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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

AUG 16 8 16 AM '65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
163543

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		W. L. Nix	
2. Name of Operator		9. Well No.	
Texaco Inc.		5	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. BOX 3109, Midland, Texas		Drinkard	
4. Location of Well		12. County	
UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE		Lea	
AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>20</u> TWP. <u>22-S</u> RGE. <u>38-E</u> NMPM			
19. Proposed Depth		19A. Formation	
7275'		Drinkard	
20. Rotary or C.T.			
Rotary			
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
Not available		Unknown	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
\$10,000 blanket		At once	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24#, 17.28#, 20#	1400'	530*	
7 5/8" or 7 7/8"	2 7/8"	6.5#	7300'	1250**	

\*Cement with 430 sx Trinity lite wate, 110% mix water, 12.0#/gal. followed by 100 sx Class "C" neat 14.8#/gal plus 1% calcium chloride. 250% of volume to circulate.

\*\*Cement with 200 sx Trinity lite wate, 110% mix water, 12.0#/gal, 0.5% FRA plus 550 sx Trinity lite wate, 110% mix water, 12.0#/gal followed by 500 sx Class "C" 4% gel 13.5#/gal. Pump down plug with acetic acid. Cement volume equal 150% of annular volume from TD to base of salt.

1. Perforate 15 selective intervals with ljspi from 7055' to 7250'.
2. Break down with acetic acid.
3. Acidize with 10,000 gal. 15% NE acid in 5 stages with 3 ball sealer per stage

## FORMATION TOPS EXPECTED

Anhydrite	1373'	Tubb	6380'
Base of Salt	2602'	Total Depth	7300'

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 M. M. Bumpass Title Senior Civil Engineer Date 8/13/65

(This space for State Use)

APPROVED BY APPROVAL VALID TITLE FOR 30 DAYS UNLESS DATE DRILLING COMMENCED

EXPIRES 11/15/65