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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☒	FEE ☐
5. State Oil & Gas Lease No.	
B-959-1	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Farm or Lease Name	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐		New Mexico "W" St. NCT-1	
2. Name of Operator		9. Well No.	
TEXACO INC.		3	
3. Address of Operator		10. Field and Pool, or Wildcat North	
P. O. BOX 3109, MIDLAND, TEXAS 79701		Vac. Abo, Vac. Upper	
4. Location of Well		UNDESIGNATED	
UNIT LETTER J LOCATED 1880 FEET FROM THE South LINE			
AND 2130 FEET FROM THE East LINE OF SEC. 13 TWP. 17S RGE. 34E NMPM			
		12. County	
		Lea	
		19. Proposed Depth	
		10,600'	
		19A. Formation	
		Abo & Penn.	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DE, RI, etc.)		21B. Drilling Contractor	
Not available		unknown	
21A. Kind & Strus 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
17 1/2"	13 3/8"	27.06#, 35.62#	300'	*500	300% to circ.
12 1/4"	10 3/4"	40.50#, 45.50#, 51#	4800'	**550	150% to tie back
	3 1/2"	9.3#	10500'	{***1900	to base of salt
9 1/2"	3 1/2"	9.3#	10500'		150% to tie back
	3 1/2"	9.3#	8900'		to inter. csg.

*Cement w/500 sx Class "C" w/1% CaCl₂ (300% of circ). Cement must circ.
 **Cement w/400 sx TLW 12.0#/gal followed by 150 sx Class "C" w/ 1/4#/sk Flocele, 14.8#/gal (150% to tie back to base of salt). Base of salt @2780'.
 ***Cement w/800 sx TLW, 12.0#/gal followed by 1100 sx Class "C" w/10#/sk salt, 14.8#/gal (150% to tie back to intermediate casing). (Run short string bull plugged-cement down both long stgs.)

COMPLETION PROGRAM

1. Abo - perf 1 JSPP. Treat w/2000 gals 15% acid staged with ball sealers. Frac w/25,000 gals gelled brine & 25,000 #/sd. 2. Upr. Penn - perf. 2 JSPI. Treat w/5000 gals 15% acid. 3. Lwr. Penn - perf. 1 JSPP. Treat w/500 gals 15% acid.

FORMATION TOPS EXPECTED

Top of Anhydrite	1650'	Glorieta	6000'	Lower Wolfcamp	9955'
Base of Salt	2780'	Abo	7970'	Upper Penn	10050'
San Andres	4560'	Wolfcamp KX	9410'	Total Depth	10600'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION AND PROPOSED NEW PRODUCTION. 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 [Signature] Title Division Civil Engineer Date 11/17/67

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY: