

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. Navajo Cont 14-20-0603-9837	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 1714, Durango, Colorado 81301		8. FARM OR LEASE NAME Navajo Tribal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1840' FSL 1660' FWL Unit K At proposed prod. zone		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Wildcat (Hospah Area)	
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 Sec. 24-T18N-R9W	
16. NO. OF ACRES IN LEASE 40 acres		12. COUNTY OR PARISH McKinley	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres		13. STATE N.M.	
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.) 6892' GR		22. APPROX. DATE WORK WILL START* September 9, 1966	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4	8-5/8	20 & 24#	90'
7-7/8	4-1/2	10.5#	1800'
		QUANTITY OF CEMENT	
		Cement to surface	
		Cement to surface	

We propose to drill to approximate TD 1800'. Run DST. Run Induction Electric log and density log. Run casing as shown above. Complete as single oil well. Conduct potential tests. Install pumping unit and lift equipment.



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 September 2, 1966  
SIGNED Harold C. Nichols  
(This space for Federal or State office use)

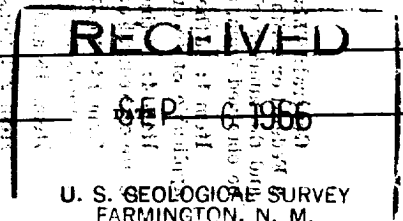
PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY CA

TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



**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>NAVAJO TRIBAL</b>		Well No. <b>1</b>	
Unit Letter <b>K</b>	Section <b>24</b>	Township <b>18 North</b>	Range <b>9 West</b>	County <b>McKinley</b>	
Actual Footage Location of Well: <b>1840</b> feet from the <b>South</b> line and <b>1660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6892' ungraded</b>		Producing Formation <b>Hoopah</b>		Dedicated Acreage <b>40</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.



*Harold C. Nichols*  
 Name **Harold C. Nichols**  
 Position **Senior Production Clerk**  
 Company **Tenneco Oil Company**  
 Date **September 2, 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.

**26 August 1966**  
 Date Surveyed  
*Robert H. Ernst*  
 Registered Professional Engineer  
 and/or Land Surveyor  
**Robert H. Ernst**  
**N. Mex. PE & LS 2463**  
 Certificate No. \_\_\_\_\_

