

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells)

30-015-26760

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.  
LG-9280

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

Mary "AIV" State

8. Well No.

5

2. Name of Operator

Yates Petroleum Corporation

3. Address of Operator

105 South Fourth Street, Artesia, NM 88210

9. Pool name or Wildcat

Wildcat Delaware

4. Well Location

Unit Letter A : 660 Feet From The North Line and 660 Feet From The East Line

Section 36 Township 21 South Range 31 East NMPM Eddy County

10. Proposed Depth

8500'

11. Formation

Delaware

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3643'

14. Kind & Status Plug. Bond  
Blanket

15. Drilling Contractor  
Undesignated

16. Approx. Date Work will start  
ASAP

17. 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"        | 54.4#           | 850'          | 850             | Circulate    |
| 12 1/4"      | 8 5/8"         | 32.0#           | 4500'         | 2500            | Circulate    |
| 7 7/8"       | 5 1/2"         | 17 & 20#        | TD            | As warranted    | As warranted |

Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 850' of surface casing will be set and cement circulated. Approximately 4500' of intermediate casing will be set and cement circulated. If commercial, production casing will be and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: Native mud to 850'; Brine to 4500'; cut Brine to TD.

BOPE PROGRAM: BOPE will be installed at the offset and tested daily for operational.

Letter has been written to New Mexico Potash Corporation. APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 12/5/91

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.

SIGNATURE Clifton R. May TITLE Permit Agent DATE 5-30-91

TYPE OR PRINT NAME Clifton R. May TELEPHONE NO. 748-1471

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II TITLE  DATE JUN 5 1991

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT  
TIME TO WITNESS CEMENTING THE  
1338-898-51/2 CASING

Submit to Appropriate  
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Fee Lease - 3 copies

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Revised 1-1-89

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Santa Fe, New Mexico 87504-2088

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DISTRICT II  
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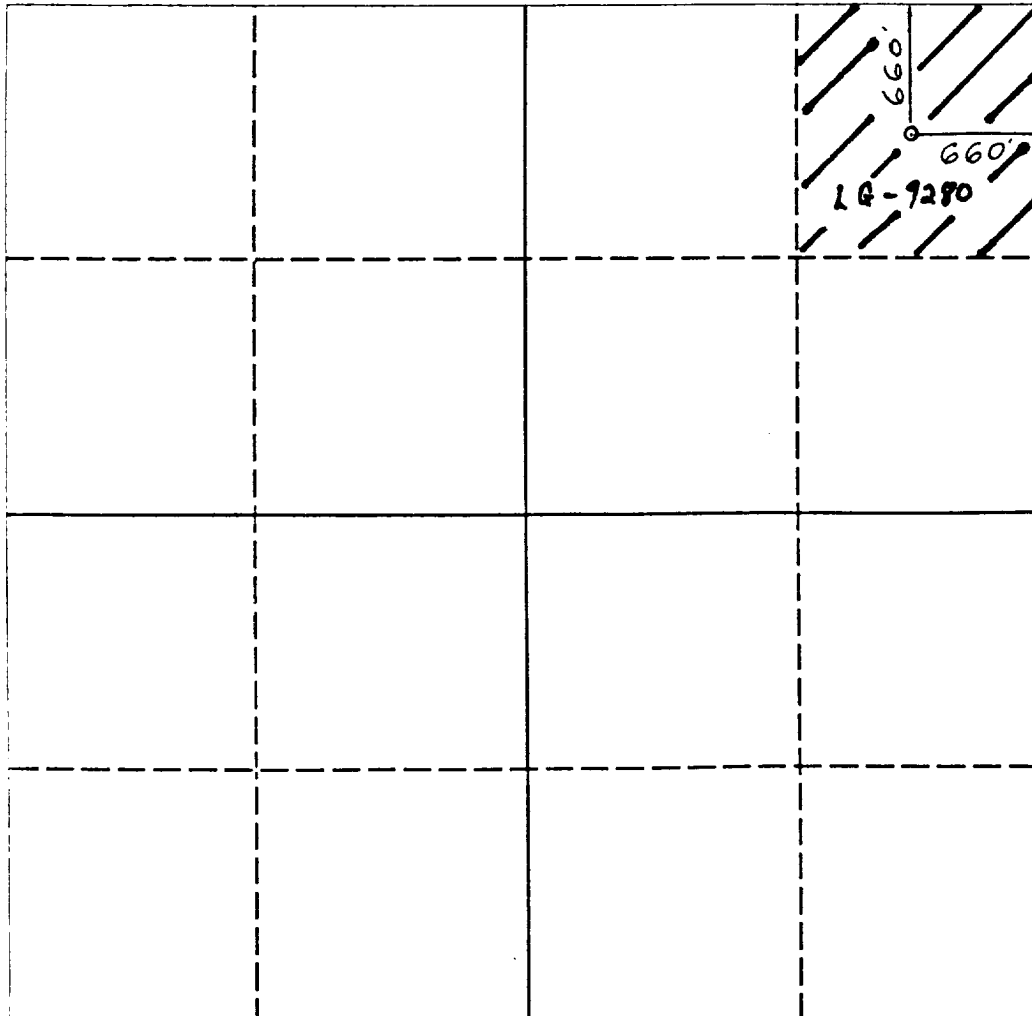
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|  |  |                             |                                 |                                       |                      |
|--|--|-----------------------------|---------------------------------|---------------------------------------|----------------------|
| Operator<br><b>YATES PETROLEUM CORPORATION</b>   |  |                             | Lease<br><b>MARY AIV STATE</b>  |                                       | Well No.<br><b>5</b> |
| Unit Letter<br><b>A</b>  | Section<br><b>36</b>                   | Township<br><b>21 SOUTH</b> | Range<br><b>31 EAST</b>         | County<br><b>EDDY COUNTY, N.M.</b>    |                      |
| Actual Footage Location of Well:<br><b>660</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>EAST</b> line |  |                             |                                 |                                       |                      |
| Ground level Elev.<br><b>3643.</b>   | Producing Formation<br><b>DELAWARE</b> |                             | Pool<br><b>WILDCAT DELAWARE</b> | Dedicated Acreage:<br><b>40</b> Acres |                      |

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). \_\_\_\_\_  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature **Clifton R. May**  
Printed Name **Clifton R. May**  
Position **Permit Agent**  
Company **Yates Petroleum Corp.**  
Date **5-30-91**

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **MAY 27 1991**  
Signature & Seal of Professional Surveyor  
**5412**  
Certificate No. **5412**  
NM PROFESSIONAL SURVEYOR

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

BOP STACK