

# Mobil Oil Corporation

P. O. BOX 633  
MIDLAND, TEXAS 79701

June 13, 1974

*NSL-671*

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

*104 F*

*New July 1*

*Federal Land*

Attention: Mr. A. L. Porter, Jr.

APPLICATION FOR UNORTHODOX LOCATION  
DUE TO TOPOGRAPHICAL CONDITIONS,  
MOBIL'S FEDERAL 12 COM WELL #1  
UNDESIGNATED MORROW GAS POOL,  
EDDY COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests your approval to drill the subject well at an unorthodox location due to topographical conditions, under the provisions of Rule 104 (f).

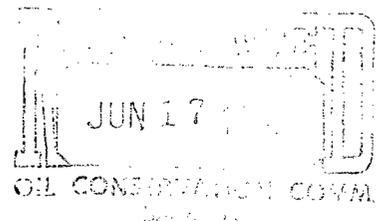
As shown on the attached plat, the proposed location is located 660 ft from the north line and 660 ft from the east line of Section 12, T21S, R26E, Eddy County, New Mexico. The subject well is proposed to be a single Morrow completion with the N/2 of said Section 12 to be dedicated to the well.

The proposed location is located in an unorthodox position due to the Avalon Reservoir. The United States Bureau of Reclamation lease stipulations prohibit the drilling of a well within one-half mile of any dam, dike or major structure and within an area established by a line 300 feet beyond the high-water line of the Avalon Reservoir. The high-water line is further defined as contour elevation 3180 feet, which is 2.0 feet above the crest of spillway No. 1.

Mobil originally submitted application for approval of the subject well in the SE/4 of Section 12; however, due to objections by other working interest owners in Section 12, Mobil cancelled that application.

The following items supporting this request are herein submitted in triplicate:

- 1- Form C-102, Well Location and Acreage Dedication Plat.
- 2- Form 9-331-C (Federal Form), Application to Drill, Deepen or Plug Back.

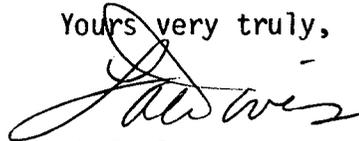


Page 2  
New Mexico Oil Conservation Commission  
Santa Fe, New Mexico  
June 13, 1974

- 3- Plat showing the topographical features and offset operators.
- 4- Address list of the offset operators.

A copy of this letter and attachments are being sent to each offset operator, by certified mail, requesting waiver of objection to the proposed unorthodox location.

Yours very truly,



L. A. Davis  
Area Operations Engineer

JHSeerey/cs  
Attachments

cc: NMOCC - Artesia - w/attach. ✓  
Offset Operators - "  
USGS - Artesia - "

**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.

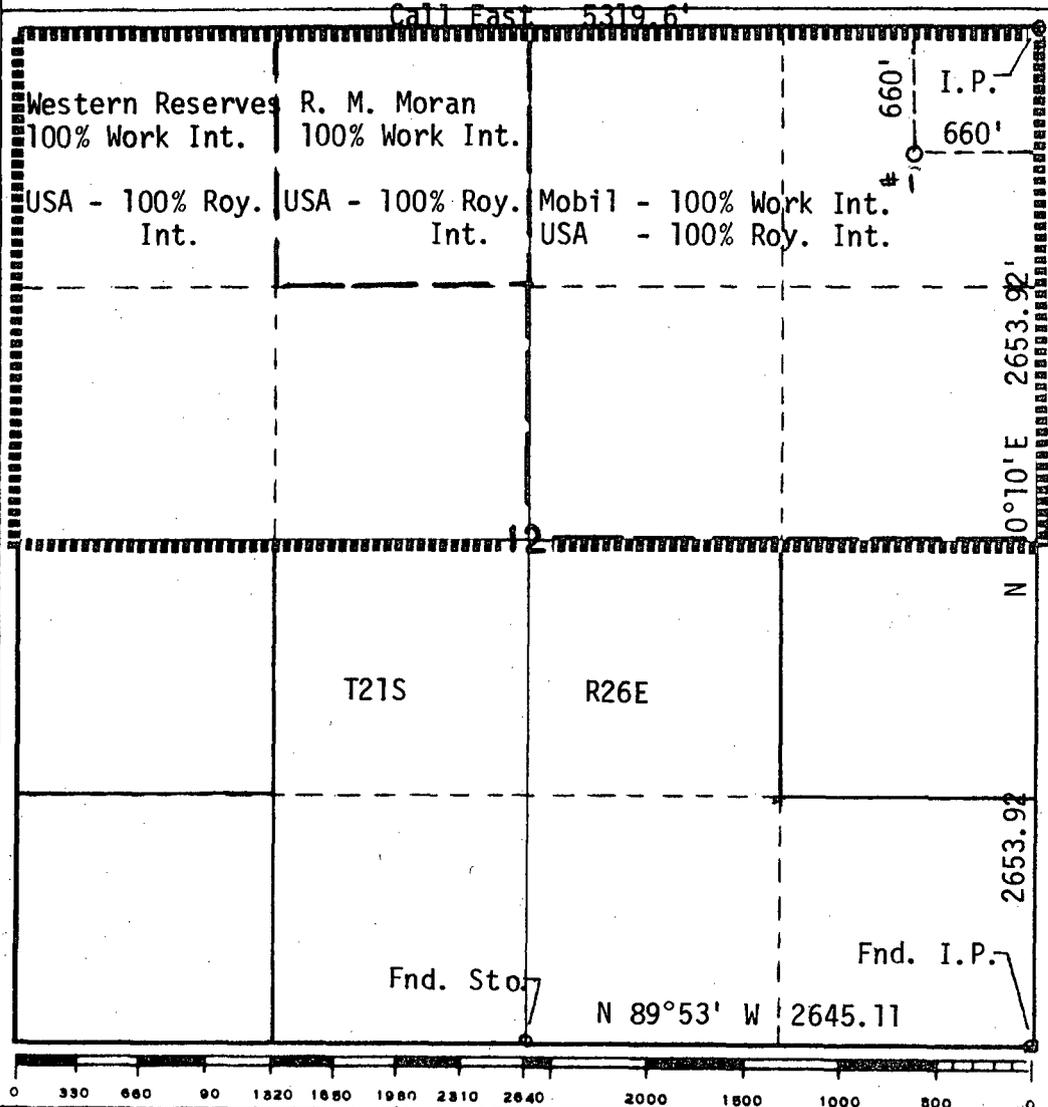
Operator <b>Mobil Oil Corporation</b>		Lease <b>Federal 12 Com</b>			Well No. <b>1</b>
Tract Letter <b>A</b>	Section <b>12</b>	Township <b>21S</b>	Range <b>26E</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>660'</b> feet from the <b>East</b> line					
Ground Elevation <b>3187.5</b>	Producing Formation <b>Morrow</b>	Pool <b>Undesignated</b>		Dedicated Acreage <b>320</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 Communitization Pending

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.



<b>CERTIFICATION</b>	
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
Name	<i>J. H. Seerey</i>
Position	<b>Associate Engineer</b>
Company	<b>Mobil Oil Corporation</b>
Date	<b>June 12, 1974</b>
<i>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.</i>	
Date Surveyed	<i>J. F. Godfrey, Jr.</i> <b>June 4, 1974</b>
Registered Professional Engineer and/or Land Surveyor	
<b>J. F. Godfrey, Jr.</b>	
Certificate No.	<b>2663</b>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
3606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Federal 12 Com

8. FARM OR LEASE NAME

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 12, T21S, R26E

12. COUNTY OR PARISH  
Eddy

13. STATE  
New Mexico

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  
P. O. Box 633, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
660' FNL & 660' FEL, Sec. 12, T21S, R26E  
At proposed prod. zone  
Same as Surface

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

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

16. NO. OF ACRES IN LEASE 320

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

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

19. PROPOSED DEPTH 11,500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3187.5 Ground

22. APPROX. DATE WORK WILL START\* As soon as possible

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 - 500'	(1) Circulate to Surface
12-1/4"	9-5/8"	36# - K-55	0 - 2500'	(2) Circulate to Surface
7-7/8"	5-1/2"	17# - K-55	0 - 7800'	(3) Circulate to Surface
7-7/8"	5-1/2"	17# - N-80	7800'-10800'	
7-7/8"	5-1/2"	17# - S-95	10800'-11500'	

CEMENT PROGRAM:

- (1) Class H with 2% CaCl<sub>2</sub>.
- (2) Light weight slurry and tail in with Class H Neat.
- (3) TLW mixed at 12.1#/gal and tail in with Class H Neat.

BLOWOUT PREVENTER AND MUD PROGRAM ATTACHED

Because of Lake Avalon this well is to be drilled at an unorthodox location. Application for exception to the spacing rule is being filed with the New Mexico Oil Conservation Commission.

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 J. H. Seerey J. H. Seerey TITLE Associate Engineer DATE June 13, 1974

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

PROPOSED MUD PROGRAM &  
 BLOWOUT PREVENTER PROGRAM  
 FOR MOBIL OIL CORPORATION'S  
 FEDERAL 12 COM WELL #1  
 UNDESIGNATED POOL  
 EDDY COUNTY, NEW MEXICO

---

MUD PROGRAM:

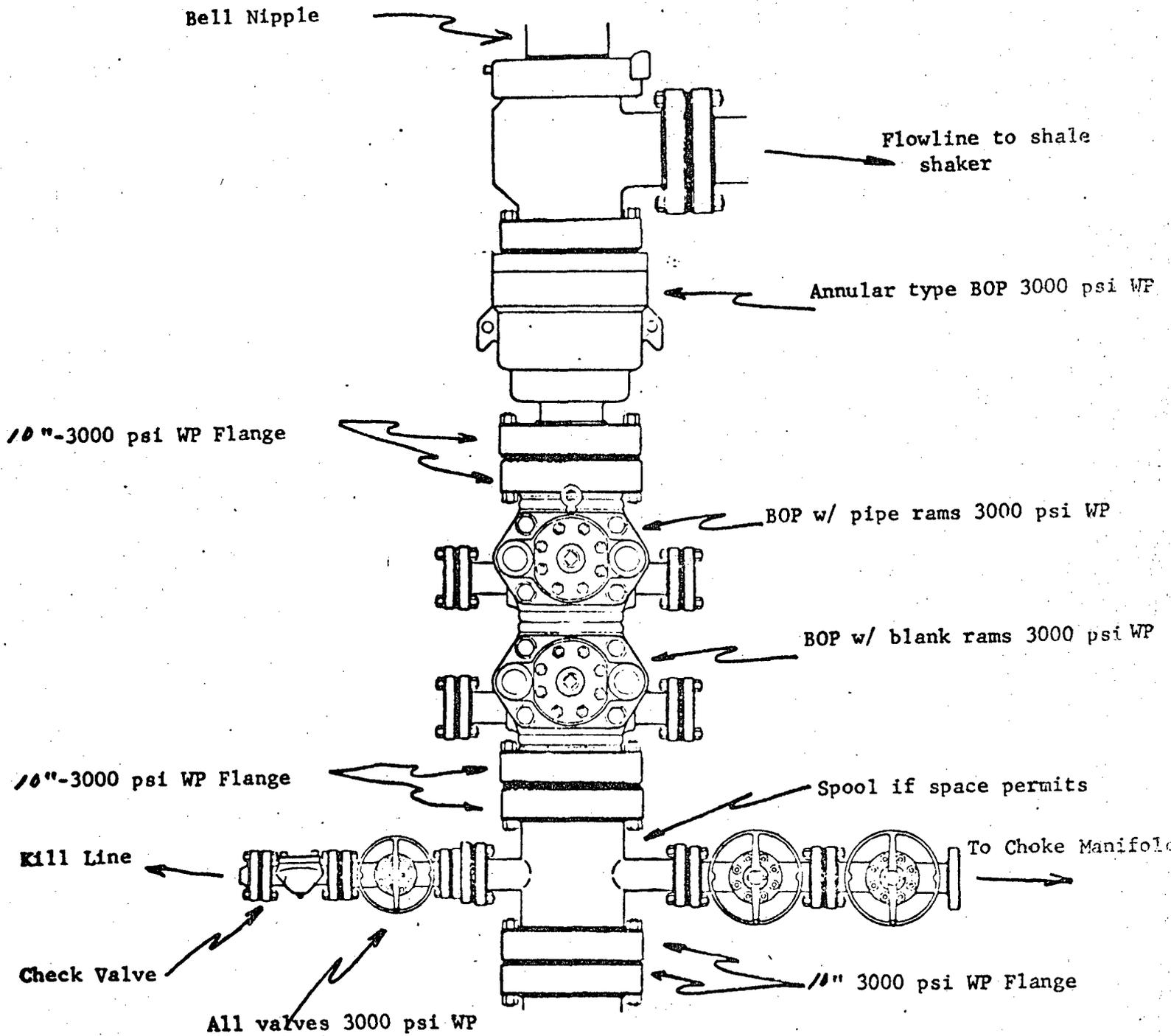
<u>From</u>	<u>TO</u>	<u>Type Mud</u>	<u>Weight</u>	<u>Viscosity</u>	<u>PH</u>	<u>Water Loss</u>
0	350	Spud mud	No control			
350	2500	Fr Water				
2500	8500	Fr Water				
8500	TD	Br Wtr - polymer	9.0-10.3	30-38	9+	15 cc

BLOWOUT PREVENTER PROGRAM:

<u>Casing String</u>	<u>Equip. Size &amp; API Series</u>		<u>No. &amp; Type</u>	<u>Test Press. PSI</u>
Surface	12"	600	1-blank & 1-pipe ram	1000
Intermediate (9-5/8)	10"	900	1-hydril, 1-blank & 1-pipe ram	3000

PROPOSED BOP STACK

9 5/8 " CASING

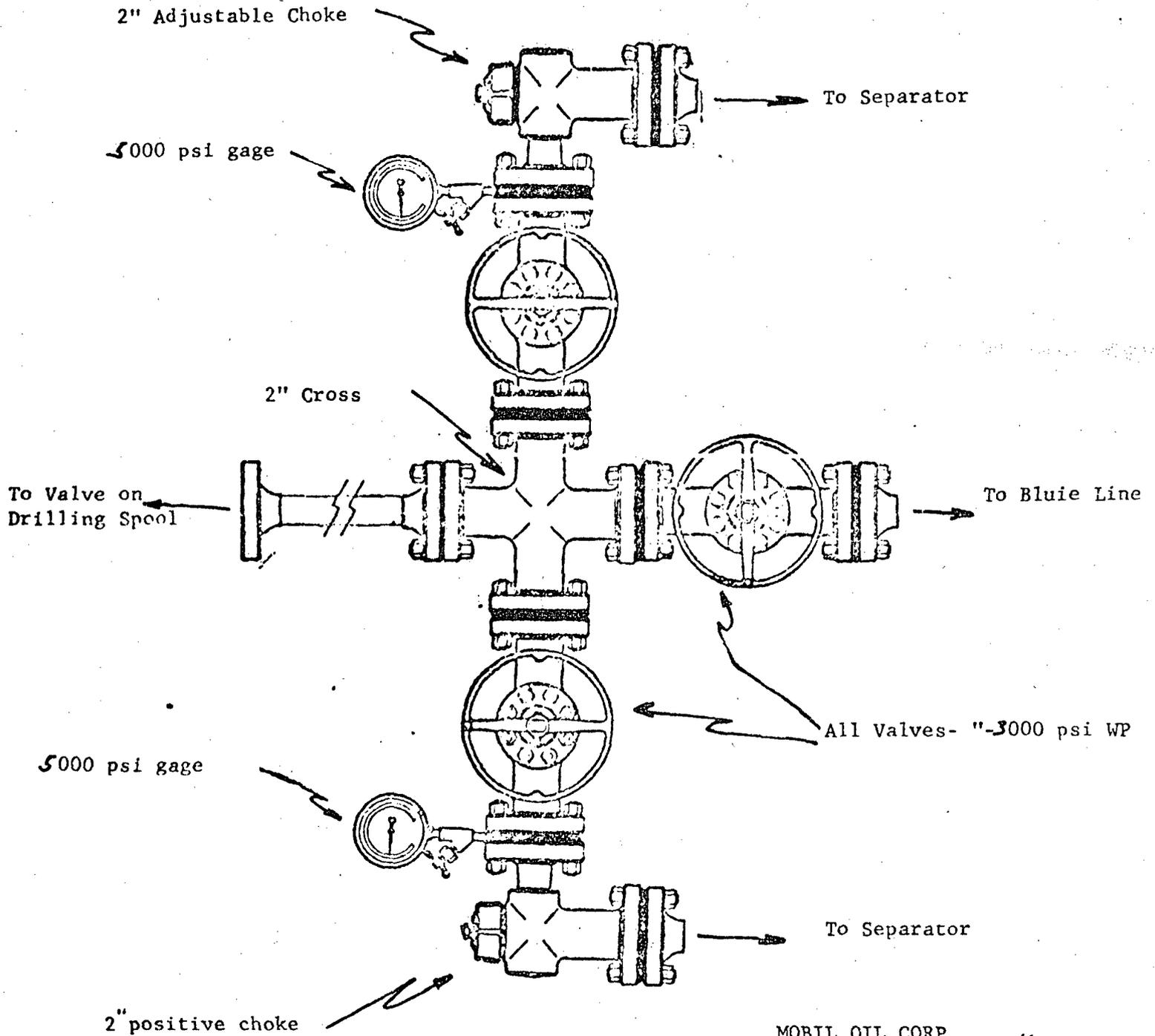


MOBIL OIL CORP.

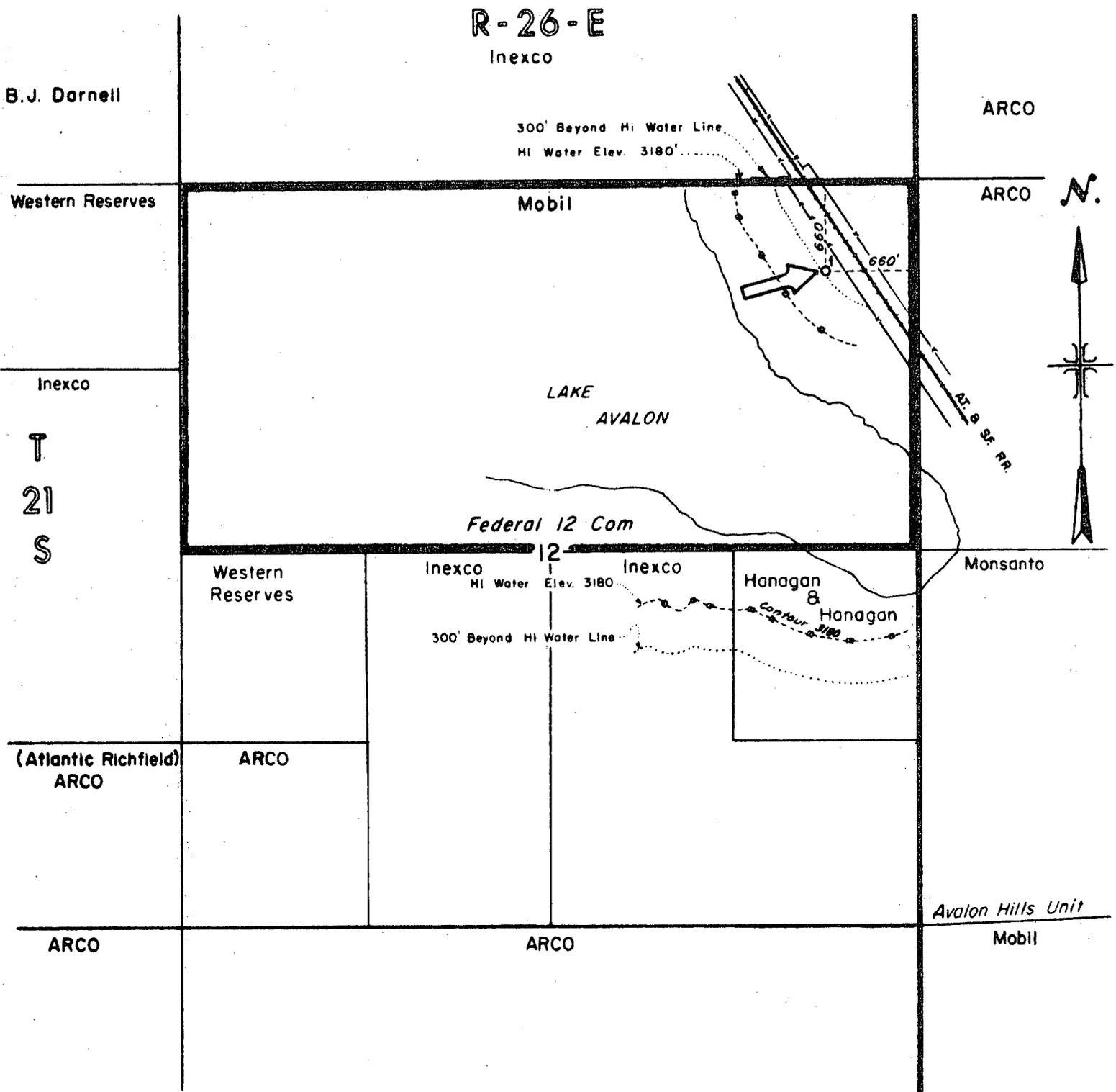
WELL NAME & NO. Fed 12 Com #1

Eddy COUNTY, New Mexico

PROPOSED CHOKE MANIFOLD  
(MINIMUM REQUIREMENTS)  
9 5/8 " CASING STRING



MOBIL OIL CORP.  
WELL NAME & NO. Fed 12' Con #1  
Eddy COUNTY, New Mexico



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

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

\_\_\_\_\_

\_\_\_\_\_

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

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

THE STATE OF TEXAS  
COUNTY OF MIDLAND

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.

**Mobil Oil Corporation**

MIDLAND PRODUCING AREA - MIDLAND, TEXAS

LEASE FEDERAL 12 COM

WELL NO. \_\_\_\_\_ DATE \_\_\_\_\_ 19\_\_\_\_

DIVISION \_\_\_\_\_ LEASE NO. \_\_\_\_\_

TOTAL ACRES IN LEASE 320 ACRES COVERED BY PLAT 320

DESCRIPTION N/2 Sec. 12, T 21 S, R 26 E

EDDY COUNTY, NEW MEXICO

DRAWN <u>RAS</u>	DATE <u>4-24-74</u>	FIELD <u>UNDESIGNATED</u>
SCALE <u>1" = 1000'</u>	FILE NO. <u>93</u>	

ADDRESS LIST

MOBIL OIL CORPORATION'S  
FEDERAL 12 COM, WELL #1  
UNDESIGNATED (MORROW) POOL  
EDDY COUNTY, NEW MEXICO

---

Atlantic Richfield Co.  
P. O. Box 1610  
Midland, Texas 79701

B. J. Darnell  
1003 Cravens Bldg.  
Oklahoma City, Oklahoma 73102

Hanagan & Hanagan  
P. O. Box 1737  
Roswell, New Mexico 88201

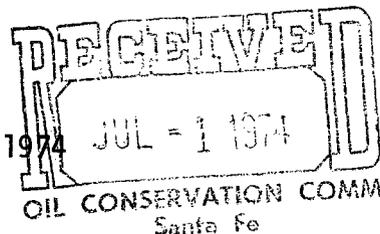
Inexco Oil Company  
1100 Milam Bldg.  
Houston, Texas 77002

Monsanto Company  
101 North Marienfeld  
Midland, Texas 79701

Western Reserves Oil Company  
P. O. Box 993  
Midland, Texas 79701

# Mobil Oil Corporation

P.O. BOX 633  
MIDLAND, TEXAS 79701



June 28, 1974

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

Attention: Mr. A. L. Porter, Jr.

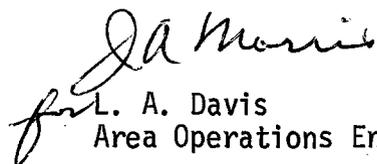
UNORTHODOX LOCATION  
MOBIL OIL CORPORATION'S  
FEDERAL 12 COM WELL #1  
UNDESIGNATED MORROW GAS POOL  
EDDY COUNTY, NEW MEXICO

Gentlemen:

Attached are waivers from all offset lease holders and/or operators waiving objection to the subject well. A rig is now ready to move in on this well. In order to avoid paying standby rig time, your early approval of this location will be appreciated.

Please refer to Mobil's letter dated June 13, 1974 for additional information concerning this matter.

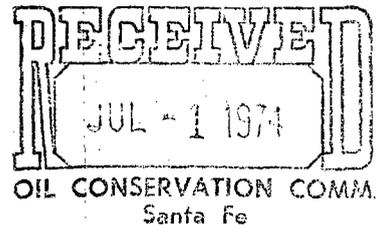
Yours very truly,

  
J. A. Davis  
Area Operations Engineer

ADBond/cs  
Attachments

cc: NMOCC - Artesia  
USGS - Artesia

W A I V E R



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

Attention: Mr. A. L. Porter, Jr.

UNORTHODOX WELL LOCATION  
MOBIL OIL CORPORATION'S  
FEDERAL 12 COM, WELL #1  
UNDESIGNATED MORROW POOL  
EDDY COUNTY, NEW MEXICO

Gentlemen:

The undersigned has been furnished a copy of Mobil Oil Corporation's application to drill the subject well at an unorthodox location caused by Avalon Reservoir. Please be informed that as an offset lease holder and/or operator we have no objection to the Commission approving this location. It is our understanding that this well will be located:

660 ft from the north line and 660 ft  
from the east line of Sec. 12, T21S, R26E,  
Eddy County, New Mexico.

Yours very truly,

Company: ATLANTIC RICHFIELD COMPANY

Representative: C. R. Leggott, Jr.

Signature: *C.R. Leggott Jr.*

Title or Position: District Engineer

Date: June 24, 1974

W A I V E R

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

Attention: Mr. A. L. Porter, Jr.

UNORTHODOX WELL LOCATION  
MOBIL OIL CORPORATION'S  
FEDERAL 12 COM, WELL #1  
UNDESIGNATED MORROW POOL  
EDDY COUNTY, NEW MEXICO

Gentlemen:

The undersigned has been furnished a copy of Mobil Oil Corporation's application to drill the subject well at an unorthodox location caused by Avalon Reservoir. Please be informed that as an offset lease holder and/or operator we have no objection to the Commission approving this location. It is our understanding that this well will be located:

660 ft from the north line and 660 ft  
from the east line of Sec. 12, T21S, R26E,  
Eddy County, New Mexico.

Yours very truly,

Company: \_\_\_\_\_

Representative: \_\_\_\_\_

Signature: *D. Basnell*

Title or Position: \_\_\_\_\_

Date: \_\_\_\_\_

W A I V E R

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

Attention: Mr. A. L. Porter, Jr.

UNORTHODOX WELL LOCATION  
MOBIL OIL CORPORATION'S  
FEDERAL 12 COM, WELL #1  
UNDESIGNATED MORROW POOL  
EDDY COUNTY, NEW MEXICO

Gentlemen:

The undersigned has been furnished a copy of Mobil Oil Corporation's application to drill the subject well at an unorthodox location caused by Avalon Reservoir. Please be informed that as an offset lease holder and/or operator we have no objection to the Commission approving this location. It is our understanding that this well will be located:

660 ft from the north line and 660 ft  
from the east line of Sec. 12, T21S, R26E,  
Eddy County, New Mexico.

RECEIVED			
OPERS. ENGINEERING			
JUN 23 1974			
OE	PROR.	CIRC.	
PE		XC's	
FE		FILE	

Yours very truly,

Company: Bobby J. Darnell

Representative: \_\_\_\_\_

Signature: Bobby J. Darnell

Title or Position: \_\_\_\_\_

Date: 6/20/74

The above named Bobby J. Darnell has assigned the S/2 SE/4 and NE/4 SE/4 of Section 2, T-21-S, R-26-E, Eddy County, New Mexico to Clayton W. Williams, Jr., P.O. Box 1621, Fort Stockton, Texas. This endorsement will serve to advise the New Mexico Conservation Commission that the said Clayton W. Williams, Jr., as an offset lease holder, has no objection to the Commission approving the location requested above.

CLAYTON W. WILLIAMS, JR.

BY: W. Wayne Roy

W. Wayne Roy  
Exploration Manager

Dated: 6/25/74

W A I V E R

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

Attention: Mr. A. L. Porter, Jr.

UNORTHODOX WELL LOCATION  
MOBIL OIL CORPORATION'S  
FEDERAL 12 COM, WELL #1  
UNDESIGNATED MORROW POOL  
EDDY COUNTY, NEW MEXICO

Gentlemen:

The undersigned has been furnished a copy of Mobil Oil Corporation's application to drill the subject well at an unorthodox location caused by Avalon Reservoir. Please be informed that as an offset lease holder and/or operator we have no objection to the Commission approving this location. It is our understanding that this well will be located:

660 ft from the north line and 660 ft  
from the east line of Sec. 12, T21S, R26E,  
Eddy County, New Mexico.

Yours very truly,

Company: Harayan & Harayan

Representative: \_\_\_\_\_

Signature: Robert P. Harayan

Title or Position: Partner

Date: 6/16/74

W A I V E R

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

Attention: Mr. A. L. Porter, Jr.

UNORTHODOX WELL LOCATION  
MOBIL OIL CORPORATION'S  
FEDERAL 12 COM, WELL #1  
UNDESIGNATED MORROW POOL  
EDDY COUNTY, NEW MEXICO

Gentlemen:

The undersigned has been furnished a copy of Mobil Oil Corporation's application to drill the subject well at an unorthodox location caused by Avalon Reservoir. Please be informed that as an offset lease holder and/or operator we have no objection to the Commission approving this location. It is our understanding that this well will be located:

660 ft from the north line and 660 ft  
from the east line of Sec. 12, T21S, R26E,  
Eddy County, New Mexico.

Yours very truly,

Company: INEXCO OIL COMPANY

Representative: Fred G. VanMatre

Signature: Fred G. VanMatre *Ref*

Title or Position: Engineering Manager

Date: June 19, 1974

W A I V E R

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

Attention: Mr. A. L. Porter, Jr.

UNORTHODOX WELL LOCATION  
MOBIL OIL CORPORATION'S  
FEDERAL 12 COM, WELL #1  
UNDESIGNATED MORROW POOL  
EDDY COUNTY, NEW MEXICO

Gentlemen:

The undersigned has been furnished a copy of Mobil Oil Corporation's application to drill the subject well at an unorthodox location caused by Avalon Reservoir. Please be informed that as an offset lease holder and/or operator we have no objection to the Commission approving this location. It is our understanding that this well will be located:

660 ft from the north line and 660 ft  
from the east line of Sec. 12, T21S, R26E,  
Eddy County, New Mexico.

Yours very truly,

Company: MONSANTO COMPANY

Representative: E. M. SCHOLL

Signature: 

Title or Position: District Production Mgr.

Date: June 28, 1974

W A I V E R

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

Attention: Mr. A. L. Porter, Jr.

UNORTHODOX WELL LOCATION  
MOBIL OIL CORPORATION'S  
FEDERAL 12 COM, WELL #1  
UNDESIGNATED MORROW POOL  
EDDY COUNTY, NEW MEXICO

Gentlemen:

The undersigned has been furnished a copy of Mobil Oil Corporation's application to drill the subject well at an unorthodox location caused by Avalon Reservoir. Please be informed that as an offset lease holder and/or operator we have no objection to the Commission approving this location. It is our understanding that this well will be located:

660 ft from the north line and 660 ft  
from the east line of Sec. 12, T21S, R26E,  
Eddy County, New Mexico.

Yours very truly,

Company: WESTERN RESERVES OIL COMPANY

Representative: R. C. Beveridge

Signature: 

Title or Position: Sole General Partner

Date: June 20, 1974

NSL-671

OIL CONSERVATION COMMISSION  
Artesia DISTRICT

OIL CONSERVATION COMMISSION  
BOX 871  
SANTA FE, NEW MEXICO

DATE 7-2-74

Re: Proposed NSP \_\_\_\_\_

Proposed NWU \_\_\_\_\_

Proposed NSL X \_\_\_\_\_

Proposed NFO \_\_\_\_\_

Proposed DC \_\_\_\_\_

Gentlemen:

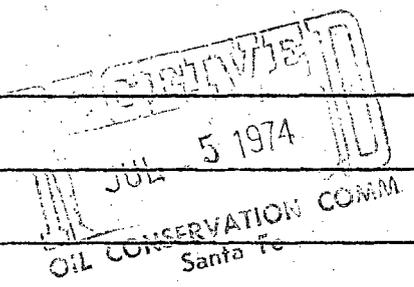
I have examined the application dated 6-13-74

for the Mobil Oil Corp. Federal 12 Com. #1-A, 12-21-26  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approval

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Yours very truly,

*W.A. Gressitt*