

DATE IN 3/16/01	SUBMITTER 4/5/01	ENGINEER MS	LOGGED IN KW	TYPE NSL	APP NO. 107831870
--------------------	---------------------	----------------	-----------------	-------------	----------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
 [B] Offset Operators, Leaseholders or Surface Owner
 [C] Application is One Which Requires Published Legal Notice
 [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common.

I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

WILLIAM F. CARR William F. Carr ATTORNEY 3/15/01
 Print or Type Name Signature Title Date
wcarr@westofpecos.com
 e-mail Address

01 MAR 16 PM 4:23
 OIL CONSERVATION DIV.

HOLLAND & HART ^{LLP}
AND
CAMPBELL & CARR
ATTORNEYS AT LAW

DENVER • ASPEN
BOULDER • COLORADO SPRINGS
DENVER TECH CENTER
BILLINGS • BOISE
CHEYENNE • JACKSON HOLE
SALT LAKE CITY • SANTA FE
WASHINGTON, D.C.

SUITE 1
110 NORTH GUADALUPE
SANTA FE, NEW MEXICO 87501-6525
MAILING ADDRESS
P.O. BOX 2208
SANTA FE, NEW MEXICO 87504-2208

TELEPHONE (505) 988-4421
FACSIMILE (505) 983-6043
www.hollandhart.com

March 15, 2001

HAND-DELIVERED

Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

Re: Application of EOG Resources, Inc. Administrative Approval of an Unorthodox Well Location for its Red Tank 24 Federal Com Well No. 1, located 660 feet from the North line and 2150 feet from the West line of Section 24, Township 22 South, Range 32 East, N.M.P.M., Eddy County, New Mexico.

Dear Ms. Wrotenbery:

EOG Resources, Inc. hereby seeks administrative approval pursuant to the provisions of Division Rule 104 F (2)-(4) adopted on August 12, 1999, of an unorthodox well location for its Red Tank 24 Federal Com Well No. 1 located 660 feet from the North line and 2150 feet from the West line Section 24, Township 22 South, Range 32 East, N.M.P.M., Eddy County, New Mexico. EOG's Application for Permit to Drill the well at this location was approved by the Bureau of Land Management on May 18, 2000 (Exhibit A to this application) and the well was drilled in June 2000 to a depth of approximately 15,400 feet to test the Morrow and the Mississippian Chester formations. A standard 320-acre spacing and proration unit comprised of the N/2 of Section 24 was dedicated to the well in the Morrow formation, Undesignated This location in the Morrow formation is unorthodox because it is governed by the Division's statewide rules which provide for wells on 320-spacing units to be located no closer than 660 feet to the outer boundary of the quarter section on which the well is located and no closer than 10 feet to any quarter-quarter section line or subdivision inner boundary.

This location is 490 feet from an outer boundary of a quarter section. Exhibit B to this application is a copy of the Form C-102 for the well showing its surveyed location. Bootleg Ridge-Morrow Gas Pool. EOG discovered that this location is unorthodox on March 12, 2001.

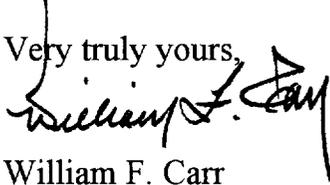
Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
March 15, 2001
Page 2

The unorthodox location is required for three reasons. First, the well needs to be located on the eastern side of a fault which crosses the NW/4 of Section 24. Exhibit C is a n Isopach Map which shows the location of the Red Tank 24 Federal Com Well No. 1A Well and the fault immediately west of the well. A standard location in the NW/4 would be too close to the fault and could experience a loss of permeability due to mineralization along the fault. It also would be at risk of encountering collapse zones and/or limited reservoir blocks because of secondary faulting undetected by the seismic data. Second, the well could not be located in the NE/4 of Section 24 because it needed to be structurally high to be above water which was encountered in the B sand in the Bootleg Ridge 19 Well No. 1 in Section 20 to the east. Third, moving the well to the southwest would have moved the well away from the proven "C" sands in the wells to the northeast.

Attached hereto as Exhibit D is a plat which shows the subject area, the 320-acre spacing unit comprised of all of the N/2 of Section 24 and the unorthodox location. Since this location is only unorthodox to an interior quarter section line, there are no adjoining or diagonal spacing units towards which the well location encroaches. Accordingly, there are no affected parties to whom notice of this application needs to be provided pursuant to Division rule.

Enclosed in hard copy and disc is a proposed administrative order of the Division.

Your attention to this application is appreciated.

Very truly yours,

William F. Carr
Attorney for EOG Resources, Inc.

Enclosures

cc: Larry D. Cunningham, Project Landman
EOG Resources, Inc.
Post Office Box 2267
Midland, Texas 79702

New Mexico Oil Conservation Division, District I
 1625 N. French Drive
 Hobbs, NM 88249

Form 3180-3
 (August 1999)

FORM APPROVED
 OMB No. 1004-0138
 Expires November 30, 2000

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		6. Lease Serial No. NM87268
1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		7. If Unit or CA Agreement, Name and No.
2. Name of Operator EOG Resources, Inc.		8. Lease Name and Well No. Red Tank #24 Fed Corn #1
3a. Address P.O. Box 2267, Midland, TX 79702	3b. Phone No. (include area code) (915)886-3714	9. API Well No. 30-025-35035
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 2,150' FWL (Unit Letter C) At proposed prod. Zone Same		10. Field and Pool, or Exploratory Bootleg Ridge (Morrow)
14. Distance in miles and direction from nearest town or post office*		11. Sec., T., R., M., or Blk. And Survey or Area Sec. 24, T22S, R32E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	16. No. of Acres in lease 280	17. Spacing Unit dedicated to this well N/2 320
18. Distance from proposed location* to nearest well, drilling, completed applied for, on this lease, ft. 1320	19. Proposed Depth 15,400	20. BLM/BIA Bond No. on file NM2306
21. Elevations (Show whether DF, KDB, RT, GL, etc) GL3706	22. Approximate date work will start* 5/15/2000	23. Estimated duration 30 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)

CARLSBAD CONTROLLED WATER BASIN

- 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.

26. Signature <i>Mike Francis</i>	Name (Printed/Typed) Mike Francis	Date 4/03/00
Title Agent		
Approved by (Signature) /S/LARRY D. BRAY	Name (Printed/Typed) /S/LARRY D. BRAY	Date MAY 18 2000
Title Assistant Field Manager, Lands And Minerals	Office ROSWELL FIELD OFFICE	APPROVED FOR 1 YEAR

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 SUBJECT TO
 GENERAL REQUIREMENTS AND
 SPECIAL STIPULATIONS
 ATTACHED

OPER. OGRID NO. 7377
 PROPERTY NO. 25902
 POOL CODE 72650
 EFF. DATE 5-19-00
 API NO. 30-025-35035

acc
 4/19/2000

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Grande 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-106
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 Bootleg Ridge (Morrow)
⁴ Property Code	⁵ Property Name RED TANK "24" FEDERAL COM	
⁶ COBID No. 7377	⁷ Operator Name EOG RESOURCES INC.	⁸ Well Number 1
		⁹ Elevation 3706

¹⁰Surface Location

Ul. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	22-S	32-E		660	NORTH	2150	WEST	LEA

¹¹Bottom 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

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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

<p>¹⁶</p>	<p>¹⁷ OPERATOR CERTIFICATION</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</p> <p>Mike Francis Printed Name</p> <p>Agent Title</p> <p>4/3/00 Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</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 best of my belief.</p> <p>MARCH 23, 2000 Date of Survey</p> <p>Signature and Seal of <i>James Tompkins</i></p> <p>James Certificate Number</p>

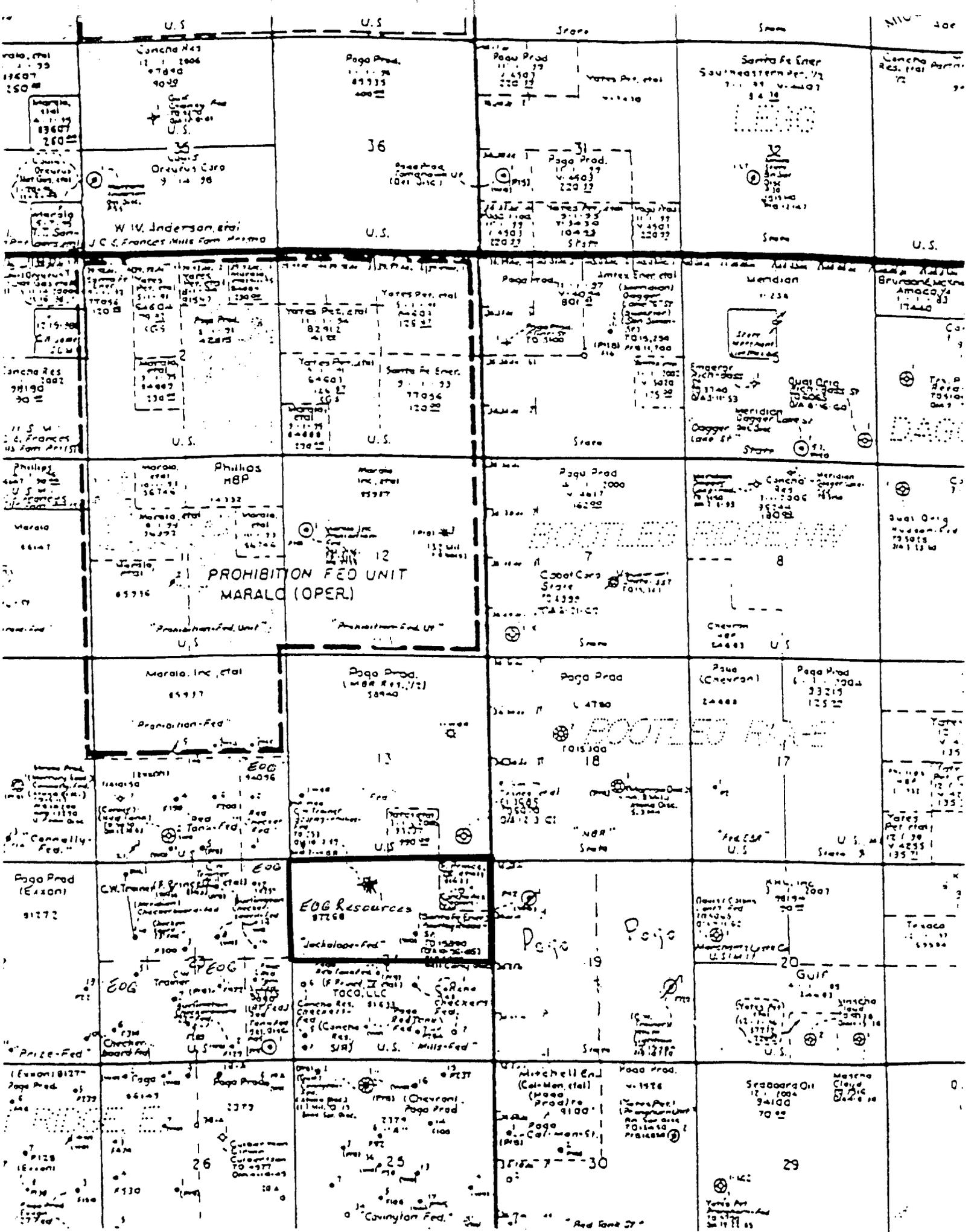


EXHIBIT D

March 15, 2001

EOG Resources, Inc.
Post Office Box 2267
Midland, Texas 79705

Attention: Larry D. Cunningham

Administrative Order NSL-_____

OIL CONSERVATION DIV.
01 MAR 16 PM 4:23

Dear Mr. Cunningham:

Reference is made to your application dated March 14, 2001 for your Red Tank Federal Com. Well No. 1 drilled at an unorthodox well location in the Morrow formation, Bootleg Ridge-Morrow Gas Pool. Said well has been drilled to a bottom hole location in the Morrow and Mississippian Chester formations 660 feet from the North line and 2150 feet from the West line (Unit C) of Section 24, Township 22 South, Range 32 East, NMPM, Eddy County, New Mexico.

A 320-acre spacing and proration unit in the Morrow and Mississippian Chester formations comprising the N/2 of said Section 24 is to be dedicated to said well.

By authority granted me under the provisions of Rule 104.F(2) of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10533, issued by the New Mexico Oil Conservation Commission in Case 11,351 on January 18, 1996, the above-described unorthodox well location is hereby approved.

Sincerely,

Lori Wrotenbery
Director

cc: Oil Conservation Division - Hobbs/Artesia
U. S. Bureau of Land Management - Carlsbad

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.

FORM APPROVED
 OMB NO. 1004-0135
 Expires: November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of well

Oil Well Gas Well Other

2. Name of Operator

EOG Resources, Inc.

3a. Address

P.O. Box 2267, Midland, TX 79702

3b. Phone No. (include area code)

(915)686-3714

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

660' FNL & 2150' FWL, Unit C
 Sec 24, T22S, R32E

5. Lease Serial No.

NM87268

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Red Tank "24" Fed Com #1

9. API Well No.

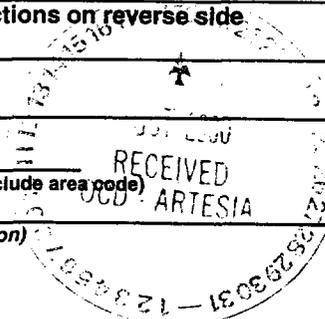
30-025-35035

10. Field and Pool, or Exploratory

Bootleg Ridge (Morrow)

11. County or Parish, State

Lea, NM



INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

Deepen

Fracture Treat

New Construction

Plug and Abandon

Plug Back

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

Water Shut-Off

Well Integrity

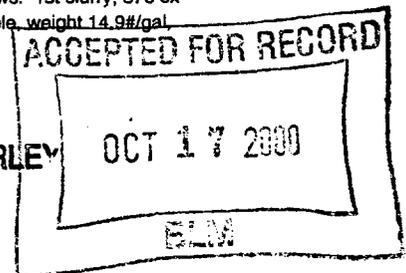
Other

5" liner

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.

8/20/00 Ran 63 jts of 5" liner, 20.63#, P110 & 22 jts 5" liner, 18#, TAC-140, to 15,100'. Cemented as follows: 1st slurry, 370 sx Premium 75/25 POZ (no gel), .6% gasstop, .3% Halad 413, 1#/sx silicalite, .2% HR5, .25#/sx floccle, weight 14.9#/gal, 1.23 cu ft/sx, 81 bbls.

(ORIG. SGD.) GARY GOURLEY



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mike Francis

Title

Agent

Signature

Mike Francis

Date

10/4/00

FEDERAL OR STATE OFFICE USE

Approved by

Chris Williams

DISTRICT 1 SUPERVISOR

Title

Date

NOV 6 2000

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.

Office

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.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240**

**FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000**

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
 Other

2. Name of Operator
EOG Resources, Inc.

3. Address P.O. Box 2267, Midland, TX 79702 3a. Phone No. (include area code) (915)686-3714

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 660' FNL & 2150' FWL, Unit C
 At top prod. interval reported below
 At total depth 660' FNL & 2150' FWL, Unit C

14. Date Spudded 6/26/00 15. Date T.D. Reached 8/20/00 16. Date Completed D&A Ready to Prod. 9/26/00

18. Total Depth: MD 15100 TVD 19. Plug Back T.D: MD 15055 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Acoustilog/Comp Neutron/Dual Laterolog
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit report)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	State Cementer Depth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48/68		1010'		750 sx Prem	343	Circ	
12-1/4"	9-5/8"	40		4790'		1580 sx Interfill	640	Circ	
8-3/4"	7-5/8"	39		12200'		890 sx Prem	389	Circ	4580
6-1/2"	5"	20.63/18		15100'		370 sx Prem	81	Circ	

24. Tubing Record

Size (MD)	Depth Set (MD)	Packer Depth (MD)	Size (MD)	Depth Set (MD)	Packer Depth (MD)	Size (MD)	Depth Set (MD)	Packer Depth (MD)
3-1/2"	11711'							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Morrow			14508-34'	0.25"	144	4 shots/ft
B) Morrow			14787-14803'	0.25"	96	6 shots/ft
C) Morrow			14882-14898'	0.25"	96	6 shots/ft
D)						

27. Acid, Fracture, Treatment, Cement Squeezes, Etc.

Depth Interval	Amount and Type of Material
	None

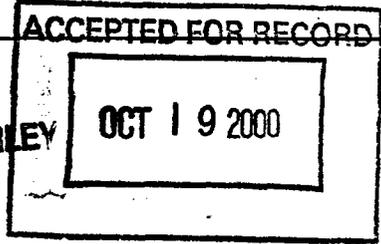
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/27/00	9/30/00	24	→	4	5538	0			Flow
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
None	5325	700	→						Prod

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
SI			→						

(See instructions and spaces for additional data on reverse side)



(ORIG. SGD.) GARY GOURLEY

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

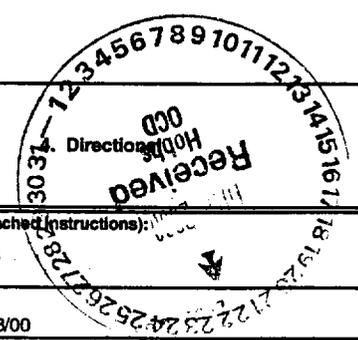
31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Lamar					4840
Bell Canyon					4960
Chery Canyon					5760
Brushy Canyon					6977
First Bone Spring					9010
Second Bone Spring					10482
Third Bone Spring					11645
Wolfcamp					11940
Strawn					13530
Atoka					13720
Morrow					14358

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments

- 1. Electrical/Mechanical Logs (1 full set req'd)
- 2. Geologic Report
- 3. DST Report
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7. Other



34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Name (please print) Mike Francis Title Agent
 Signature *Mike Francis* Date 10/13/00

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.

Well Name and Number: Red Tank "24" Fed Com. #1

Unit C

Location: Sec. 24, T22S, R32E, Lea County, NM

660/W & 2150/W

Operator: EOG Resources, Inc.

30-025-35035

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	
1/2	270	3/4	5049
1	642	3/4	5554
1	1070	3/4	6029
1 1/2	1424	1 1/4	6534
1	1830	3/4	7018
1	2406	3/4	7495
3	2876	3/4	7953
3 1/2	3167	1 1/4	8450
5	3262	1 1/4	8907
4	3378	2 1/4	9434
4 1/4	3441	2 1/4	9686
3 1/2	3695	3	9941
4	3759	2 1/4	10198
4	3822	2 1/4	10453
3 1/2	3917	3	10968
3	4012	2 1/4	11291
2 3/4	4106	1 1/4	11770
2 1/2	4234	1 1/4	12200
1	4360	2	12707
1 1/4	4458	2 1/4	13000
3/4	4583	2	13500
3/4	4790	1 1/4	14434

Drilling Contractor: McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 29th day of August, 2000.

[Signature]
Notary Public

My Commission Expires: 8-16-01

Lea County, New Mexico

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 25, 1999

Submit to Appropriate District Office
5 Copies

AMENDED REPORT

I. **REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

¹ Operator name and Address EOG Resources, Inc. P.O. Box 2267 Midland, TX 79702		² OGRID Number 7377
		³ Reason for Filing Code New well
⁴ API Number 30-025-35035	⁵ Pool Name Bootleg Ridge (Morrow)	⁶ Pool Code 72650
⁷ Property Code 25902	⁸ Property Name Red Tank "24" Fed Com E	⁹ Well Number 1

II. **Surface Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	24	22S	32E		660	North	2150	West	Lea

Bottom Hole Location

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

¹² Lse Code F	¹³ Producing Method Code Flow	¹⁴ Gas Connection Date 9/27/00	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
-----------------------------	---	--	-----------------------------------	------------------------------------	-------------------------------------

III. **Oil and Gas Transporters**

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
22507	Equilon	2826768	O	Same as surf
32109	LG&E Natural Gathering	2826769	G	Same as surf

IV. **Produced Water**

²³ POD 2826710	²⁴ POD ULSTR Location and Description
------------------------------	--

V. **Well Completion Data**

²⁵ Spud Date 6/26/00	²⁶ Ready Date 9/26/00	²⁷ TD 15100	²⁸ PBTD 15055	²⁹ Perforations 14508-14898'	³⁰ DHC, MC
³¹ Hole Size	³² Casing and Tubing Size	³³ Depth Set		³⁴ Sacks Cement	
17-1/2"	13-3/8"	1010'		750	
12-1/4"	9-5/8"	4790'		1580	
8-3/4"	7-5/8"	12200'		890	
6-1/2"	5"	15100'		370	

VI. **Well Test Data**

³⁵ Date New Oil 9/27/00	³⁶ Gas Delivery Date 9/27/00	³⁷ Test Date 9/30/00	³⁸ Test Length 24	³⁹ Tbg. Pressure 5325	⁴⁰ Csg. Pressure 700
⁴¹ Choke Size 11/64"	⁴² Oil 4	⁴³ Water 0	⁴⁴ Gas 5538	⁴⁵ AOF	⁴⁶ Test Method Flow

⁴⁷I hereby certify that the rules of the Oil Conservation Division have been compiled with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Mike Francis*

Printed Name: Mike Francis

Title: Agent

Date: 10/13/00 Phone: 915-686-3714

OIL CONSERVATION DIVISION

Approved by: *Chris Williams*

Title: DISTRICT SUPERVISOR

Approval Date: OCT 19 2000

⁴⁸If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

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.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of well

Oil Well Gas Well Other

2. Name of Operator

EOG Resources, Inc.

3a. Address

P.O. Box 2267, Midland, TX 79702

3b. Phone No. (include area code)

(915)686-3714

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

660' FNL & 2150' FWL, Unit C
Sec 24, T22S, R32E

5 Lease Serial No.

NM87268

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No.

8 Well Name and No.

Red Tank "24" Fed Com #1

9 API Well No.

30-025-35035

10 Field and Pool, or Exploratory

Bootleg Ridge (Morrow)

11 County or Parish, State

Lea, NM

INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

Deepen

Fracture Treat

New Construction

Plug and Abandon

Plug Back

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

Water Shut-Off

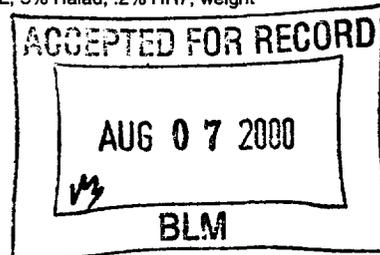
Well Integrity

Other

7-5/8" csg

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.

7/22/00 Ran 274 jts of 7-5/8" csg, 39#, L-80 to 12,200'. Cemented as follows, 1st slurry, 640 sx Premium, 1/4" flocele, 3% Econolite, .2% HR7, 5# salt, weight 11.5#/gal, 29 cu ft/sx, 331 bbls. 2nd slurry, 250 sx Premium, 50/50 POZ, 5% Halad, .2% HR7, weight 14.2#/gal, 1.25 cu ft/sx, 56 bbls. TOC 4580'.



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mike Francis

Title

Agent

Signature

Mike Francis

Date

7/12/00

FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct thereon.

Office

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.

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.

FORM APPROVED
 OMB NO. 1004-0135

Expires: November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No. NM87268
2. Name of Operator EOG Resources, Inc.		6 If Indian, Allottee or Tribe Name
3a. Address P.O. Box 2267, Midland, TX 79702	3b. Phone No. (include area code) (915)686-3714	7 If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 2,150' FWL Sec 24-22S-32E		8 Well Name and No. Red Tank "24" Fed Com No. 1
		9 API Well No. 30-025-35035
		10 Field and Pool, or Exploratory Bootleg Ridge; Morrow
		11 County or Parish, State Lea Co., NM

DICATE 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 checked="" 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 type="checkbox"/> Other _____

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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once tasting 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.

2nd Intermediate casing string:
 Change from 7" 26#/ft PS, LT&C casing set @ 12,200'
 Change to 7-5/8", 39#/ft, L80, Supreme LX, casing set @ 12,150'

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Mike Francis	Title Agent
Signature 	Date 6/23/00

FEDERAL OR STATE OFFICE USE

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA	PETROLEUM ENGINEER	Date JUL 18 2000
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.		Office

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.

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.

FORM APPROVED

OMB NO. 1004-0135

Expires: November 30, 2000

5	Lease Serial No. NM87268
6	If Indian, Allottee or Tribe Name
7	If Unit or CA/Agreement, Name and/or No.
8	Well Name and No. Red Tank "24" Fed Com #1
9	API Well No. 30-025-35035
10	Field and Pool, or Exploratory Bootleg Ridge (Morrow)
11	County or Parish, State Lea, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of well
 Oil Well Gas Well Other

2. Name of Operator
 EOG Resources, Inc.

3a. Address
 P.O. Box 2267, Midland, TX 79702

3b. Phone No. (include area code)
 (915)686-3714

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 660' FNL & 2150' FWL, Unit C
 Sec 24, T22S, R32E

INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<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 _____
	13-3/8" csg.

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 recomplate 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 recomplate 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.

6/26/00 Spud well.
 6/27/00 Ran 17 jts 13-3/8" csg, 48#, H40, STC, 1 jt 68# J55, STC, 4 jts, 68#, N80, Butt, 1 jt, 68#, P110, Butt to 1010'. Cemented as follows:
 1st slurry, 600 sx, Premium Plus, 3% Econolite, 2% CACL, 1/4#/sx flocele, weight 11.4#/gal, 2.88 cu ft/sx, 308 bbls. 2nd slurry,
 150 sx Premium Plus, 2% CACL, weight 1.32 cu ft/sx, 35 bbls. Circulated 155 sx to reserve pit. WOC 6.25 hrs. Tested csg to 350# - OK.

ACCEPTED FOR RECORD
 (ORIG. SGD.) DAVID R. GLASS
 JUL 07 2000
 BLM

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Mike Francis Title Agent

Signature *Mike Francis* Date 6/30/00

FEDERAL OR STATE OFFICE USE

Approved by *Chris Williams* DISTRICT 1 SUPERVISOR Title ISOP Date 6/30/00

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.

Office _____

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.

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

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No. NM87268
2. Name of Operator EOG Resources, Inc.		6 If Indian, Allottee or Tribe Name
3a. Address P.O. Box 2267, Midland, TX 79702	3b. Phone No. (include area code) (915)686-3714	7 If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 2,150' FWL Sec 24-T22S-R00E R32E		8 Well Name and No. Red Tank "24" Fed Com No. 1
		9 API Well No. 30-025-35035
		10 Field and Pool, or Exploratory Bootleg Ridge (Morrow)
		11 County or Parish, State Lea Co., NM

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 checked="" 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 _____

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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Change drilling plan to use Hydril equipment in lieu of BOP to drill intermediate string. BOP will be put in service before drilling out intermediate at $\pm 5,100'$.

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

Mike Francis

Title Agent

Signature

Mike Francis

Date

###

FEDERAL OR STATE OFFICE USE

Approved by TOPIC 390 - GARY COURLEY
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

Date

JUN 29 2000

Office

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM87268
1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" 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. Red Tank "24" Fed Com #1
3b. Phone No. (Include area code) (915)686-3714		9. API Well No. 30-025-35035
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 2,150' FWL (Unit Letter C) At proposed prod. Zone Same		10. Field and Pool, or Exploratory Bootleg Ridge (Morrow)
14. Distance in miles and direction from nearest town or post office*		11. Sec., T., R., M., or Blk. And Survey or Area Sec. 24, T22S, R32E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. Unit line, if any)	16. No. of Acres in lease 280	17. Spacing Unit dedicated to this well N/2 320
18. Distance from proposed location* to nearest well, drilling, completed applied for, on this lease, ft. 1320	19. Proposed Depth 15,400	20. BLM/BIA Bond No. on file NM2308
21. Elevations (Show whether DF, KDB, RT, GL, etc) GL3706	22. Approximate date work will start* 5/15/2000	23. Estimated duration 30 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)

- ARIZONA CONTROLLED WATER BASIN**
- 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>Mike Francis</i>	Name (Printed/Typed) Mike Francis	Date 4/03/00
Title		
Agent, Approved by (Signature) <i>Cherry D. Bray</i>	Name (Printed/Typed) Cherry D. Bray	Date 4/03/00
Title Assistant Field Manager, Lands And Minerals	Office ROSWELL FIELD OFFICE	APPROVED FOR 1 YEAR

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 SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

OPER OGRID NO. 7377
PROPERTY NO. 25902
POOL CODE 72650
EFF. DATE 5-19-00
API NO. 30-025-35035

acs
4/19/2000

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

*API Number 30-025-35035		*Pool Code 72650		*Pool Name Bootleg Ridge (Morrow)	
*Property Code 25902		*Property Name RED TANK "24" FEDERAL COM			*Well Number 1
*OGRID No. 7377		*Operator Name EOG RESOURCES INC.			*Elevation 3706

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	22-S	32-E		660	NORTH	2150	WEST	LEA

¹¹Bottom 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

*Dedicated Acres 320	**Joint or Infill	**Consolidation Code	**Order No.
-------------------------	-------------------	----------------------	-------------

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

<p>16</p>	<p>17 OPERATOR CERTIFICATION</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</p> <p>Mike Francis Printed Name</p> <p>Agent Title</p> <p>4/3/00 Date</p>
	<p>18 SURVEYOR CERTIFICATION</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 best of my belief.</p> <p>MARCH 23, 2000 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: Certificate Number 14729</p>

DRILLING PROGRAM

**EOG RESOURCES, INC.
RED TANK "24" FED COM NO. 1
660' FNL & 2150' FWL
SEC. 24, T22S, R32E
LEA COUNTY, NM**

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	900'
Delaware	4870'
Bone Spring	8480'
Wolfcamp	11925'
Strawn	13610'
Morrow "B-3" Ss	14550'
Morrow "C" Ss	14700'
Lower Morrow	15100'

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

Triassic Sands	Above 680'	Fresh Water
Delaware	4900'	Oil
Bone Spring	8850'	Oil
Morrow "B-3" Ss	14550'	Gas
Morrow "C" Ss	14700'	Gas

4. CASING PROGRAM

<u>Hole Size</u>	<u>Interval</u>	<u>OD Casing</u>	<u>Weight</u>	<u>Grade</u>	<u>Jt. Cond.</u>	<u>Type</u>
WITNESS 17-1/2"	0-750' 1000'	13 3/8"	48#	J	LT&C	CIRCULAR
12-1/4"	0-4000'	9 5/8"	40#	J	LT&C	STANDARD
	4000-5100'	9-5/8"	40#	HCK	LT&C	
8 3/4"	0-12200'	7"	26#	P/S	LT&C	
6 1/8"	12000-15400'	5" liner	18#	P	FL45	

Cementing Program:

13 3/8" Surface Casing: Cement to 750' with 415 sx Prem Plus, 3% Econolite (Extender), 2% Calcium Chloride, 0.25#/sx Flocele, 150 sx Prem Plus, 2% Calcium Chloride

9 5/8" Intermediate: Cement to 5100' with 1100 sx Interfill C, .25#/sx flocele, 250 sx Premium Plus, 2% Calcium Chloride

7" 2nd Intermediate: Cement to 12200 w/650 sx Premium, 3% Econolite, 5#/sx Salt, .25#/sx Flocele, .2% HR-5, 250 sx Prem 50/50 Poz, 2% Halliburton-Gel First 2%, 0.5% Halad-322. This is designed to bring TOC to 5100'.

DRILLING PROGRAM

EOG RESOURCES, INC.
RED TANK "24" FED COM NO. 1
660' FNL & 2150' FWL
SEC. 24, T22S, R32E
LEA COUNTY, NM

4. CASING PROGRAM CONTINUED

5" Production Liner: 300 sx Premium 50/50 Poz, 0.3% Halad-344, 0.3% Halad-322, 2#/sx Silicalite, .3% HR-5
This designed to bring TOC to 11800 +/-.

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 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 3500/1000-psi 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 12,200' to TD. Before drilling below 2nd 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 12,200' 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)
0-750' 1000'	Fresh Water (spud)	8.5	40-45	N.C.
1000'-750'-5200'	Brine Water	10.0	30	N.C.
5200'-12200'	Fresh Water	8.4	28	N.C.
12200'-15400'	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.

DRILLING PROGRAM

**EOG RESOURCES, INC.
RED TANK "24" FED COM NO. 1
660' FNL & 2150' FWL
SEC. 24, T22S, R32E
LEA COUNTY, 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 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 5,000' to 12,200' and 12,200' to TD with a GR-Compensated Neutron run from intermediate casing to surface and optional Sonic from TD to 2nd 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 9500 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 two months. 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.
RED TANK "24" FED COM NO. 1
660' FNL & 2150' FWL
SEC. 24, T22S, R32E
LEA 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:

0' of new road is required. Exhibit #3A

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:

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 #3.

DRILLING PROGRAM

**EOG RESOURCES, INC.
RED TANK "24" FED COM NO. 1
660' FNL & 2150' FWL
SEC. 24, T22S, R32E
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 #5 shows the relative location and dimensions of the well pad.

DRILLING PROGRAM

**EOG RESOURCES, INC.
RED TANK "24" FED COM NO. 1
660' FNL & 2150' FWL
SEC. 24, T22S, R32E
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.

W. Dewey Smeltzer
Division Drilling Manager



Date: 4-6-2003

DRILLING PROGRAM

**EOG RESOURCES, INC.
RED TANK "24" FED COM NO. 1
660' FNL & 2150' FWL
SEC. 24, T22S, R32E
LEA COUNTY, 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, 5000 psi W.P. minimum. Exhibit #1 and 10,000 psi WP 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. Exhibit 1 and 10,000 psi WP minimum Exhibit 2
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. Upper and Lower Kelly cock, 10,000 psi WP.
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.

Red Tank "24" Fed Com No. 1

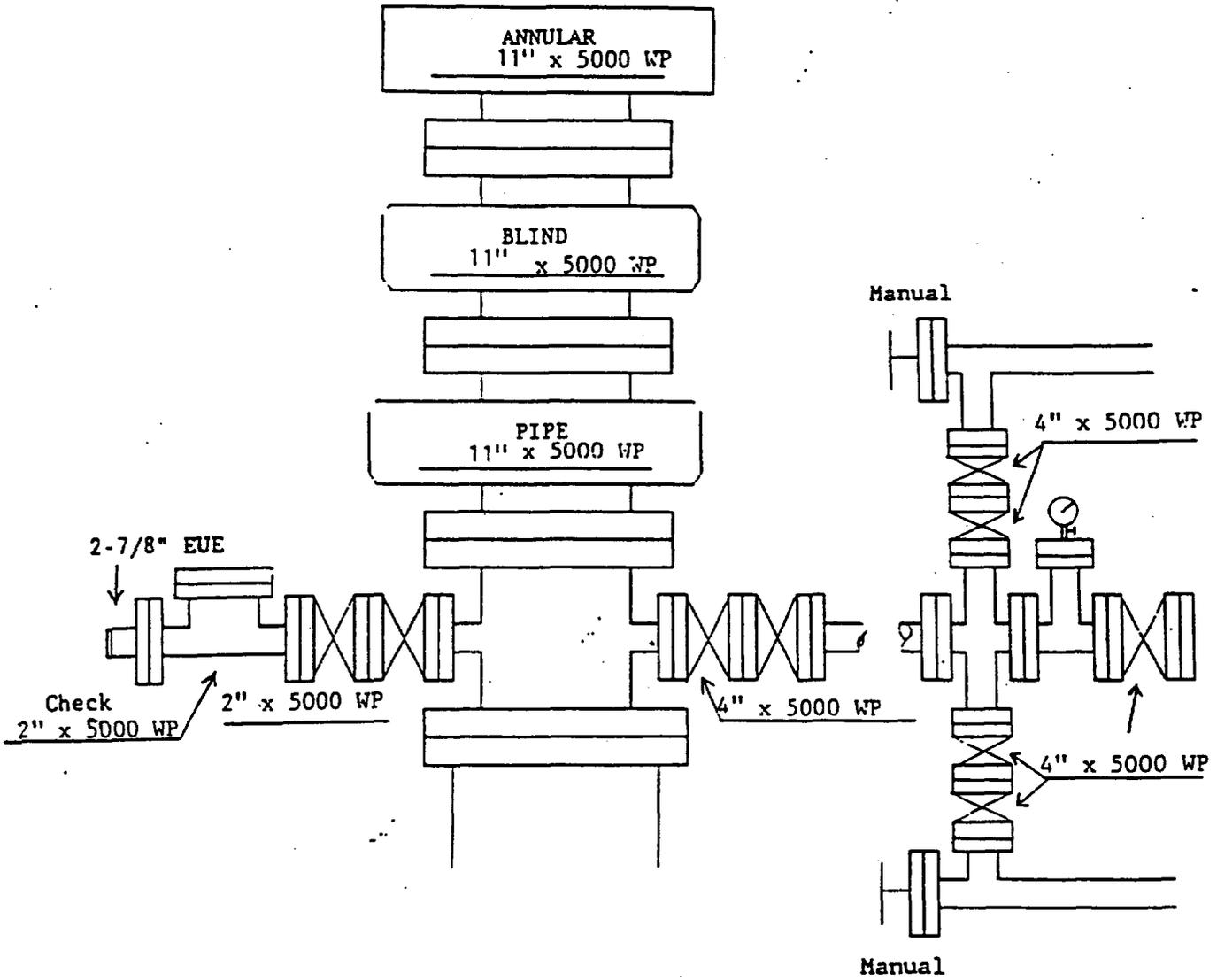


Exhibit 1

EOG Resources, Inc.

Red Tank "24" Fed Com No. 1

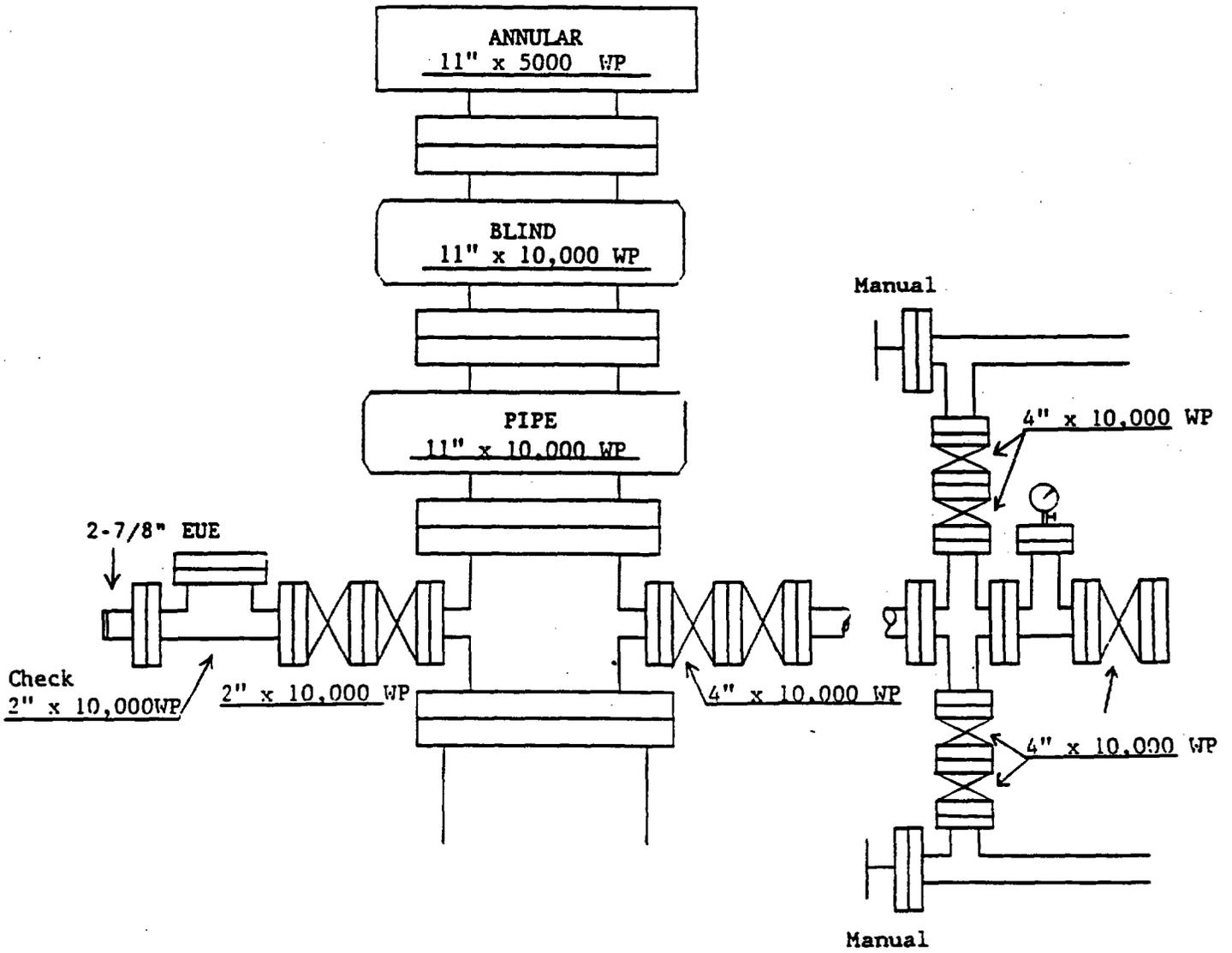
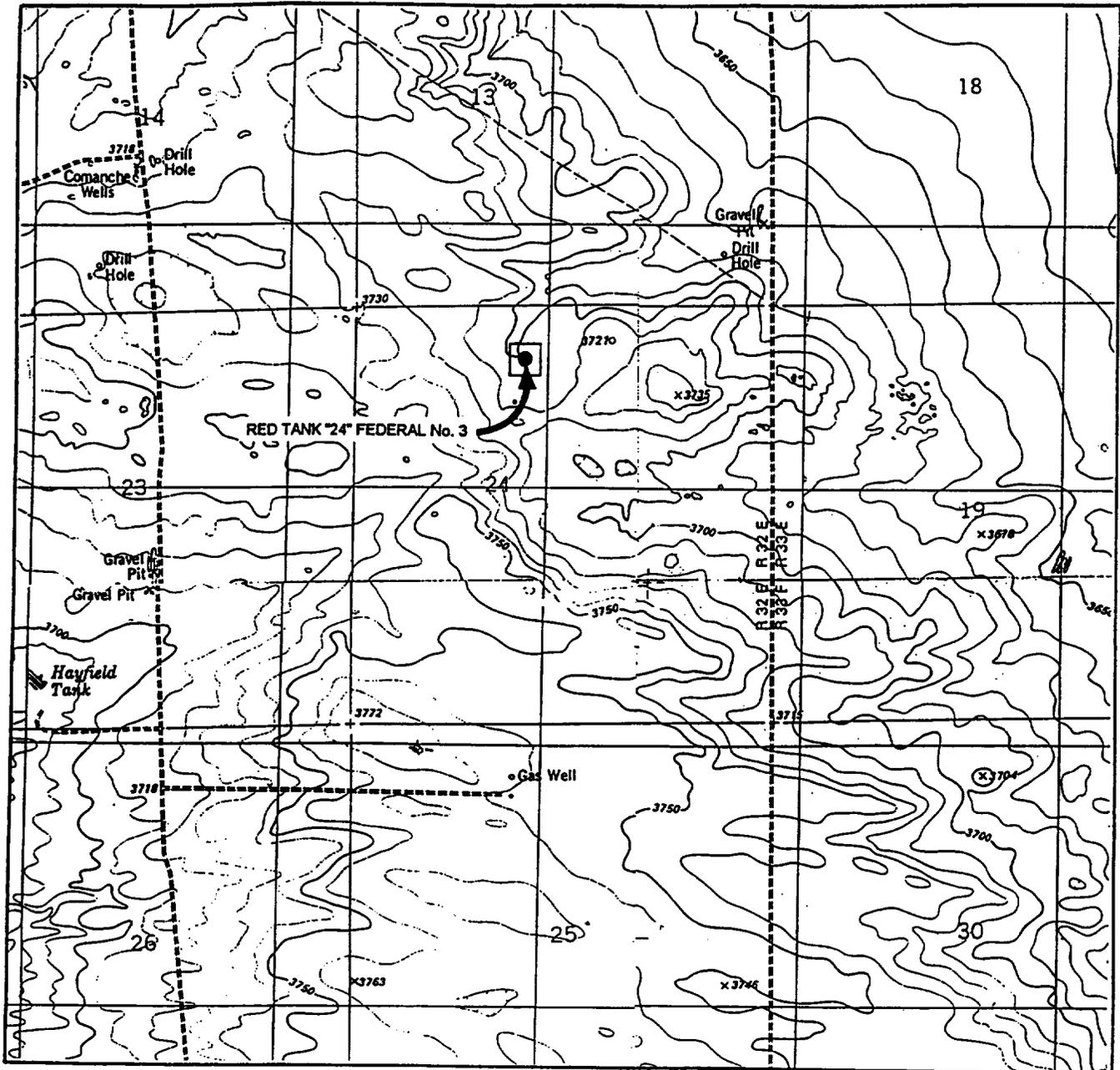


Exhibit 2

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'
WTC 45838

SEC. 24 TWP. 22-S RGE. 32-E

SURVEY N.M.P.M

COUNTY LEA STATE NM

DESCRIPTION 660' FNL & 2150' FWL

ELEVATION 3706'

OPERATOR EOG RESOURCES, INC.

LEASE RED TANK #24 FEDERAL No. 3

USGS TOPO MAP BOOTLEG RIDGE, THE DIVIDE,
GRAMA RIDGE AND TIP TOP WELLS, NEW MEXICO.

CONTOUR INTERVAL 10'

WEST TEXAS CONSULTANTS, INC.

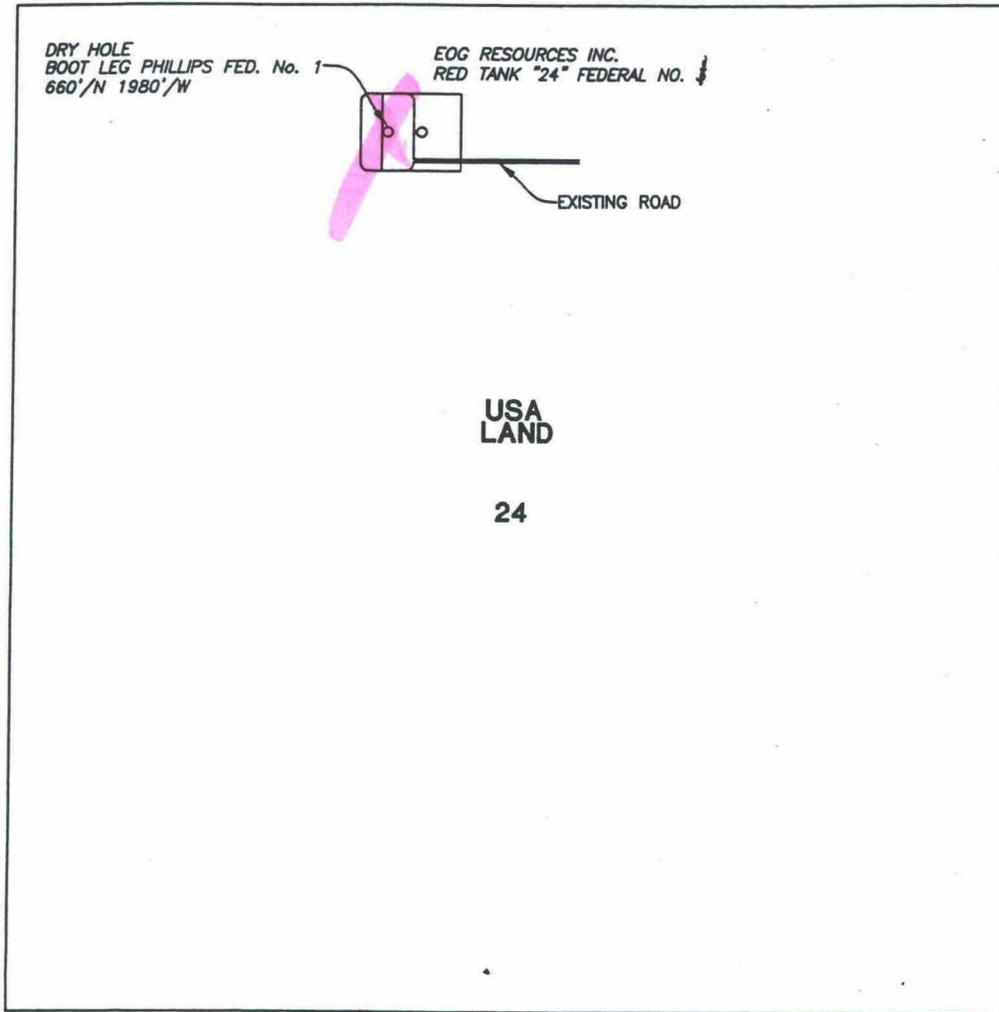
ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800

Exhibit 3

SECTION 24, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO



PLAT SHOWING DRY HOLE OF BOOT LEG PHILLIPS FEDERAL No. 1 AND EXISTING ROAD IN RELATIONSHIP TO EOG RESOURCES, INC. RED TANK "24" FEDERAL No. 3 IN SECTION 24, T-22-S, R-32-E, N.M.P.M., LEA COUNTY, NEW MEXICO.

Exhibit 3A

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



EOG RESOURCES INC.

Plat showing dry hole & existing road in relation to proposed location of RED TANK "24" FEDERAL No. 3, Section 24, T-22-S, R-32-E, N.M.P.M., Lea County, New Mexico

WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

Survey Date: 3-23-00	Date: 3-27-00	Scale: 1" = 1000'
WTC No. 45838	Drawn By: JRS II	Sheet 1 of 1

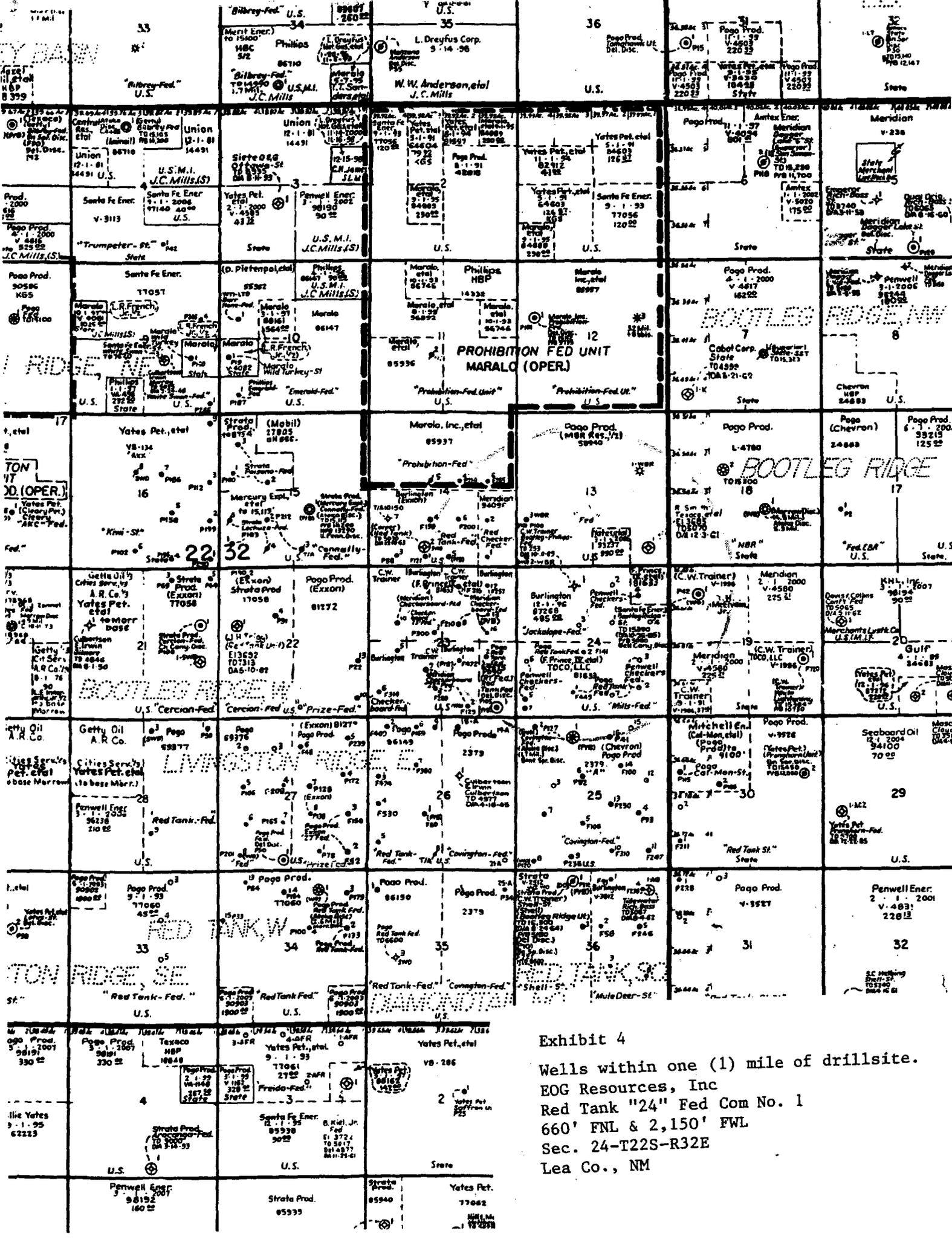
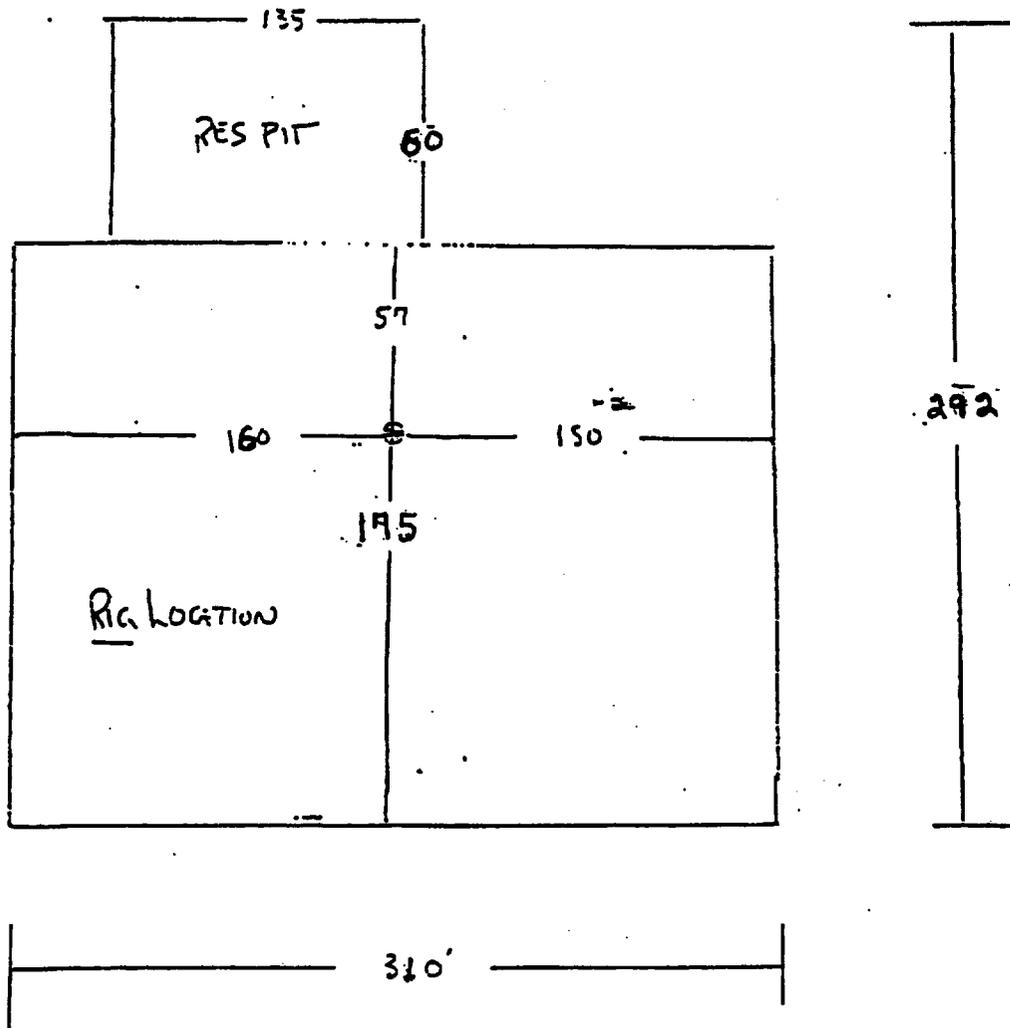


Exhibit 4

Wells within one (1) mile of drillsite.
 EOG Resources, Inc
 Red Tank "24" Fed Com No. 1
 660' FNL & 2,150' FWL
 Sec. 24-T22S-R32E
 Lea Co., NM

NORTH



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.: MM87268

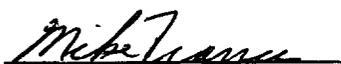
Legal Description of Land: N/2 Section 24, T22S, R32E, NMPM
Lea Co., NM

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: 4/4/00

COUNTY LEA

POOL BOOTLEG RIDGE - MORROW GAS

TOWNSHIP 22S

RANGE 32E

NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

EXT. 1/2 SEC 13 (R-8) 11-88