

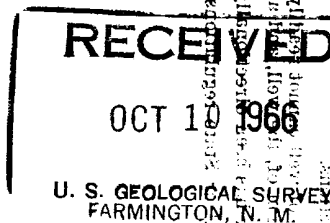
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 03380		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Tenneco Oil Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado			8. FARM OR LEASE NAME Florance		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1450 FNL, 1190 FWL, Unit E  At proposed prod. zone			9. WELL NO. 63		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Basin Dakota		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 17, T27N, R8W		
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH San Juan		
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 N/2			18. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6875 GR			22. APPROX. DATE WORK WILL START* October 17, 1966		

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#	1000	Cement to surface
7-7/8"	4-1/2"	10.5# & 11.6#	7560	1st Stage w/235 sx.
				2nd Stage cement to surface

We plan to drill to approximate TD 7560. Run IES & GRD logs. Run casing as shown above with stage collar set approximately 300' below Mesaverde. WOC Perfr and frac and run 2-3/8" EUE tubing and 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 Nichols TITLE Senior Production Clerk DATE October 7, 1966  
H. C. Nichols

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE \_\_\_\_\_  
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 <b>TENNECO OIL COMPANY</b>				Lease <b>FLORANCE</b>		Well No. <b>63</b>	
Unit Letter <b>E</b>	Section <b>17</b>	Township <b>27 North</b>	Range <b>8 West</b>	County <b>San Juan</b>			
Actual Footage Location of Well <b>1450</b> feet from the <b>North</b> line and <b>1190</b> feet from the <b>West</b> line							
Ground Level Elev. <b>6875' ungraded</b>		Producing Formation <b>Basin Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage <b>320</b> <b>1/2</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 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.

Original Signed By  
**HAROLD C. NICHOLS**

Name \_\_\_\_\_

**Harold C. Nichols**

Position \_\_\_\_\_

**Senior Production Clerk**

Company \_\_\_\_\_

**Tenneco Oil Company**

Date \_\_\_\_\_

**October 7, 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.

**20 June 1966**

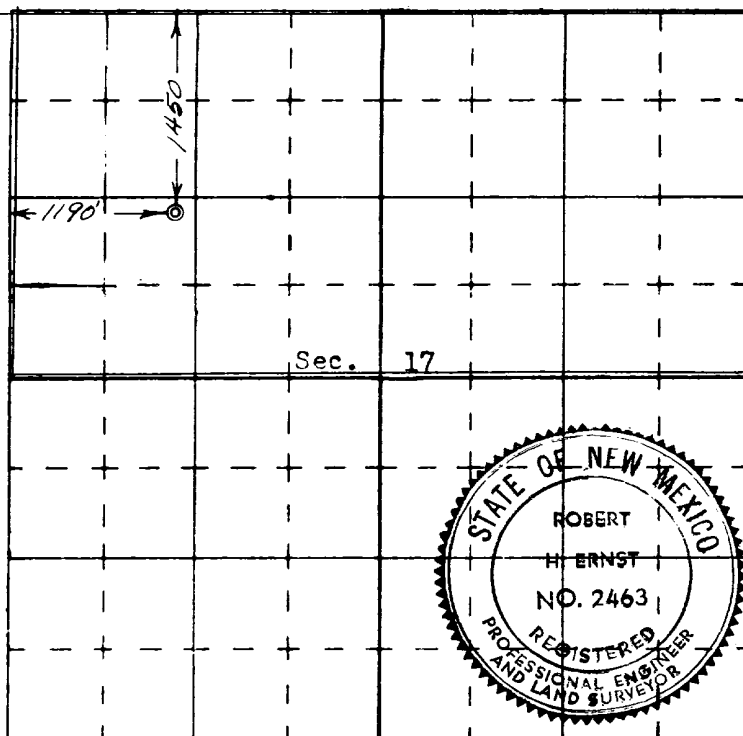
Date Surveyed \_\_\_\_\_

*Robert H. Ernst*  
Registered Professional Engineer  
and/or Land Surveyor

**Robert H. Ernst**

**N. Mex. PE & LS 2463**

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



N

**ERNST ENGINEERING CO  
DURANGO, COLORADO**