

# Mobil Oil Corporation

NINE GREENWAY PLAZA-SUITE 2700  
HOUSTON, TEXAS 77046

February 8, 1979

New Mexico Energy & Minerals Department (3)  
Oil Conservation Division  
State Land Office Building  
P. O. Box 2088  
Santa Fe, New Mexico 87501

*NSL -1015*  
*Rule 104 F*  
*3-12-79*

7.01  
UNORTHODOX LOCATION  
MOBIL OIL CORPORATION'S  
NAVAJO WELL #6  
UNDESIGNATED MISSISSIPPIAN POOL  
SAN JUAN COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests that permission be granted to drill the subject well at an unorthodox location due to terrain. An attempt was made to stake this well at a standard location (790 feet from the north line and 1850 feet from the east line of the section); however, rugged terrain to the south prevents a drill site in that direction without a large amount of additional dirt work.

Proposed well #6 has been staked as follows:

660 feet from the north line  
1980 feet from the east line of  
Sec. 3, T26N, R18W,  
San Juan County, New Mexico

Mobil requests that authority to drill this well be granted administratively under the provisions of Statewide Rule 104F.

In support of this request, the following items are submitted:

1. Form 9-331C - "Application to Drill"
2. Form C-102 - "Well Location and Acreage Dedication Plat"
3. Topography plat showing the terrain in the vicinity of this well.

FEB 11 1979

New Mexico Energy & Minerals Department  
Oil Conservation Division  
Page 2  
February 8, 1979

A copy of this letter and attachments are being sent to each offset operator by certified mail as their notice of this application and request for their waiver of objection. These offset operators are:

Consolidated Oil & Gas, Inc.  
1300 Lincoln Tower Building  
1860 Lincoln Street  
Denver, Colorado 80203

Saguaro Oil Company  
Box 51  
Farmington, New Mexico 87401

Yours very truly,



J. A. Morris  
Regulatory Engineering Supervisor

ADBond/cbb

Attachments

cc: Consolidated Oil & Gas, Inc.  
Saguaro Oil Company  
USGS- Farmington

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Mobil Oil Corporation

3. ADDRESS OF OPERATOR  
 Nine Greenway Plaza, Suite 2700; Houston, Texas 77046

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1980' FEL & 660' FNL, Sec. 3, T26N, R18W  
 At proposed prod. zone  
 Same as surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 660'

16. NO. OF ACRES IN LEASE  
 1440

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 6404'

19. PROPOSED DEPTH  
 7000'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 Ground - 5624'

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
17 1/2"	13 3/8"	48# H-40	0-100'	1) Circulate to surface
12 1/4"	8 5/8"	24# K-55	0-1600'	2) Circulate to surface
7 7/8"	5 1/2"	14# K-55	0-5400'	3) Circulate to 1575'
		15.5# K-55	5400-7000'	

- 1) Class H Neat with 2% CaCl<sub>2</sub>
- 2) Class B with 8% gel & 2% CaCl<sub>2</sub> Tail in with 100 sx. Class B Neat w/2% CaCl<sub>2</sub>
- 3) Class H with 7% salt sx.

Blowout Preventer and Mud Programs 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 Engineering Coordinator II DATE 2-7-79

(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>Navajo</b>		Well No. <b>6</b>	
Unit Letter <b>B</b>	Section <b>3</b>	Township <b>26N</b>	Range <b>18W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>660'</b> feet from the <b>North</b> line and <b>1980'</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5624'</b>	Producing Formation <b>Mississippian</b>		Pool <b>Undesignated</b>	Dedicated Acreage: <b>160</b> Acres	

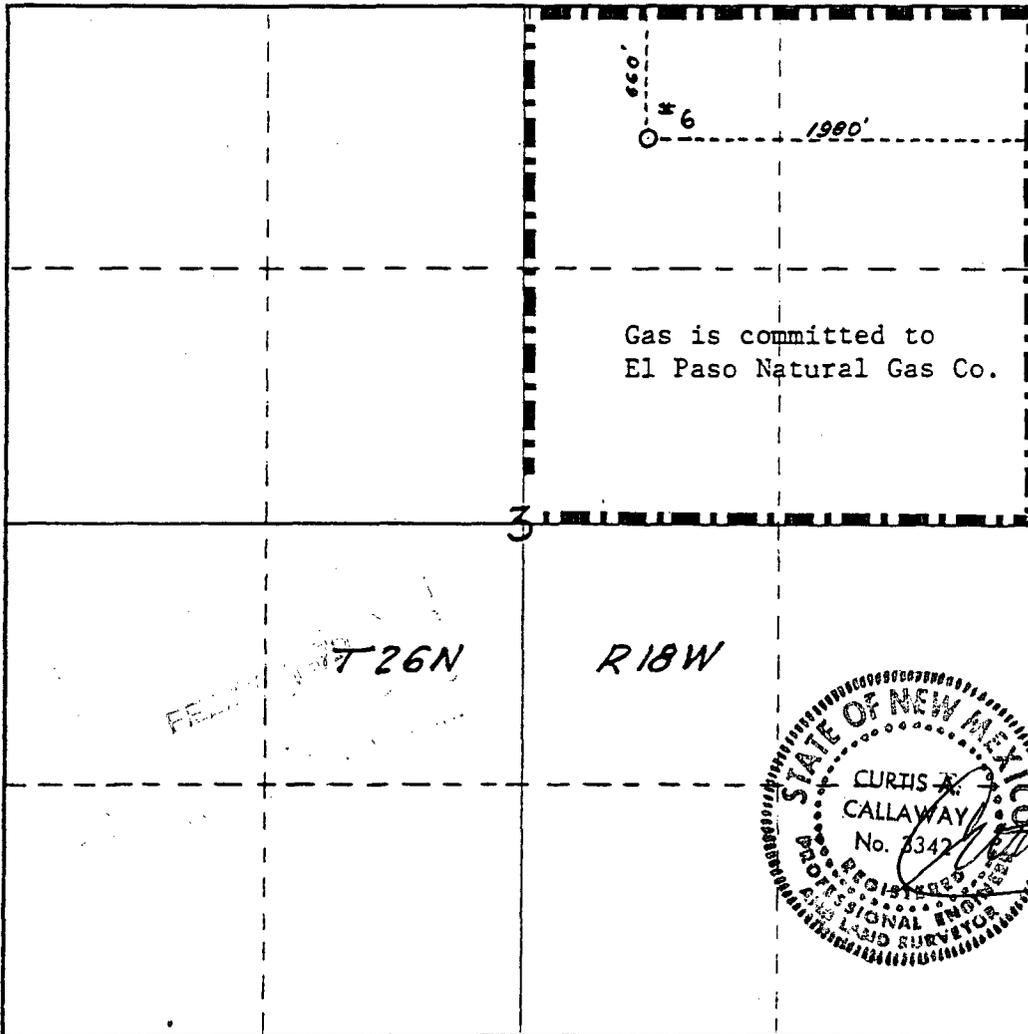
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

East - 5288'



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 Engineering Coordinator II

Company: Mobil Oil Corporation

Date: February 7, 1979

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

January 30, 1979  
Registered Professional Engineer and/or Land Surveyor

Curtis A. Callaway

Certificate No.

3342

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

# ENGINEERS CALCULATION SHEET

FOR \_\_\_\_\_

JOB OR AUTH. No. \_\_\_\_\_

LOCATION NAVAJO #6, 660' FNL & 1980' FEL,  
SEC. 3, T-26N, R-18W, SAN JUAN CO., N. MEX.

PAGE \_\_\_\_\_

SUBJECT USE OF ALTERNATE LOCATION DUE  
TO TERRAIN PROBLEMS

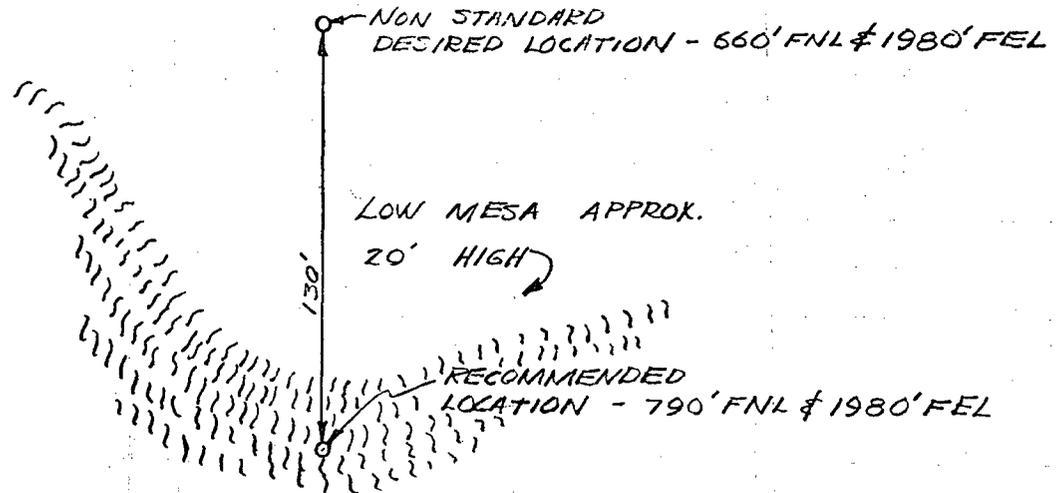
DATE 2-9-79

BY RMH



SEC. 3, T-26N, R-18W  
SAN JUAN CO., N. MEX.

NAVAJO #6



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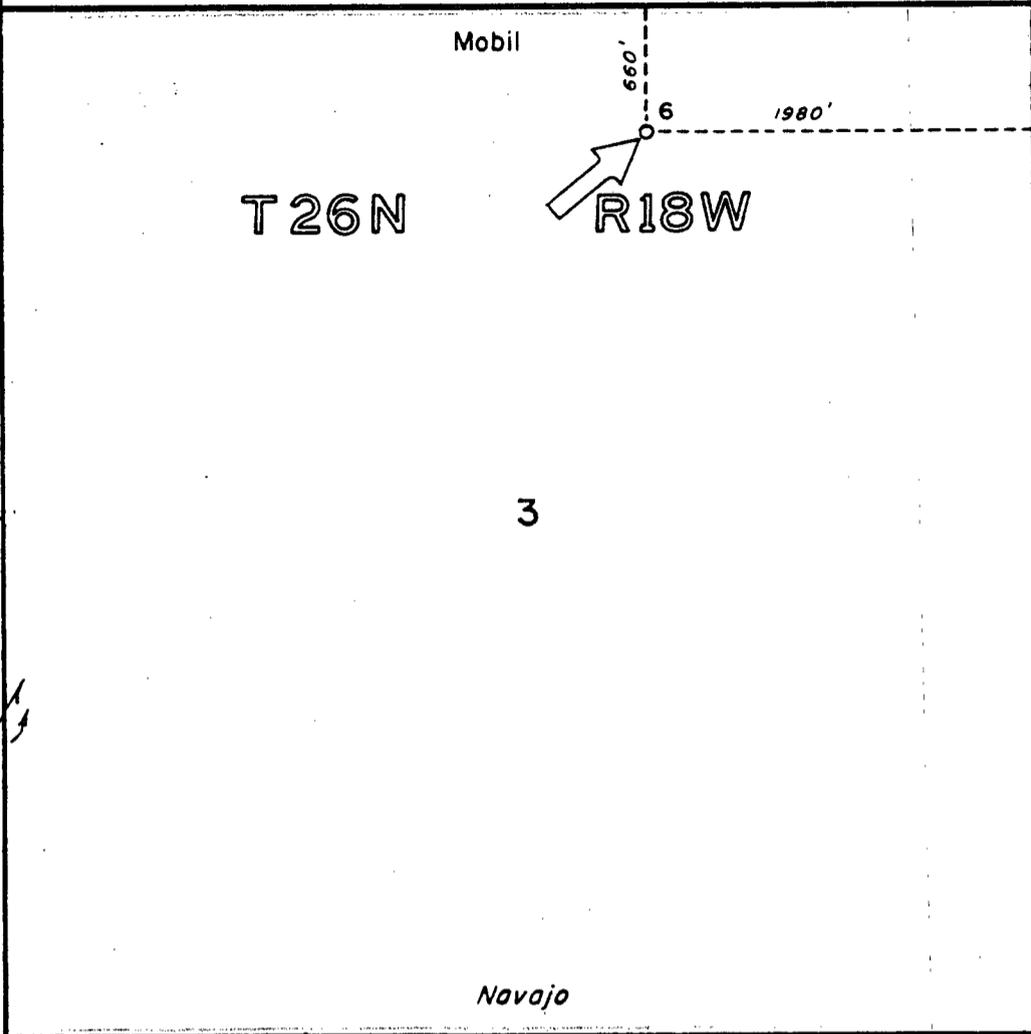
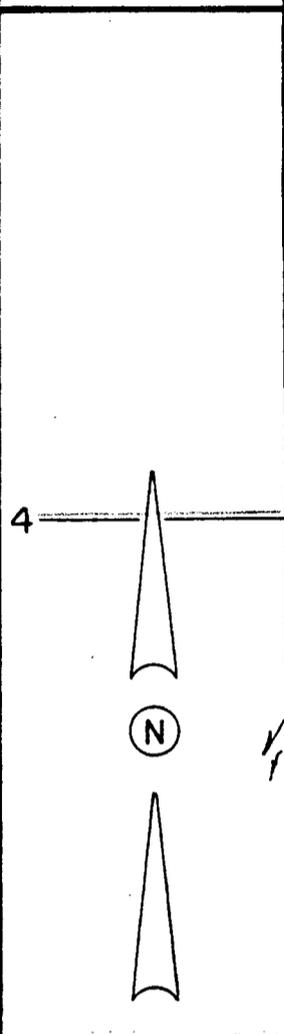
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Saguaro Oil Company

Consolidated Oil & Gas, Inc.

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Gulf Coast Prod. Co.

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Reserve \_\_\_\_\_

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

Permit Depth 7000'

12

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.

*AD Bond*

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

LEASE Navajo

WELL NO. 6 DATE 2-20 19 79

DIVISION Houston LEASE NO. NM-III

TOTAL ACRES IN LEASE 1440 ACRES COVERED BY PLAT \_\_\_\_\_

DESCRIPTION Sec. 3, S/2 Sec. 4, S/2 & NW/4 Sec. 9 & SE/4 Sec. 10. (Check lease report for interest in the formation other than Penn "D")

San Juan County, New Mexico

DRAWN <u>JBK</u>	DATE <u>11-23-77</u>	FIELD <u>Tocito Dome</u>
SCALE <u>1"=1000'</u>	FILE NO. <u>92</u>	<u>Penn "D"</u>

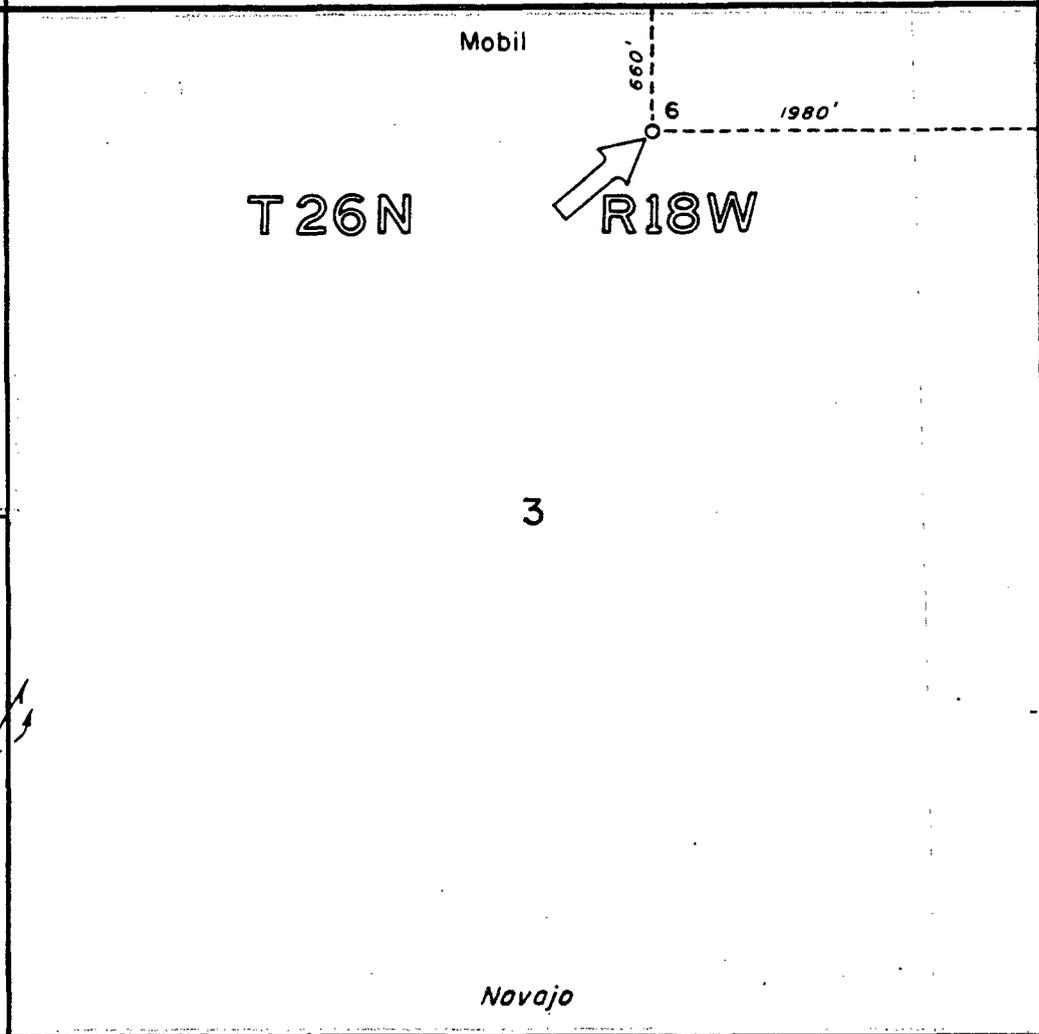
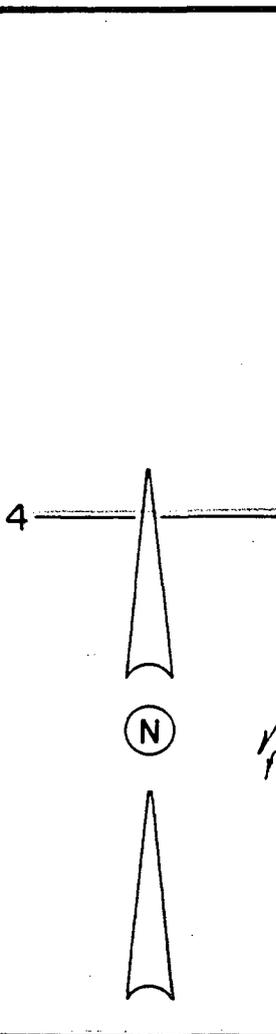
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Saguaro Oil Company

Consolidated Oil & Gas, Inc.

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Gulf Coast Prod. Co.

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Reserve \_\_\_\_\_ Permit Depth 7000'

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

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*As Bond*

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Houston E&P Division

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STATE OF NEW MEXICO  
 ENERGY AND MINERALS DEPARTMENT  
 OIL CONSERVATION DIVISION

February 26, 1979

JERRY APODACA  
 GOVERNOR

NICK FRANKLIN  
 SECRETARY

POST OFFICE BOX 2088  
 STATE LAND OFFICE BUILDING  
 SANTA FE, NEW MEXICO 87501  
 (505) 827-2434

Mobil Oil Corporation  
 Nine Greenway Plaza, Suite 2700  
 Houston, Texas 77046

Attention: J. A. Morris

Re: Application for Non-Standard  
 Location: Navajo Well No. 6,  
Sec. 3, T-26-N, R-18-W  
San Juan County, New Mexico

We may not process the subject application for non-standard location until the required information or plats checked below (is) (are) submitted.

\*  A plat must be submitted clearly showing the ownership of the offsetting leases.

A statement must be submitted that offset owners have been notified of the application by certified mail.

A plat must be submitted fully identifying the topography necessitating the non-standard location.

Other:

\* *Plat with offset info. attached w/ bond*

Very truly yours,

*R. L. Stamets*

R. L. STAMETS  
 Technical Support Chief

*3-1-79*

RECEIVED  
 MAR 05 1979

OIL CONSERVATION DIVISION  
 SANTA FE

RLS/dr

RECEIVED  
 REGULATORY ENGINEERING  
 MAR 1 1979

ADB	TJO
LSH	WBS
JAM	HFW