

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

140876 OF 5165 000 C.

APR 25 7 58 AM '66

Form C-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.
K-4772

### 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"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Texaco Inc.		2	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 3109, Midland, Texas 79701		Midway Abo	
4. Location of Well		12. County	
UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE		Lea	
AND <u>622</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>18</u> TWP. <u>17S</u> RGE. <u>37E</u> NMPM			
19. Proposed Depth		19A. Formation	
8970'		Lower Clearfork Reef	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DE, RT, etc.)		22. Approx. Date Work will start	
Not available		At once	

23.

### 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#	350'	*300	300% to circulate
10 5/8"	8 5/8"	24#, 28#, 32#	3200'	**1500	300% to circulate
7 7/8"	4 1/2"	11.6#, 10.5#, 11.6#, 11.6#	8970'	***1300	150% to tieback to intermediate

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

\*\*Cement with 1300 sx TLW 12#/gal followed by 200 sx Class "C" neat (300% to circulate).

\*\*\*Cement with 800 sx TLW 12#/gal. followed by 500 sx Incor 4% gel 13.8#/gal. Use 0.5% FRA in first 200 sx TLW. (150% to tie back to intermediate.)

### COMPLETION PROGRAM

1. Selectively perforate with 1 jspl.
2. Acidize with 500 gals. 15% NE acid.

Anhydrite 1980'  
Base Salt 3030'  
San Andres 4895'

### FORMATION TOPS EXPECTED

L. Clearfork Reef 8835'  
Abo Equivalent 8960'  
Total Depth 8970'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSED 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. Velton Title Division Civil Engineer Date 4/22/66  
(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: