

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)

30-025-31735

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

5  
LG-7635

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

Watkins "32" State Com

8. Well No.

1

9. Pool name or Wildcat

Lusk, N. (Morrow)

4. Well Location

Unit Letter F : 1980 Feet From The North Line and 1650 Feet From The West Line

Section 32 Township 18S Range 32E NMPM Lea County

10. Proposed Depth

13,000'

11. Formation

Morrow

12. Rotary or C.T.

Rotary

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

3701.6' GR

14. Kind & Status Plug. Bond

Blanket - current

15. Drilling Contractor

To be determined

16. Approx. Date Work will start

October 2, 1992

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"        | 48.0            | 450'          | 450 sx          | Surface  |
| 12-1/4"      | 8-5/8"         | 32.0            | 4200'         | 2500 sx         | Surface  |
| 7-7/8"       | 5-1/2"         | 17.0            | 13,000'       | 875 sx          | 8000'    |

Move on location and rig up. Spud 17-1/2" hole and drill to  $\pm 450'$ . Run 13-3/8" casing and cement with sufficient Class "C" containing 2%  $\text{CaCl}_2$  to circulate to surface. WOC 4 hrs prior to cut off and weld on 13-3/8" casing head and NU 13-5/8" annular BOP. Test casing and BOP to 600 psi for 30 minutes. Drill a 12-1/4" hole to  $\pm 4200'$ . Run 8-5/8" casing and cement with sufficient 65/35 Class "C" POZ/cement, 6% gel, 10% salt followed by 300 sx Class "C" cement to circulate. Drill 7-7/8" hole to 13,000'. Run 5-1/2" casing and cement to 8000' with Class "H" cement, 1.0% fluid loss additive, 5% salt.

An 11" x 5000 psi BOP stack will be nipped up on the 8-5/8" casing. It will consist of an annular double ram preventer and choke manifold - test casing to 1500 psi and test BOP stack to 5000 psi.

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 Darrell Roberts TITLE Senior Drilling Engineer DATE Sept. 15, 1992

TYPE OR PRINT NAME Darrell Roberts 915/  
TELEPHONE NO. 687-3551

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

SEP 18 '92

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

RECEIVED

SEP 17 1992

OCD HOBBS OFFICE