

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

IL CONSERVATION DIVISIO,  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

30-035-28905

Form C-101  
Revised 10-1-78

|                        |  |
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|   |                               |
|---|-------------------------------|
| 5A. Indicate Type of Lease                        |                               |
| STATE <input checked="" type="checkbox"/>         | FEED <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>LG-2252           |                               |
| 7. Unit Agreement Name                            |                               |
| 8. Farm or Lease Name<br>Kochia "AAM" State       |                               |
| 9. Well No.<br>1                                  |                               |
| 10. Field and Pool, or Wildcat<br>Dean Permo Penn |                               |
| 12. County<br>Lea                                 |                               |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

c. Name of Operator  
YATES PETROLEUM CORPORATION

d. Address of Operator  
207 South 4 Street, Artesia, New Mexico 88210

e. Location of Well UNIT LETTER 0 LOCATED 990' FEET FROM THE South LINE  
AND 2310' FEET FROM THE East LINE OF SEC. 35 TWP. 15S RGE. 36E NMPM

|  |  |                                       |                             |                              |
|--|--|---------------------------------------|-----------------------------|------------------------------|
| 1. Elevations (Show whether DF, RT, etc.)<br>3855.1 GL | 21A. Kind & Status Plug. Bond<br>Blanket | 19. Proposed Depth<br>10,700          | 19A. Formation<br>Bough "C" | 20. Rotary or C.T.<br>Rotary |
| 2. 22. Approx. Date Work will start<br>ASAP            |  | 3. 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# H-40          | 405'          | 400sx           | circ     |
| 12 1/4"      | 8 5/8"         | 32# J-55          | 5000'         | 1300sx          | 400'     |
| 7 7/8"       | 5 1/2"         | 17# N-80 and S-95 | TD            | 450sx           | 9200'    |

We propose to drill a 10,700' well and test the Bough "C" and intermediate formations. Approximately 405' of surface casing will be set and cement circulated and approximately 5000' of intermediate will be set and cement circulated back to about 400'. Production casing will be set to TD and cemented back to approximately 9200'.

MUD PROGRAM: FW gel to 400', Native mud 5000', Water/paper to 7500'.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 9/11/84  
UNLESS DRILLING UNDERWAY

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 Cy Cowan Title Regulatory Agent Date September 10, 1984  
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
APPROVED BY DISTRICT 1 SUPERVISOR TITLE  DATE SEP 11 1984  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 11 1984

O.C.D.  
HOBBS OFFICE