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NEW MEXICO OIL CONSERVATION COMMISSION

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JAN 18 1982

O. C. D.  
ARTESIA OFFICE

30-015-24067  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil &amp; Gas Lease No.

LG-588

## 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"/>                                                                      |                                                  | 7. Unit Agreement Name                           |
| 5. Type of Well<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                                                                      |                                                  | 8. Form or Lease Name<br>State MF Gas Com        |
| 2. Name of Operator<br>Amoco Production Company                                                                                                                                                       |                                                  | 9. Well No.<br>1                                 |
| 3. Address of Operator<br>P. O. Box 68, Hobbs, NM 88240                                                                                                                                               |                                                  | 10. Field and Pool, or Wildcat<br>Wildcat Morrow |
| 4. Location of Well<br>UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE<br>AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>5</u> TWP. <u>24-S.</u> <u>27-E</u> NMPM |                                                  | 12. County<br>Eddy                               |
| 19. Proposed Depth<br>12,400                                                                                                                                                                          |                                                  | 19A. Formation<br>Morrow                         |
| 20. Rotary or C.T.                                                                                                                                                                                    |                                                  |                                                  |
| 21. Elevation (Show whether D.P., R.T., etc.)<br>3208.9'                                                                                                                                              | 21A. Kind & Status Plug. Bond<br>Blanket-on-File | 21B. Drilling Contractor<br>N/A                  |
| 22. Approx. Date Work will start<br>2-1-82                                                                                                                                                            |                                                  |                                                  |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT    | EST. TOP   |
|--------------|----------------|-----------------|---------------|--------------------|------------|
| 20"          | 16"            | 65.4#           | 400           | Circ.              | Surface    |
| 14-3/4"      | 10-3/4"        | 40.5#           | 2100          | Circ.              | Surface    |
| 9-7/8"       | 7-5/8"         | 39# 33.7#       | 9300          | tie back to 10-3/4 | BTM 10-3/4 |
| 6-1/2"       | 4-1/2"         | 13.5#           | 8,800-12,400  | tie back to 7-5/8  | BTM 7-5/8  |

Propose to drill and equip well in the Morrow Zone. After reaching TD logs will be run and evaluated perforate and/or Stimulate as necessary in attempting commercial production.

APPROVAL VALID FOR 180 DAYS

Mud Program: 0-400 Native mud and fresh water.

400-2100 Native mud and brine water.

2100-TD Commercial mud and brine with minimum properties for safe hole conditions will raise viscosity and reduce water loss prior to Morrow penetration.

BOP Program Attached

Gas is Not dedicated

O+6 NMOCD-A 1-Hou 1-Susp 1-W Stafford, Hou 1-MDR

Routed ID-1  
API & NLE Book  
1-22-82

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 ELONGUITY 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 1-13-82

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JAN 22 1982

CONDITIONS OF APPROVAL, IF ANY: