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## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

|  |
|--|
| 5A. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |
| 7. Unit Agreement Name   |
| 8. Farm or Lease Name<br>Record  |
| 9. Well No.<br>1   |
| 10. Field and Location of Well<br><b>UNDESIGNATED</b><br>North Pearl Morrow                          |
| 12. County<br>Lea  |
| 19. Proposed Depth<br>12900  |
| 19A. Formation<br>Morrow   |
| 20. Rotary or C.T.<br>Rotary   |
| 21. Elevations (Show whether DE, RT, etc.)<br>3676.6   |
| 21A. Kind & Status Plug. Bond<br>Blanket-on-file   |
| 21B. Drilling Contractor<br>McVay  |
| 22. Approx. Date Work will start<br>11-4-81  |

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

|   |   |  |  |
|---|---|--|--|
| 1a. Type of Work  | 1b. Type of Well<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/><br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  |  |
| 2. Name of Operator<br>Amoco Production Company   |   |  |  |
| 3. Address of Operator<br>P. O. Box 68 Hobbs, NM 88240  |   |  |  |
| 4. Location of Well<br>UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE<br>AND <u>1980 2180</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>25</u> TWP. <u>19-S</u> RGE. <u>35-E</u> NMPM |   |  |  |
| 23.   |   |  |  |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT        | EST. TOP    |
|--------------|----------------|-----------------|---------------|------------------------|-------------|
| 20"          | 16"            | 65#             | 500'          | Circulate              | Surface     |
| 14-3/4"      | 10-3/4"        | 51#             | 5200'         | Tie back to 16"        | 500'        |
| 9-1/2"       | 7-5/8"         | 39, 33.7#       | 11000'        | 500' above Bone Spring | Appr. 7125' |
| 6-1/2"       | 4-1/2"         | 15.1#           | 10500'-12650' | Circ. to top of liner  | 10500'      |

Propose to drill and equip well in the Morrow formation. After reaching TD, logs will be run and evaluated. Will perforate and stimulate as necessary in attempting commercial production.

MUD PROGRAM: 0- 500 Native mud and fresh water  
500-5200 Native mud and brine  
5200- TD Commercial mud and brine with minimum properties for safe hole conditions. Raise viscosity and reduce water loss prior to Morrow penetration.

BOP Program Attached  
Gas is not dedicated.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 5/6/82  
UNLESS DRILLING UNDERWAY

0+6-NMOCD, H 1-Hou 1-Susp 1-W. Stafford, Hou 1-MDR

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 Mark Randolph Title Assist. Admin. Analyst Date 11-3-81

(This space for State Use)

Orig. Signed By

APPROVED BY Jerry Sexton TITLE Dist. 11 Supv. DATE NOV 6 1981

CONDITIONS OF APPROVAL