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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

R-4486

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
**K-6023**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

b. Type of Well  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
**TEXACO INC. % DARRELL SMITH**

3. Address of Operator  
**P. O. BOX 3109, MIDLAND, TEXAS 79701**

4. Location of Well  
UNIT LETTER **J** LOCATED **1980'** FEET FROM THE **South** LINE  
AND **1980'** FEET FROM THE **East** LINE OF SEC. **18** TWP. **17-8** RGE. **35-E** NMPM

7. Unit Agreement Name

8. Farm or Lease Name **New Mexico "DN" State COM**

9. Well No.  
**1**

10. Field and Pool or Wildcat  
**UNDESIGNATED Vacuum Morrow North (Gas)**

12. County  
**Lea**

19. Proposed Depth  
**12,515**

19A. Formation  
**Morrow**

20. Rotary or C.T.  
**Rotary**

21. Elevations (Show whether DF, RT, etc.)  
**Gr. 3991**

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
16" 17 1/2"	13 3/8"	48#	375'	* 400 sx	200% to Circ.
11"	8 5/8"	32#	5000'	**1050 sx	200% to Circ.
7 7/8" 6 3/4"	4 1/2"	11.6#, 13.5#	12,515'	***1350 sx	150% to tie back

- \* 400 sx Class C + 2% CaCl<sub>2</sub> 14.8 ppg (200% to circulate in 17 1/2" Hole)
- \*\* 750 sx Class C + 4% Gel Mixed at 12 ppg followed by 300 sx Class C + 10#/sk salt 14.8 ppg, (200% to bring cement top to 1800')
- \*\*\*50 sx Class C + 700 sx TLW 12.1 ppg followed by 600 sx Class H + 0.5% halad-9 15.6 ppg. Exact volume to be calculated from caliper log. (150% to bring cement top to 7000')

COMPLETION PROGRAM

San Andres	4760'	Morrow Marker	11,965'
Abo Marker	8690'	Miss Lime	12,465'
Atoka	11,515'	Total Depth	12,515'

EXPIRES 1-11-73

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 [Signature] Title **Division Civil Engineer** Date **October 9, 1972**

(This space for State Use)

APPROVED BY [Signature] TITLE **SUPERVISOR DISTRICT I** DATE **OCT 11 1972**

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

OCT 18 1972

OIL CONSERVATION COMM.  
HOBOCK, N. M.