

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

Tenneco Oil Company E &amp; P WRMB

## 3. ADDRESS OF OPERATOR

P. O. Box 3249, Englewood, CO 80155

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface 2180' FSL, 1450' FEL

At proposed prod. zone

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

18 Miles East Aztec, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1450'

## 16. NO. OF ACRES IN LEASE

1201.66

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320A E320.50

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

## 19. PROPOSED DEPTH

± 7670'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6232' GR

## 22. APPROX. DATE WORK WILL START\*

## 23.

This action is subject to administrative  
appeal pursuant to 50 CFR 200.  
PROPOSED CASING AND CEMENTING PROGRAMDRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"  
QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36.0#	± 325'	Circ. cmt to surface
8 3/4"	7"	23.0#	± 3700	Circ. cmt to surface - 2 stg
6 1/4"	4 1/2"	11.60 & 10.50#	± 7670	Circ. cmt to liner top

See attached drilling procedure  
Gas is dedicatedRECEIVED  
MAR 18 1985  
OIL CON. DIV.  
DIST. 3

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

Scott McKinnis

TITLE

Sr. Regulatory Analyst

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

NSL 1987  
ahs

TITLE

APPROVED
AS AMENDED
FEB 27 1985
DATE
Stan McKee
AREA MANAGER FARMINGTON RESOURCE AREA

NMOC

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

Operator <b>TENNECO OIL COMPANY</b>			Lease <b>MOORE</b>		Well No. <b>7E</b>
Unit Letter <b>J</b>	Section <b>4</b>	Township <b>30N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>2180</b> feet from the <b>South</b> line and <b>1450</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6232</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320A</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.

**RECEIVED**  
MAR 18 1985  
OIL CON. DIV.  
DIST. 3.

Sec. **SF-078580-A**

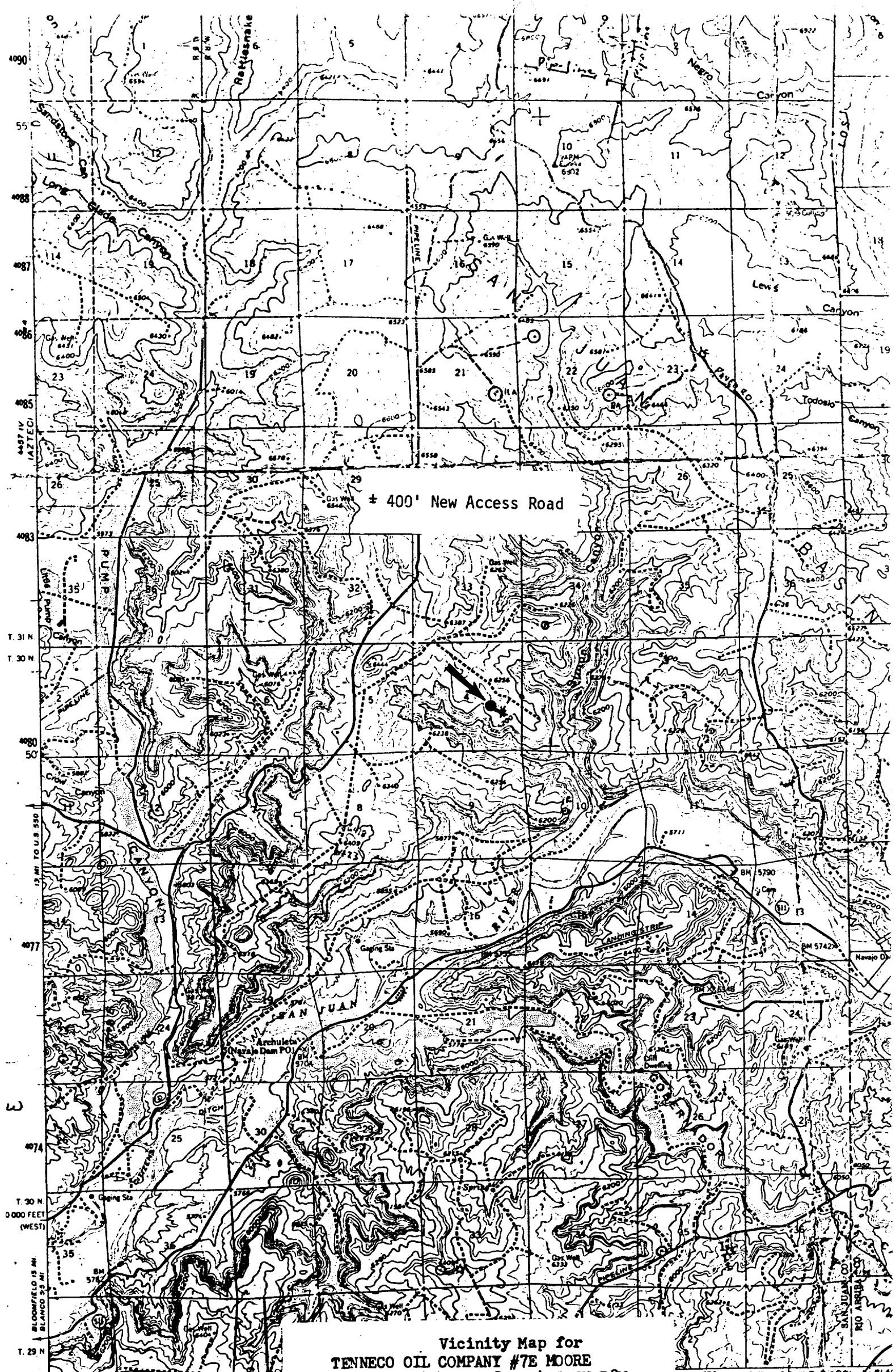
Tenneco .50%  
Conoco .37%  
P. P. .13%

**RECEIVED**  
JAN 24 1985  
BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

**4** **1450'** **2180'**

Scale: 1"=1000'

<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Scott McKinney</i>	
Name	Scott McKinney
Position	Sr. Regulatory Analyst
Company	Tenneco Oil Company
Date	January 18, 1985
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.	
Date Surveyed	November 21, 1984
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kent Jr.</i>
Certificate No.	3950

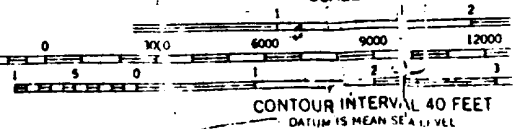
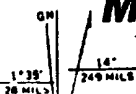


Vicinity Map for  
**TENNECO OIL COMPANY #7E MOORE**  
 2180'FSL 1450'FEL Sec. 4-T30N-R8W  
**SAN JUAN COUNTY, NEW MEXICO**

**MAP #1**

Mapped, edited, and published by the Geological  
 Control by USGS and USC&GS

East half compiled in 1959 from 1:24,000-scale map  
 dated 1954. West half topography by photogrammetric  
 methods from aerial photographs taken 1955



FIELD  
 7-111



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION

February 20, 1985

TONEY ANAYA  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Tenneco Oil Exploration  
and Production  
P. O. Box 3249  
Englewood, Colorado 80155

Attention: Scott McKinney

Administrative Order NSL-1987

Gentlemen:

Reference is made to your application for a non-standard location for your Moore Well No. 7E to be located 2180 feet from the South line and 1450 feet from the East line of Section 4, Township 30 North, Range 8 West, NMPM, Basin-Dakota Pool, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 104 F(I), the above-described unorthodox location is hereby approved.

Sincerely,

R. L. STAMETS, DIRECTOR

RLS/DC/dr

cc: ✓ Oil Conservation Division - Aztec  
Oil & Gas Engineering Committee - Hobbs  
Bureau of Land Management - Farmington

RECEIVED  
FEB 25 1985  
OIL CON. DIV.  
DIST. 3



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 2-16-85

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 1-22-85  
for the Tenneco Oil Co. Moore #7E J-4-30N-8W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

E. Bush

**Tenneco Oil  
Exploration and Production**  
A Tenneco Company

6162 South Willow Drive  
P.O. Box 3249  
Englewood, Colorado 80155  
(303) 740-4800



Western Rocky Mountain Division

January 17, 1985

CERTIFIED MAIL  
Return Receipt Requested

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, NM 87501  
Attn: Joe E. Ramey

New Mexico Oil Conservation Commission  
1000 Rio Brazos Rd.  
Aztec, NM 87410  
Attn: Frank Chavez

**RECEIVED**  
JAN 22 1985  
OIL CON. DIV.  
DIST. 3

RE: Application for Unorthodox Location  
Moore 7E  
2180' FSL & 1450' FEL  
Sec. 4, T30N, R8W  
San Juan County, NM

Gentlemen:

Attached in duplicate (to each office) are a well location plat (C-102) with an ownership plat for the above referenced well.

Due to steep topography canyon to the south and a well on the east and the existence of an archaeological site to the west of the pad, this location does not meet state spacing requirements. This is the only geologic and topographic site acceptable.

Pursuant to the authority of Rule 104-F, we respectfully request your approval of an exemption to the standard well location requirements.

Very truly yours,

TENNECO OIL COMPANY

A handwritten signature in dark ink, appearing to read "Scott McKinney", written over the typed name.

Scott McKinney  
Sr. Regulatory Analyst

SMc: rmm

Attachments

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

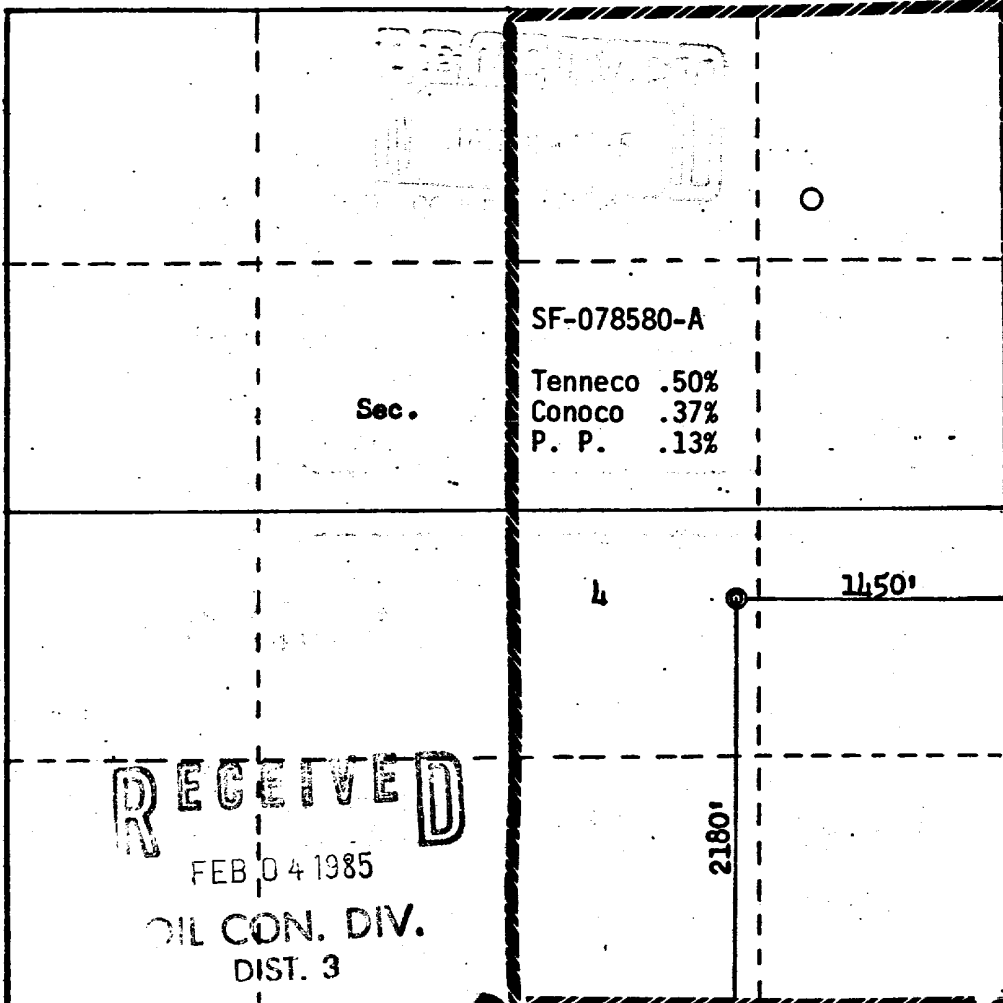
Operator <b>TENNECO OIL COMPANY</b>			Lease <b>MOORE</b>		Well No. <b>7E</b>
Unit Letter <b>J</b>	Section <b>4</b>	Township <b>30N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>2180</b> feet from the <b>South</b> line and <b>1450</b> feet from the <b>East</b> line					
Ground Level Elev: <b>6232</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>		Dedicated Acreage <b>320.79</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



RECEIVED

FEB 04 1985

OIL CON. DIV.  
DIST. 3

Scale: 1"=1000'

CERTIFICATION

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

*Scott McKinney*

Name

Scott McKinney

Position

Sr. Regulatory Analyst

Company

Tenneco Oil Company

Date

January 18, 1985

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.

Date Surveyed

November 21, 1984

Registered Professional Engineer and Land Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No. 4, KERR, IN.

3950

Page 2  
Application for Unorthodox Location  
January 17, 1984

WAIVER

\_\_\_\_\_ hereby waives objection to Tenneco Oil  
Company's application for unorthodox location for their Tenneco Moore 7E,  
proposed above.

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

SMc:srp  
Attachments

cc: Offset Operators:

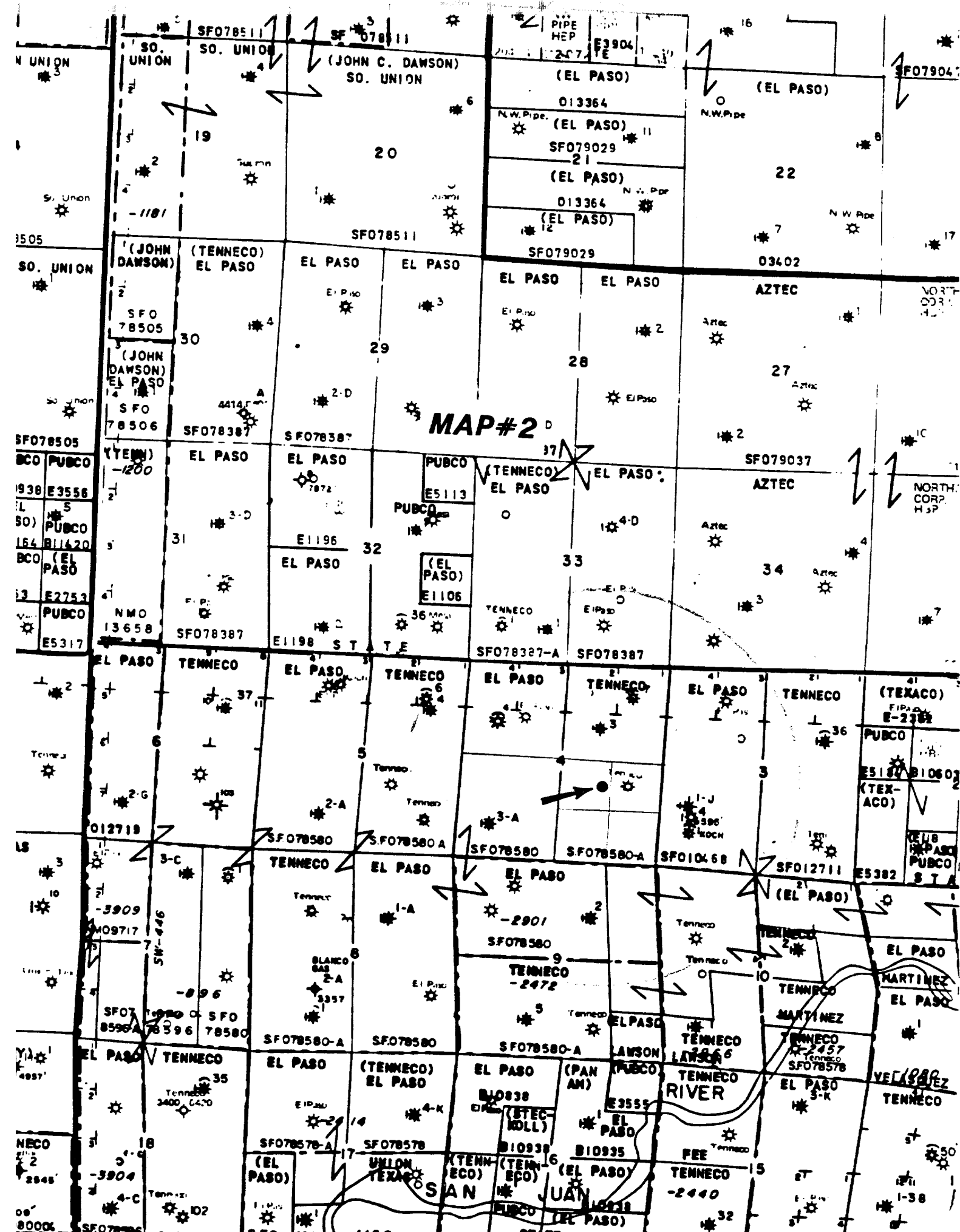
El Paso Natural Gas  
P. O. Box 4990  
Farmington, NM 87401  
Attn: Don Reed

Mesa Petroleum Co.  
1660 Lincoln St., Suite 2800  
Denver, CO 80264  
Attn: Arthur Brewster

Koch Exploration Co.  
1225 17th St., Suite 2540  
Denver, CO 80202

Southland Royalty  
P.O. Drawer 570  
Farmington, NM 87499  
Attn: Bob Fielder







$$\begin{array}{r} 40.38 \\ 40.32 \\ \hline 160.70 \end{array}$$

$$\begin{array}{r} 160.65 \\ 160.70 \\ \hline 321.35 \end{array}$$