

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

**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

API NO. (assigned by OCD on New Wells)

30-015-27374

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

647

**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

Illinois Camp "17" State

8. Well No.

1

9. Pool name or Wildcat

Illinois Camp Morrow, North Und.

2. Name of Operator

Mewbourne Oil Company

3. Address of Operator

P. O. Box 5270 Hobbs, New Mexico 88241

4. Well Location

Unit Letter F : 1980 Feet From The West Line and 2180' Feet From The North Line

Section 17 Township 18S Range 28E NMPM Eddy County

10. Proposed Depth

10,550'

11. Formation

Morrow

12. Rotary or C.T.

Rotary

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

3615 GR

14. Kind & Status Plug. Bond

Blanket on File

15. Drilling Contractor

Peterson Drlg. Co.

16. Approx. Date Work will start

May 15, 1993

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#	400' ±	400	surface
12 1/4"	9 5/8"	36#	2600' ±	1,000	Tie back into Surf.
8 3/4"	5 1/2"	17#	10,550' ±	600	6,000'

BOP PROGRAM:

Hydril annular preventor (bag-type preventor) 900 series on surface casing to intermediate casing point.  
Schaffer LWS or equivalent (double-ram hydraulic) 900 series w/Hydril 900 series from intermediate casing to total depth. Rotating head, PVT system, flow monitors, and mud-gas separators from top of Wolfcamp formation to T.D.

MUD PROGRAM:

0 - 400' Fresh water w/spud mud, paper for LCM as needed.  
400' - 2600' Brine water with paper for LCM as needed and lime for pH.  
2600' - 9,500' Cut brine with paper for LCM and lime for pH.  
9,500' - 10,550' Cut brine with Drispac, starch, salt gel, soda ash, and caustic soda. WT. 9.2 - 9.8 ppg, WL 10 cc's or less, vis. 30 - 34.

POST 10-1  
4-16-93  
NEWLOG & API

GAS IS NOT DEDICATED.

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 Bill Pierce TITLE Drilling Superintendent DATE April 4, 1993

TYPE OR PRINT NAME Bill Pierce

505  
TELEPHONE NO. 393-5905

(This space for State Use)

APPROVED BY

Mark Reilly

DATE

April

DATE

4-8-93

APPROVAL PERIOD 180 DAYS

PERMIT EXPIRES 10-8-93

UNLESS DRILLING UNIT REMAINS