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NEW MEXICO OIL CONSERVATION COMMISSION
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AUG 26 1981

O. C. D.

30-015-23922

Form C-101
Revised 1-1-65

| | |
|--|-------------------------------|
| 5A. Indicate Type of Lease | |
| STATE <input checked="" type="checkbox"/> | FREE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| K-4902 | |
| 7. Unit Agreement Name | |
| 8. Farm or Lease Name | |
| State FP-14 Comm | |
| 9. Well No. | |
| 2 | |
| 10. Field and Pool, or Wildcat | |
| x Catclaw Draw Morrow | |
| 12. County | |
| Eddy | |
| 19. Proposed Depth | |
| 10,550' | |
| 19A. Formation | |
| Morrow | |
| 20. Rotary or C.T. | |
| Rotary | |
| 21. Elevations (show whether DF, RT, etc.) | |
| 3335.6 GR | |
| 21A. Kind & Status Plug. Bond | |
| Blanket-#248-074 | |
| 21B. Drilling Contractor | |
| Parker #34 | |
| 22. Approx. Date Work will start | |
| Jan 1, 1982 | |

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"/> |
| b. Type of Well | |
| OIL WELL <input type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> |
| 2. Name of Operator | |
| Tenneco Oil Company | |
| 3. Address of Operator | |
| 6800 Park Ten Blvd., Suite 200 N., San Antonio, TX. 78213 | |
| 4. Location of Well | |
| UNIT LETTER B | LOCATED 660 FEET FROM THE North LINE |
| AND 1650 FEET FROM THE East | LINE OF SEC. 14 TWP. 21S RGE. 25E NMPM |
| 13. Proposed Depth | |
| 10,550' | |
| 19A. Formation | |
| Morrow | |
| 20. Rotary or C.T. | |
| Rotary | |
| 21. Elevations (show whether DF, RT, etc.) | |
| 3335.6 GR | |
| 21A. Kind & Status Plug. Bond | |
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23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|---|
| 17-1/2" | 13-3/8" | 54.5# | 350' | 553 sacks | Cmt. to circ. |
| 12-1/4" | 8-5/8" | 32.0# | 2200' | 1500 sacks | Cmt. to circ. |
| 7-7/8" | 5-1/2" | 17.0# | 10550' | 1710 sacks | 1000' above the shallowest Probable producing zone. |

1. Set 20" conductor pipe @ \pm 40' from surface w/rat hole-driller.
2. Drill 17-1/2" hole & 13-3/8" surface casing to 350' and cement w/good returns.
3. Log B.O.P. checks in daily drill reports and drill 7-7/8" hole to 10,550'.
4. Run tests if warranted and run 5-1/2" casing if productive.
5. Run logs, as needed and perforate and stimulate as needed.
6. Gas is not dedicated.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3-15-82
UNLESS DRILLING UNDERWAY

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Wanda Gray Title Production Analyst Date August 21, 1981

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT 4 DATE SEP 15 1981

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" + 8 7/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 7/8" casing