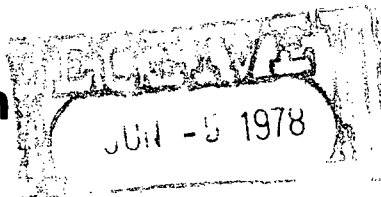


# Mobil Oil Corporation



THREE GREENWAY PLAZA EAST - SUITE 800  
HOUSTON, TEXAS 77046

NEW MEXICO OIL CONSERVATION COM. MAY 30, 1978

NSL - 958  
Rule 104(F)  
June 25, 1978

New Mexico Oil Conservation Commission (3)  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey

7.01  
UNORTHODOX WELL LOCATION  
MOBIL OIL CORPORATION'S  
JICARILLA "H" LEASE, WELL #4-A  
BLANCO MESAVERDE POOL  
RIO ARriba COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests authority to drill the subject well at an unorthodox location due to topographical conditions existing on this lease.

Proposed Well #4-A is spaced as follows:

874' from the south line,  
732' from the east line,  
Unit P, Sec. 1, T26N, R3W,  
Rio Arriba County, New Mexico

E/2 dedication

This well has been located at a site requiring the least amount of dirt work and utilizing an existing road. Well #4-A is located on Federally controlled Indian Lands and it is Mobil's desire to disturb as little of the natural terrain as possible.

In support of this request, the following information is submitted:

1. Form 9-331-C, "Application to Drill, Deepen or Plug Back on Federal Lands"
2. Form C-102, "Well Location and Acreage Dedication Plat"
3. Certified plat covering a portion of the lease and showing topography.

Palmer Oil & Gas Company, Box 2564, Billings, Montana 59103, is the only offset operator to this lease. They are being furnished a copy of this letter and attachments by certified mail as their notice of this application and request for their waiver.

Yours very truly,

J. A. Morris  
Regulatory Engineering Supervisor

ADBond/dh  
cc: Offset Operator  
USGS-Durango

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO.		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Contract #96		
2. NAME OF OPERATOR Mobil Oil Corporation			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 3 Greenway Plaza-East, Suite 800, Houston, Texas 77046			8. FARM OR LEASE NAME Jicarilla H		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 874' FSL & 732' FEL Section 1, T26N, R3W At proposed prod. zone Same as surface			9. WELL NO. 4-A		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 732			11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 1, T26N, R3W		
16. NO. OF ACRES IN LEASE 2530.72			12. COUNTY OR PARISH Rio Arriba		
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 (2 wells)			13. STATE N. M.		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1881'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7085' - Ground			22. APPROX. DATE WORK WILL START* As soon as possible		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (new)	20# - Misco	0- 300'	(1) Circulate to surface
7-7/8"	4-1/2" (new)	9.5# - K-55	0-6350'	(2) Circulate to surface

## CEMENTING PROGRAM

- (1) Class C cement with 2% CaCl<sub>2</sub>
- (2) Cement in 2 stages using lite weight filler cement in the upper stage. In the lower stage a lite weight cement will be used tailed in with 250 sx. neat.

## MUD PROGRAM

Depth	Type of Mud	Weight	Viscosity	Water Loss
0'- 300'	Spud	8.8		
300'-6350'	Fresh Water Gel	8.8-9.1	30-50	10 c.c.

## BLOWOUT PREVENTER PROGRAM ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED A.D. Bond A.D. Bond TITLE Regulatory Engr. Coordinator DATE May 17, 1978

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

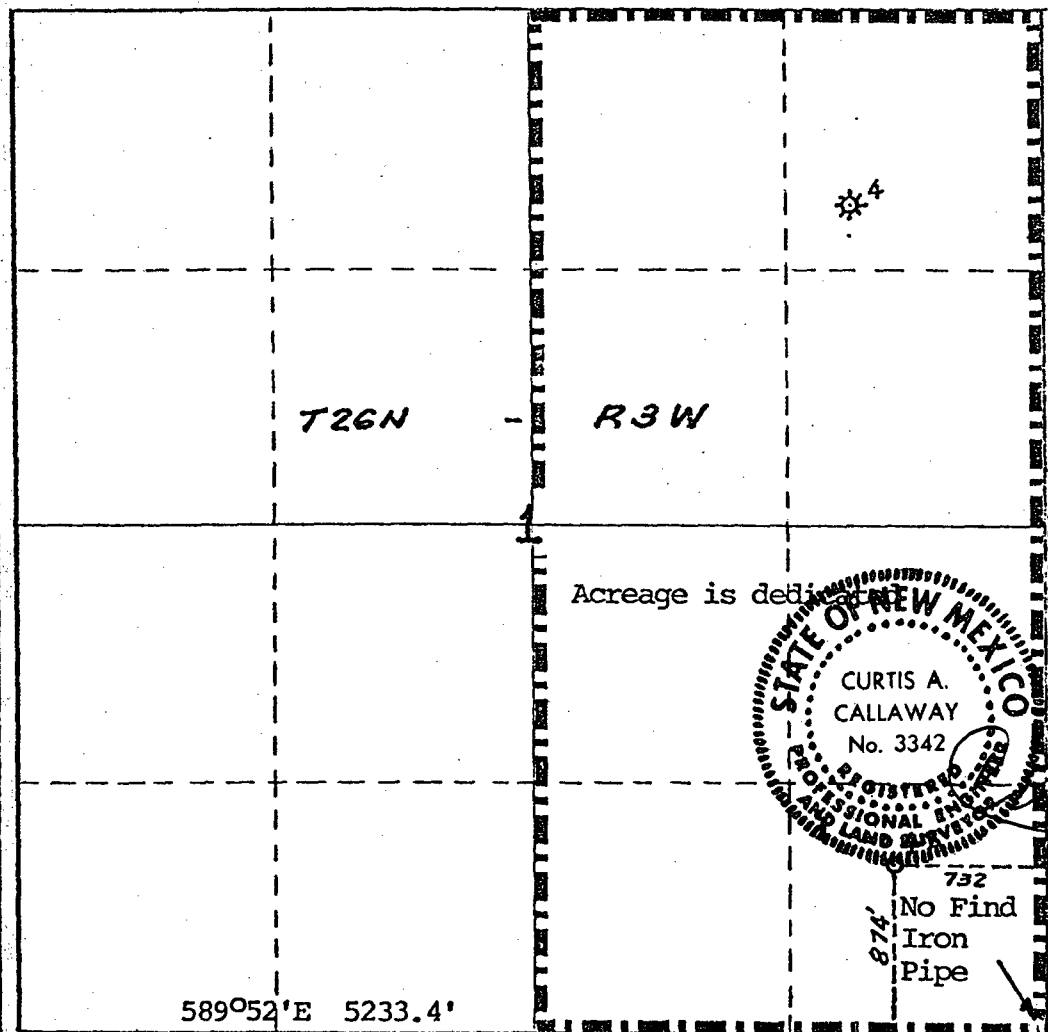
Operator <b>Mobil Oil Corporation</b>			Lease <b>Jicarilla H</b>		Well No. <b>4-A</b>
Unit Letter <b>P</b>	Section <b>1</b>	Township <b>26N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>874'</b> feet from the <b>South</b> line and <b>732'</b> feet from the <b>East</b> line					
Ground Level Elev. <b>7085'</b>	Producing Formation <b>Mesaverde</b>		Pool <b>Blanco Mesaverde</b>		Dedicated Acreage: <b>320 (2 wells)</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*A. D. Bond*  
Name

A. D. Bond

Position

Regulatory Engr. Coord.

Company

Mobil Oil Corporation

Date

May 17, 1978

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

*Curtis A. Callaway*

Date Surveyed

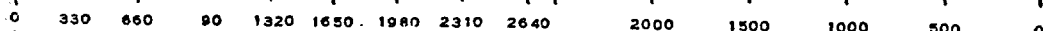
Feb. 17, 1978

Registered Professional Engineer and/or Land Surveyor

Curtis A. Callaway

Certificate No.

3342



R - 3 - W

Mobil

Jicarilla "G"

Mobil

Palmer O & G

T  
26  
N

Palmer O. & G.

N.

Palmer Oil & Gas

Palmer Oil & Gas

TIMBERED RIDGE

PACIFIC NW BURIED PL.

ROAD

Jicarilla "H"

Reserve \_\_\_\_\_ Permit depth \_\_\_\_\_

Special Instructions \_\_\_\_\_

Date work is commenced \_\_\_\_\_ 19 \_\_\_\_\_ Supt. \_\_\_\_\_

Location approved by \_\_\_\_\_ Plat by \_\_\_\_\_ Surveyed by \_\_\_\_\_

THE STATE OF TEXAS  
COUNTY OF HARRIS

I hereby certify that this plat truly represents conditions as they actually exist on this lease; that said plat which is drawn to the scale indicated hereon, is to the best of my knowledge true and correct; that it accurately shows said lease with all wells on same; that number and locations of said wells are as indicated hereon; and that this plat correctly reflects all pertinent and required data.

"Partial Plat"

**Mobil Oil Corporation**  
Houston E & P Division

LEASE Jicarilla "H"  
WELL NO. 4-A DATE 19  
DIVISION Houston LEASE NO. NM 45  
TOTAL ACRES IN LEASE 2530.72 ACRES COVERED BY PLAT  
DESCRIPTION All of Sec. 1, 2, 11 & 12  
T-26-N, R-3-W

Rio Arriba County, New Mexico

DRAWN RAS DATE 5-13-76 FIELD Blanco - Mesaverde  
SCALE 1"=1000' FILE NO. 112

# Mobil Oil Corporation

THREE GREENWAY PLAZA EAST - SUITE 800  
HOUSTON, TEXAS 77046

June 13, 1978

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey

7.01  
UNORTHODOX WELL LOCATION  
MOBIL OIL CORPORATION'S  
JICARILLA H LEASE, WELL #4-A  
BLANCO MESAVERDE POOL  
RIO ARriba COUNTY, NEW MEXICO

Gentlemen:

Attached are three copies of a waiver from the only operator offsetting the subject well. Accordingly, it is respectfully requested that the permit to drill this well be approved under the provisions of Rule 104F.

Yours very truly,



J. A. Morris  
Regulatory Engineering Supervisor

ADBond/fg  
Attachments

W A I V E R

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey

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JICARILLA H LEASE, WELL #4-A  
BLANCO MESAVERDE POOL  
RIO ARriba COUNTY, NEW MEXICO

Gentlemen:

We have received a copy of Mobil Oil Corporation's application to drill the subject well at an unorthodox location because of terrain. Please be informed that, as an offset operator to Mobil's Jicarilla "H" Lease, we have no objection to this well being drilled at the following location:

874' from the south line,  
732' from the east line,  
Unit P, Sec. 1, T26N, R3W,  
Rio Arriba County, New Mexico

Yours very truly,

PALMER OIL & GAS CO.

Representative Donald K. Roberts

Position: President

Signature: 

Date: June 6, 1978

W A I V E R

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey

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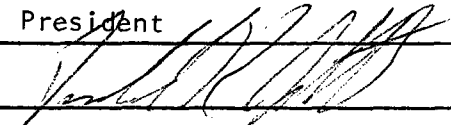
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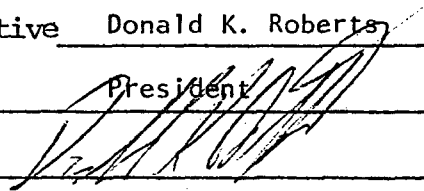
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