

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

|   |  |   |  |
|---|--|---|--|
| 1a. TYPE OF WORK<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>LC 063696                            |  |
| b. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/><br>SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  |  |
| 2. NAME OF OPERATOR<br>Tenneco Oil Company  |  | 7. UNIT AGREEMENT NAME  |  |
| 3. ADDRESS OF OPERATOR<br>Box 1031, Midland, Texas  |  | 8. FARM OR LEASE NAME<br>Barton Federal                                     |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)<br>At surface 660' FSL & 660' FEL of Section 22<br>At proposed prod. zone  |  | 9. WELL NO.<br>2  |  |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*   |  | 10. FIELD AND POOL, OR WILDCAT<br>Undesignated Lusk                         |  |
| 10. 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<br>Sec. 22, T-19-S, R-31-E |  |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.   |  | 12. COUNTY OR PARISH<br>Eddy  |  |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>3540 GL (Estimated)   |  | 13. STATE<br>New Mexico   |  |
| 16. NO. OF ACRES IN LEASE<br>440  |  | 17. NO. OF ACRES ASSIGNED TO THIS WELL<br>40                                |  |
| 20. ROTARY OR CABLE TOOLS<br>Rotary   |  | 22. APPROX. DATE WORK WILL START*<br>Upon Approval                          |  |

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
|              |                |                 |               |                    |
|              |                |                 |               |                    |
|              |                |                 |               |                    |

See Prognosis and plats attached

RECEIVED

FEB 10 1965

O. C. C.  
ARTESIA, OFFICE

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 A.W. Yang TITLE Dist. Prod. Superintendent DATE 1-28-65  
(This space for Federal or State office use)

PERMIT NO.                      APPROVAL DATE FEB 1 1965  
DISTRICT ENGINEER  
APPROVED BY [Signature] TITLE                      DATE FEB 1 1965  
CONDITIONS OF APPROVAL, IF ANY.

\*See Instructions On Reverse Side