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# NEW MEXICO OIL CONSERVATION COMMISSION. N.C.

Form C-101  
Revised 1-1-65

NOV 27 6 14 AM '68

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>K-3657</b>
7. Unit Agreement Name
8. Farm or Lease Name <b>N. M. "T" State</b>
9. Well No. <b>1</b>
10. Field and Pool, or Wildcat <b>UNDESIGNATED</b>
12. County <b>Lea</b>
19. Proposed Depth <b>9950</b>
19A. Formation <b>Penn-Bough "C"</b>
20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DF, RT, etc.) <b>4264' G. L.</b>
21A. Kind & Status Plug. Bond <b>Approved</b>
21B. Drilling Contractor <b>Unknown</b>
22. Approx. Date Work will start <b>Dec. 2, 1968</b>

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

1a. Type of Work	DRILL <input type="checkbox"/>	DEEPEN <input checked="" type="checkbox"/>	PLUG BACK <input type="checkbox"/>
b. Type of Well	OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
2. Name of Operator	<b>Cabot Corporation</b>		
3. Address of Operator	<b>Box 4395, Midland, Texas</b>		
4. Location of Well	UNIT LETTER <b>0</b> LOCATED <b>660</b> FEET FROM THE <b>South</b> LINE AND <b>1980</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>32</b> TWP. <b>13-S</b> RGE. <b>33-E</b> NMPM		
21. Elevations (Show whether DF, RT, etc.)	<b>4264' G. L.</b>		
21A. Kind & Status Plug. Bond	<b>Approved</b>		
21B. Drilling Contractor	<b>Unknown</b>		

## 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	48#	307	300	Circ.
12-1/4	9-5/8	36#	4063	2250	510'
8-3/4	5-1/2	15.50# & 17#	9870	300	8100'

This well was drilled by Lion Oil Company as their New Mexico State "C" No. 1 in 1954. After drilling to T. D. and setting 5-1/2" casing at 9870', completion attempts were made in the Bough "A" and "B" zones before the well was abandoned. The intermediate casing was cut and pulled from 400', and production casing was cut and pulled from 8015'. Cabot proposes to clean out cement plugs and run tie-back strings to both intermediate and production casing, and then deepen the well approximately 80' to test the Bough "C" zone.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMPLETION

EXPIRES **2-25-69**

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 *Perry C. Quinn* Title Dist. Prod. Sup't. Date 11-22-68

(This space for State Use)

APPROVED BY *John D. Ramey* TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY: