

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

## 3. ADDRESS OF OPERATOR

P. O. Box 1714 - Durango, Colorado

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

At surface

1450' FNL, 1190' FWL

At proposed prod. zone

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

## 16. NO. OF ACRES IN LEASE

320

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

6820

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

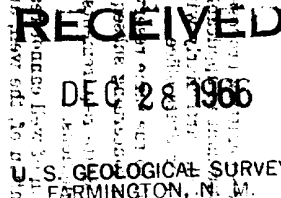
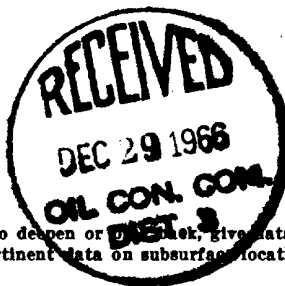
6060 GR

## 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"	20# & 24#	400'	Cement to surface
7-7/8"	4-1/2"	10.5# & 11.6#	6820'	1st Stage 235 Sacks
				2nd Stage cement to surface

We plan to drill to approximate T.D. of 6820', run IES & GRD logs. Run casing as shown above with stage collar set approximately 300' below bottom of Mesaverde. W.O.C. Perforate and frac and run 2-3/8" EUE tubing. Conduct deliverability tests.



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

Harold C. Nichols

TITLE Senior Production Clerk

DATE 12/27/66

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

## Distribution:

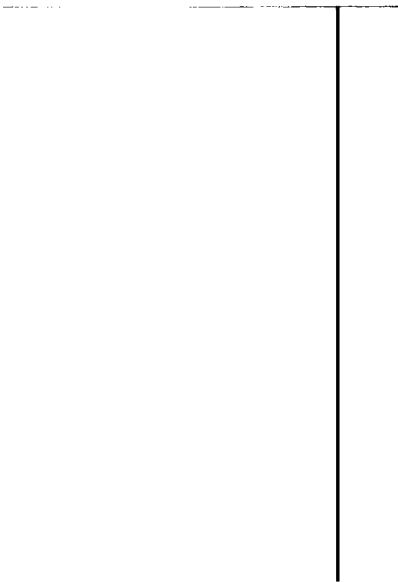
5 - USGS

1 - Continental

1 - American Petrofina

1 - File

\*See Instructions On Reverse Side

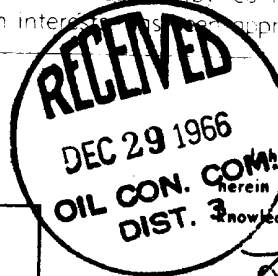


**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator TENNECO OIL COMPANY Lease FLORENCE Well No. 65  
 Unit E Section 18 Township 27 North Range 8 West County San Juan  
 Acres in Section of Well 1450 feet from the North line and 1190 feet from the West line  
 6060 ungraded Basin Dakota Basin Dakota ~~320~~ W/2 Acres  
 Dedicated Average 321.70

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, forced-pooling, etc?
4. If answer is "yes," type of consolidation \_\_\_\_\_
5. If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_
6. No acreage 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.

*Harold C. Nichols*  
 Name Harold C. Nichols  
 Position Senior Production Clerk

Company Tenneco Oil Company

Date December 27, 1966

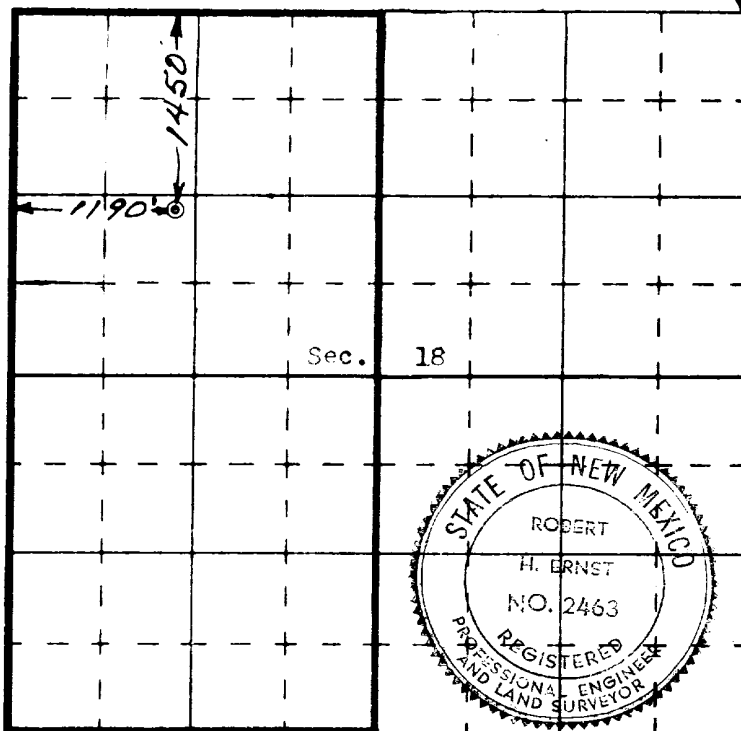
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

24 December 1966

Date Surveyed

*Robert H. Ernst*  
 Registered Professional Engineer  
 and/or Land Surveyor  
 Robert H. Ernst  
 N. Mex. PE & LS 2463

Certificate No. \_\_\_\_\_



ERNST ENGINEERING CO.  
 Durango, Colorado