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# NEW MEXICO OIL CONSERVATION COMMISSION

JAN 3 7 51 AM '67

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. B-158-3

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

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
2. Name of Operator TEXACO INC.		7. Unit Agreement Name -----	
3. Address of Operator P. O. BOX 3109, MIDLAND, TEXAS 79701		8. Farm or Lease Name State New Mexico "BZ" NCT-8	
4. Location of Well UNIT LETTER J LOCATED 1830 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 16 TWP. 23S RGE. 37E NMPM		9. Well No. 15	
		10. Field and Pool, or Wildcat Hudson & Undesignated	
		12. County Lea	
		19. Proposed Depth 7250'	
		19A. Formation Glorieta & Drinkard	
		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DE, RT, etc.) Not available		21A. Kind & Status Plug. Bond \$10,000 blanket	
		21B. Drilling Contractor Unknown	
		22. Approx. Date Work will start At once	

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	32.3#, 19.37#, 25.45#	1050'	*625	300% to circ.
8 3/4" (Drinkard)	3 1/2"	9.3#	7250'	**420	150% to circ.
(Paddock)		9.3#	5100'	***155	150% to circ.

## COMPLETION PROGRAM

Drinkard - 1. Selectively perf. with 2 JSPF. 2. Breakdown with acetic acid & acidize with 10,000 15% NE in 3 stages with ball sealers.

Paddock - 1. Perf. upper porosity with 2 JSPF. 2. Breakdown with acetic acid & acidize with 500 gal 15% N.E.

\*Cement with 500 sx TLW 105% wtr. 12.14#/gal followed by 125 sx Class "C" neat with 1% CaCl (300% to circulate).

\*\*Cement long string w/320 sx TLW 105% wtr. 12.14#/gal followed by 100 sx Class "C" neat with 1% CaCl (150%) (cmt. to 5100').

\*\*\*Cement short string w/155 sx Class "C" neat with 1% CaCl (150%) (cmt. to 5100').

## FORMATION TOPS EXPECTED

Anhydrite	1035'	Glorieta	4905'
Base of Salt	2345'	Abo	6650'
		Total Depth	7250'

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 W. M. Bumpass Title Senior Civil Engineer Date 12/30/66  
(This space for State Use)

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

CONDITIONS OF APPROVAL, IF ANY:

*Handwritten signature and notes*