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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101  
Revised 1-1-65

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| 5A. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEL <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>L656   |
| 7. Unit Agreement Name   |
| 8. Farm or Lease Name<br>State L656  |
| 9. Well No.<br>1   |
| 10. Field and Pool, or Wildcat<br>Vacuum (Abo Reef)  |
| 12. County<br>Lea  |
| 19. Proposed Depth<br>8900'  |
| 19A. Formation<br>Abo  |
| 20. Rotary or C.T.<br>Rotary   |
| 21. Elevations (Show whether DE, RT, etc.)<br>3890' GR   |
| 21A. Kind & Status Plug. Bond<br>Blanket 1/1/75  |
| 21B. Drilling Contractor<br>Marcum Drilling  |
| 22. Approx. Date Work will start<br>12/15/76   |

|   |  |
|---|--|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK   |  |
| 1a. Type of Work<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                  |  |
| b. Type of Well<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                  |  |
| 2. Name of Operator<br>Cotton Petroleum Corporation   |  |
| 3. Address of Operator<br>816 Bldg. of the Southwest, Midland, Texas 79701  |  |
| 4. Location of Well<br>UNIT LETTER N LOCATED 330 FEET FROM THE South LINE<br>AND 2220.7 FEET FROM THE East LINE OF SEC. 18 TWP. 17S RGE. 36E NMPM |  |
| 23.   |  |

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"        | 42#             | 350'          | 400 sx.         | Circ.    |
| 12 1/4"      | 8 5/8"         | 24 & 32#        | 3400'         | 1400 sx.        | Circ.    |
| 7 7/8"       | 4 1/2"         | 10.5 & 11.6#    | 8900'         | 375 sx.         | 7500'    |

- (1) Drill 17 1/2" hole to 350' and set 350' of 13 3/8" casing and cement with 400 sx. cement, circulate to surface.
- (2) Drill out with 12 1/4" hole to approximately 3400' and set 8 5/8" casing @ TD, cement casing with approximately 1400 sx. cement.
- (3) Drill out with 7 7/8" bit to Abo at approximately 8900'. If logs and tests indicated commercial production, will set 4 1/2" casing @ TD and cement with 375 sx. cement.
- (4) Blowout preventers will be Double Ram 3000 psi working pressure and meet API 3M Rds. specifications.

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.

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

Signed [Signature] Title Division Production Mgr. Date 11/11/76

(This space for State Use)  
APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: