

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

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

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells)

30-025-31214

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

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

KEMNITZ DEEP COM.

2. Name of Operator

Fina Oil & Chemical Company

8. Well No.

1

3. Address of Operator

P. O. Box 2990, Midland, TX 79702

9. Pool name or Wildcat

Wildcat South Kemnitz atoka/  
monitors

4. Well Location

Unit Letter I : 660 Feet From The East Line and 2155 Feet From The South Line

Section 28

Township 16 - S

Range 34 - E

NMPM

Lea

County

10. Proposed Depth

13,100

11. Formation

Morrow

12. Rotary or C.T.

Rotary

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

4098 GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

NA

16. Approx. Date Work will start

May 1, 1991

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         | 54.5            | 400           | 400             | Surface  |
| 12 1/2"      | 8 5/8          | 24 & 32         | 4600          | 1700            | Surface  |
| 7 7/8"       | 5 1/2          | 15.5 & 17       | 13,100        | 1300            | 4600     |

| Casing<br>Size | Shoe<br>Depth | BOP<br>Size | BOP<br>Rating | BOP<br>Arrangement | Choke<br>Rating |
|----------------|---------------|-------------|---------------|--------------------|-----------------|
| 13-3/8"        | 400'          | 13-5/8"     | 3000          | SRRAG              | 3000            |
| 8-5/8"         | 4600'         | 11"         | 5000          | SRRAG              | 5000            |

S- Choke and kill spool

R - Pipe Ram

R - Blind Ram

A - Annular

G - Rotating Head

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

*Neva Herndon*

TITLE

Petrotechnical Associate

DATE

3-22-91

TYPE OR PRINT NAME

Neva Herndon

TELEPHONE NO. 915-688-0608

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

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Revised 1-1-89

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|                                                                                                   |                                     |                      |                                    |                                 |                |
|---------------------------------------------------------------------------------------------------|-------------------------------------|----------------------|------------------------------------|---------------------------------|----------------|
| Operator<br>FINA OIL & CHEMICAL CO.                                                               |                                     |                      | Lease<br>KEMNITZ DEEP COM.         |                                 | Well No.<br>#1 |
| Unit Letter<br>I                                                                                  | Section<br>28                       | Township<br>16-SOUTH | Range<br>34-EAST                   | County<br>LEA                   |                |
| Actual Footage Location of Well:<br>2155 feet from the SOUTH line and 660 feet from the EAST line |                                     |                      |                                    |                                 |                |
| Ground level Elev.<br>4098'                                                                       | Producing Formation<br>Atoka/Morrow |                      | Pool<br>South Kemnitz-Atoka/Morrow | Dedicated Acreage:<br>320 Acres |                |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. 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

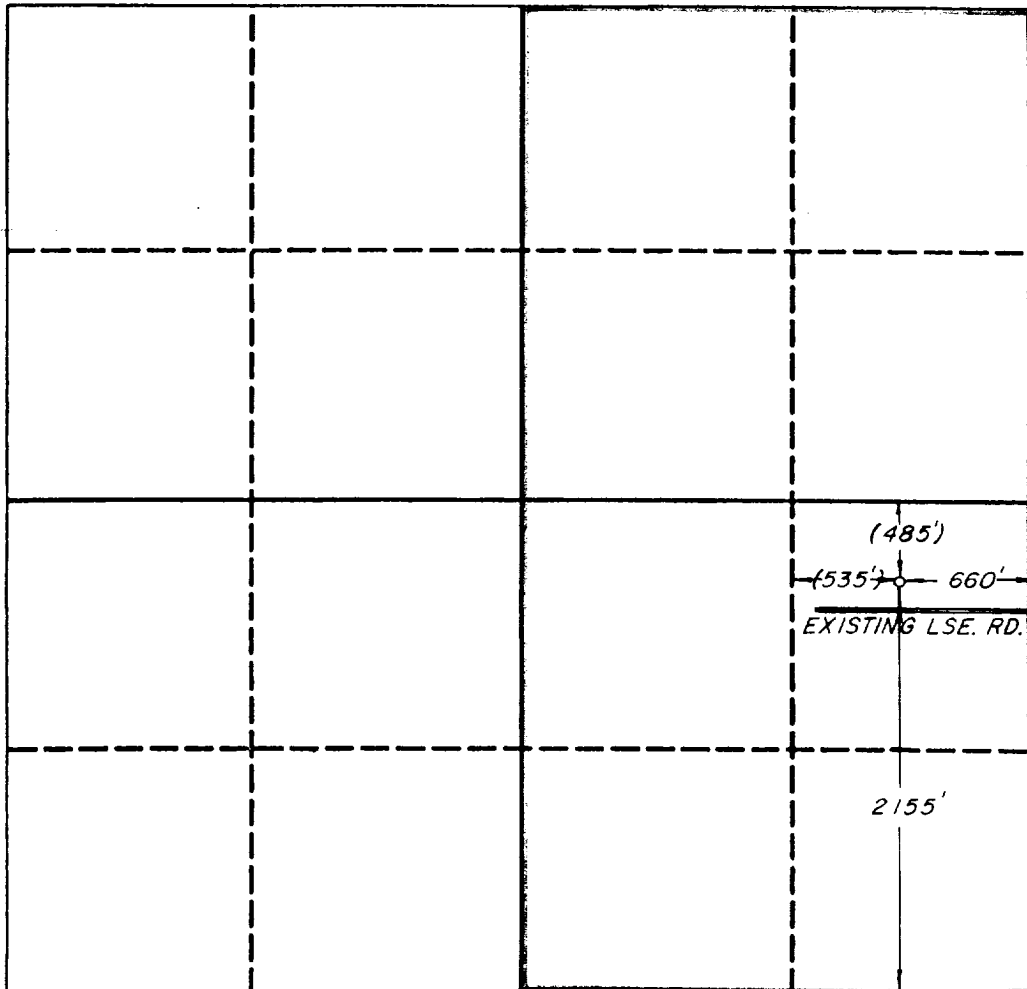
☐ No

If answer is "yes" type of consolidation

Communitization R-9478 Pooling

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.

*Neva Herndon*  
Signature

Neva Herndon

Printed Name

Petrotechnical Assoc.

Position

Fina Oil & Chemical

Company Company

April 9, 1991

Date

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

03-16-91

Signature & Seal of  
Professional Surveyor

*Ed B. Piccini*  
Certificate No.

4882

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