

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

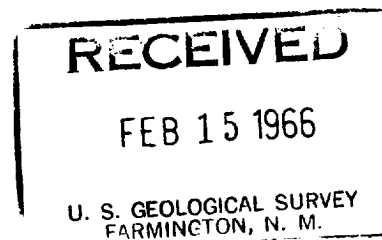
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. ST 077833	
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 NO.	
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 865' FNL, 1565' FEL At proposed prod. zone Unit B			9. WELL NO. 51Y	
10. FIELD AND POOL, OR WILDCAT Blanco Pictured Cliffs			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 20, T-30-N, R-9-W	
12. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			13. COUNTY OR PARISH San Juan	
14. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)			15. NO. OF ACRES IN LEASE 160	
16. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
18. ELEVATIONS (Show whether DF, RT, GR, etc.) 6018 GR.			19. PROPOSED DEPTH 3000	
20. APPROX. DATE WORK WILL START*			21. ROTARY OR OTHER TOOLS BE/4	
22. APPROX. DATE WORK WILL START*			23. APPROX. DATE WORK WILL START*	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	8-5/8	24#	150	Cement to surface
7/8 to 2800	3-1/4 10R	7.7#	3000	Circulate cement to surface
1-1/4 to 3000				

We propose to rig up, drill with Rotary to approximate TD 3000'. Log, set casing as shown above, WOC. Perf and frac and install well head. 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 February 14, 1966
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Distribution:

- 5 - USGS
- 1 - Continental
- 1 - File

*See Instructions On Reverse Side

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

Form 1-61
Supersedes O-128
Effective 1-61

All distances must be from the outer boundaries of the Section

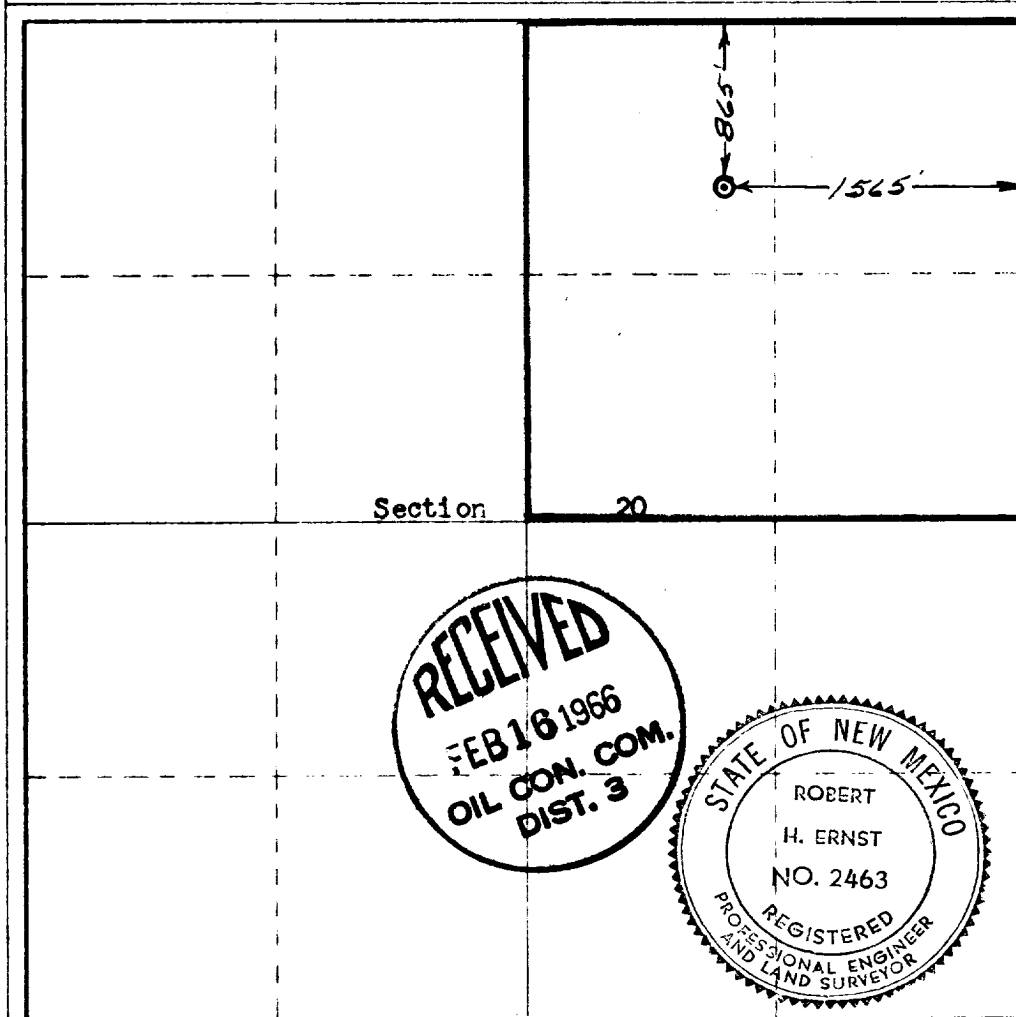
Operator TENNECO OIL COMPANY			Lease FLORENCE		Well No. 51 Y
Unit Letter B	Section 20	Township 30 North	Range 9 West	County San Juan	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between; align-items: center;"> 865 feet from the North line and 1565 feet from the East line </div>					
Ground Level Elev. 6018' ungraded	Producing Formation Blanco Pictured Cliffs		Pool Blanco Pictured Cliffs		Deviated Angle NE/4 160 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.

Harold C. Nichols

Name **Harold C. Nichols**
 Position **Senior Production Clerk**
 Company **Tenneco Oil Company**
 Date **February 14, 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.

Date Certified **27 January 1966**
 Registered Professional Engineer and Land Surveyor
Robert H. Ernst
ROBERT H. ERNST

Certificate No. **N. Mex. PE & LS 2463**

