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NEW MEXICO OIL CONSERVATION COMMISSION

Form G-101
Revised 1-1-65

| | |
|---|------------------------------|
| 5A. Indicate Type of Lease | |
| STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| E-9247 | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|--|----------------------------------|--|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 8. Farm or Lease Name State of | |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | New Mexico "DA" NCT-2 | |
| 2. Name of Operator | | 9. Well No. | |
| TEXACO INC. | | 1 | |
| 3. Address of Operator | | 10. Field and Pool, or Wildcat | |
| P. O. BOX 3109, MIDLAND, TEXAS 79701 | | Ranger Lake Penn. | |
| 4. Location of Well | | 12. County | |
| UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE | | Lea | |
| AND 1980 FEET FROM THE West LINE OF SEC. 14 TWP. 12S RGE. 34E NMPM | | | |
| 19. Proposed Depth | | 19A. Formation | |
| 10,350' | | Cisco | |
| 20. Rotary or C.T. | | Rotary | |
| 21. Elevations (Show whether DF, RT, etc.) | | 22. Approx. Date Work will start | |
| Not available | | At once | |
| 21A. Kind & Status Plug. Bond | | 21B. Drilling Contractor | |
| \$10,000 blanket | | Unknown | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|--------------------|---------------|-----------------|-----------------------------------|
| 15" | 11 3/4" | 42#, 23.72# | 360' | *350 sx | 300% to circulate |
| 10 5/8" | 8 5/8" | 24#, 28#, 32#, 32# | 4200' | **1300 sx | 250% to circulate |
| 7 7/8" | 4 1/2" | 11.6# | 10350' | ***1200 sx | 150% to tie back to inter. casing |

*Cement with 350 sx Class "C" neat with 1% calcium chloride (300% to circulate).

**Cement with 1100 sx TLW 12.0#/gal. followed by 200 sx Class "C" neat (250% to circulate).

***Cement with 800 sx TLW 12.0#/gal. followed by 400 sx Incor 4% gel 13.2#/gal. Use 0.5% FRA in first 300 sx TLW (150% to tie back to inter. csg.)

COMPLETION PROGRAM

1. Perforate with 1 jspl. 2. Acidize with 500 gals. 15% NE acid. DRILLING COMMENCED.

FORMATION TOPS EXPECTED

Anhydrite 2,000'
Base of Salt 2,750'

Abo 7,750'
Total Depth 10,350'

EXPIRES

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 J. J. Welten Title Division Civil Engineer Date 7/1/66
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: