

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25189

5. LEASE DESIGNATION AND SERIAL NO.

SF 078415

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Roelofs

9. WELL NO.

4E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLE.  
AND SURVEY OR AREA

1 Sec 22, T29N, R8W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

## 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

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

1800' FSL, 790' FEL

At proposed prod. zone

same

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

11.1 miles ESE of Blanco, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

790'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

1440.00

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

19. PROPOSED DEPTH

7775'

20. ROTARY OR CABLE TOOLS

Rotary

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

6635'

22. APPROX. DATE WORK WILL START\*

January '82

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	± 250'	Circulate cement to surface
8 3/4"	7"	23#	± 3770'	Circulate cement to surface
6 1/4"	4 1/2"	10.5#, 11.6#	± 7775'	Circulate cement to line top

See attached drilling program.

Gas is dedicated.

No surface disturbance within 15' of dike.

Build location 35' back from dropoff.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO CONDITIONS AND ATTACHED  
"GENERAL REQUIREMENTS"This well is subject to administrative  
control.

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

Don H. Morrison

TITLE

Production Analyst

DATE

August 14, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

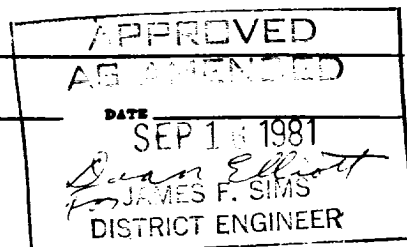
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

17

\*See Instructions On Reverse Side



## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

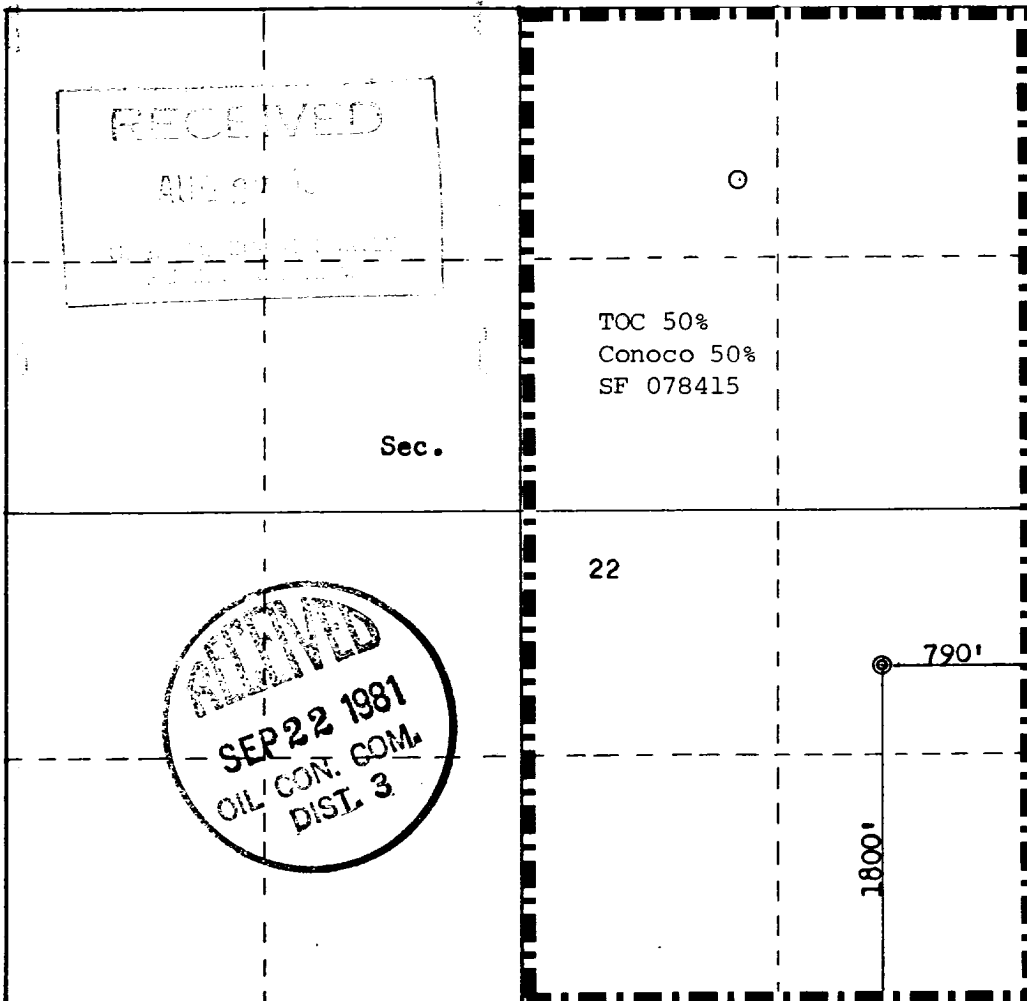
Operator <b>TENNECO OIL COMPANY</b>			Lease <b>ROELOFS</b>		Well No. <b>4E</b>
Unit Letter <b>I</b>	Section <b>22</b>	Township <b>29N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
<b>1800</b>		feet from the <b>South</b>	line and	<b>790</b>	feet from the <b>East</b> line
Ground Level Elev: <b>6635</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</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 \_\_\_\_\_

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.

*Don H. Morrison*  
Name

Don H. Morrison  
Position

Production Analyst  
Company

Tenneco Oil Company

Date  
July 21, 1981

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

July 15, 1981  
Registered Professional Engineer  
and Land Surveyor

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

Certification No. 3950  
B. KERR, JR.

VICINITY MAP FOR  
TENNECO OIL COMPANY #4E ROELOFS  
1800'FSL 790'FEL Sec. 22-T29N-R8W  
SAN JUAN COUNTY, NEW MEXICO

Vicinity Map for  
TENNECO OIL COMPANY #4E ROELOFS  
1800'PSL 790'FEL Sec. 22-T29N-R8W  
SAN JUAN COUNTY, NEW MEXICO