

30-072-22071

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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 1 11 38 AM '67

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☒ FEDERAL
5. State Oil & Gas Lease No. B-9560
7. Unit Agreement Name -----
8. Firm or Lease Name New Mexico "BG" SE. ACT-1
9. Well No. 4
10. Field and Pool, or Willam Saunders-Permo Penn.
12. County Lea

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐	
2. Name of Operator TEXACO INC.	
3. Address of Operator P. O. BOX 3109, MIDLAND, TEXAS 79701	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>14</u> TWP. <u>14S</u> RGE. <u>33E</u> NMPM	
19. Proposed Depth 10,015'	
19A. Formation Wolfcamp	
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	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13 3/4"	11 3/4"	42#, 23.72#	350'	*225	300% to circ.
10 5/8"	8 5/8"	24#, 28#, 32#	4150'	**900	200% to circ.
7 7/8"	4 1/2"	11.6#	10015'	***1100	150% to tieback

*Cement with 225 sx Class "C" w/1% CaChl (300% to circ.). Cement must circ.
**Cement with 800 sx TLW 4% gel 11.6#/gal followed by 100 sx Class "C" (200% to circ.).
***Cement with 800 sx TLW 12#/gal followed by 300 sx Class "C" 4% gel 13#/gal (0.5% FRA in first 200 sx TLW) (150% to tie-back). Sand coat exterior of csg. 9600-TD.

COMPLETION PROGRAM

1. Selectively perf. w/2 jSPI. 2. Treat w/500 gals 15% NE. 3. Swab test. 4. Treat w/2500 gals 15% N.E. staged w/ball sealers.

FORMATION TOPS EXPECTED

Anhydrite	1675'	Wolfcamp Zone 1	9760'
Base of Salt	2455'	Wolfcamp Zone 2	9865'
Abo	7715'	Total Depth	10015'

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION. GIVE GROSS OUT PRODUCTION PROBABLY, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed J. J. Veltun Title Division Civil Engineer Date 1/31/67
(This space for State Use)

APPROVED BY Joe A. Ramey TITLE DISTRICT ENGINEER DATE 2-3-67
CONDITIONS OF APPROVAL, IF ANY: