

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-031-20209

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

Suite 1200 Lincoln Tower Bldg., Denver, CO 80203

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

At surface

3630' F/WL and 330' F/SL

At proposed prod. zone

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

16. NO. OF ACRES IN LEASE

902.49

19. PROPOSED DEPTH

3000

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

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

7096.0 GR

22. APPROX. DATE WORK WILL START*

Upon Approval

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"	24	60	Suff. to circ.
7-7/8"	5-1/2"	15.5	3000	Suff. to fill 500' above Hospah Sand

Above well to be a 3000' Lone Pine Dakota "D" well. Well will be drilled to T.D., Logged and if commercial production is indicated, casing will be run, perforated and formation treated as necessary to establish commercial production. BOP to be tested each 24 hours.

RECEIVED

APR 5 1971

OIL CON. COM.
D. I. 3

U. S. GEOLOGICAL SURVEY

FARMINGTON, N.M.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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

*G. A. Ford*TITLE Sr. production ClerkDATE 3-31-71

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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

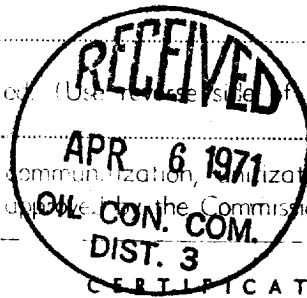
All distances must be from the outer boundaries of the Section

Operator **TENNECO OIL COMPANY** **FOSSAR** Well No. **45**
 Unit Letter **0** Section **12** Township **17 NORTH** Range **9 WEST** Meridian **Mc KINLEY**
 Actual Footage Location of Well, **330** feet from the **SOUTH** **3630** feet from the **WEST**
 Ground Level Elevation **7096.0** **Dakota** **Long Pine Dakota "B"** **30** Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hard ink marks on the plat below.
 2. If more than one lease is dedicated to the well, outline each one, showing 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 in communitization _____

If answer is "no," list the owners and tract descriptions which have actually 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, force-pooling, or otherwise) or until a non standard unit, unitizing 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.

G. A. Ford
 Name **G. A. Ford**
 Position **Asst. Production Clerk**
 Company **Tenneco Oil Company**
 Date **3/31/71**

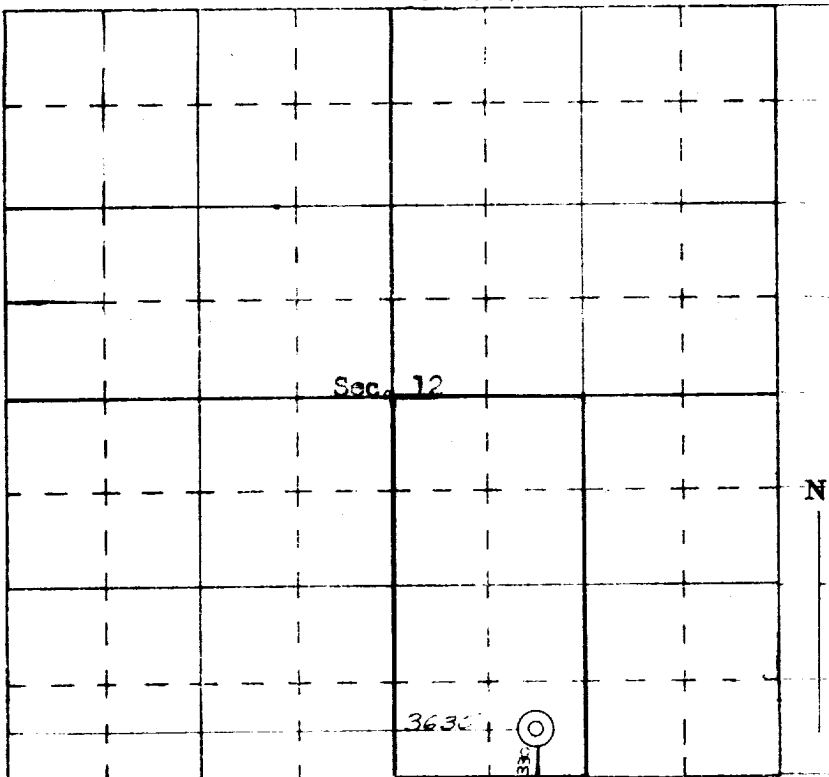
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

27 March, 1971
 Date Surveyed
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor

JAMES P. LEESE

1463

Certificate No. _____



SCALE—4 INCHES EQUALS 1 MILE

1000

1000