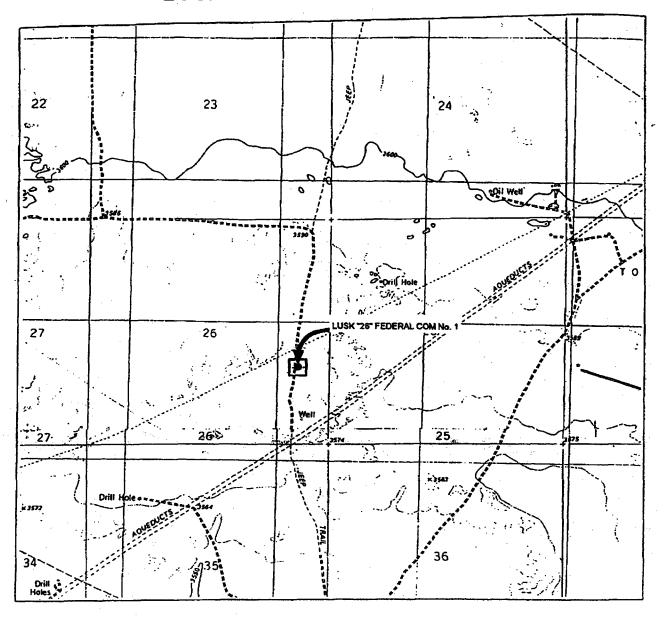


Exhibit 2

| SCALE: | 1"  | = | <b>2000</b> |
|--------|-----|---|-------------|
| WTC 46 | 196 |   |             |

SEC. 26 TWP. 19-S RGE. 32-E SURVEY N.M.P.M COUNTY \_\_ \_\_ STATE \_\_ DESCRIPTION 1832 FSL & 660 FEL ELEVATION 3575 OPERATOR EOG RESOURCES, INC.

LEASE LUSK "26" FEDERAL COM No. 1

CONTOUR INTERVAL 10

WEST TEXAS CONSULTANTS, INC.

**ENGINEERS-PLANNERS-SURVEYORS** 

MIDLAND, TEXAS

915-685-3800