

STATE OF NEW MEXICO
 OIL CONSERVATION DIVISION
 P. O. BOX 2088
 SANTA FE, NEW MEXICO 87501

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Form C-101
 Revised 10-1-78

5A. Indicate Type of Lease
 STATE ☒ FILE ☐
 5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

North Lake McMillan

9. Well No.

10. Field and Pool, or Wildcat

17. County

Eddy

19. Proposed Depth

9930

19A. Formation

Morrow

20. Rotary or C.L.

Rotary

22. Approx. Date Work will start

April 15, 1981

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

DRILL ☐ DEEPEN ☐ PLUG BACK ☒

Type of Well

CON ☒ OTHER ☐ SINGLE ☒ MULTIPLE ☐

Name of Operator

Robert N. Enfield

Address of Operator

P.O. Box 2431 Santa Fe, New Mexico

UNIT LETTER LOCATED 1980

FEET FROM THE South

1980

FEET FROM THE East

LINE OF SEC. 12

TWP. 19

R. 26

19. Proposed Depth

9930

19A. Formation

Morrow

20. Rotary or C.L.

Rotary

22. Approx. Date Work will start

April 15, 1981

21A. Kind of Cement Plug Bond

Approved

21B. Drilling Contractor

Moranco

21C. Kind of Cement Plug Bond

Approved

21D. Kind of Cement Plug Bond

Approved

21E. Kind of Cement Plug Bond

Approved

21F. Kind of Cement Plug Bond

Approved

21G. Kind of Cement Plug Bond

Approved

21H. Kind of Cement Plug Bond

Approved

21I. Kind of Cement Plug Bond

Approved

21J. Kind of Cement Plug Bond

Approved

21K. Kind of Cement Plug Bond

Approved

21L. Kind of Cement Plug Bond

Approved

21M. Kind of Cement Plug Bond

Approved

21N. Kind of Cement Plug Bond

Approved

21O. Kind of Cement Plug Bond

Approved

21P. Kind of Cement Plug Bond

Approved

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2" O.D.	13-3/8" O.D.	43#/ft.	323' K.B.	325 sacks	40 sk. circ.
12-1/4" O.D.	9-5/8" O.D.	36 & 32#/ft.	2180' K.B.	900 sacks	100 sk. circ.
7-7/8" O.D.	4-1/2" O.D.	11.60#/ft.	9928' K.B.	840 sacks	7250' K.B.

- PRESENT DATA: Perforations: 9201' through 9594' (total 176 holes) (Atoka)
- OBJECTIVE:
 - First plug: ⁵⁰ sacks from 9450' to 8977', Class "H" neat.
 - Run Free Point and cut-off 4-1/2" casing above TOC at 7250 K.B. If cut-off point is above 6500', tag second plug prior to continuing operation.
 - Second Plug: 40 sacks in and out of stub, Class "H" neat.
 - Third plug: 40 sacks in open hole at 5500' to 5360', Cla: "H" Neat.
 - Fourth plug: 40 sacks in open hole at 4100' to 3960', Cla: "H" Neat.
 - Fifth plug: 40 sacks in open hole at 2590' to 2450', Cla: "H" Neat.

Continued on page 2.

ONE 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.

Title

Date

(This space for State Use)

APPROVED BY

TITLE

DATE

REMARKS OR APPROVAL, IF ANY:

G. Sixth plug: 80 sacks in open hole at 2280' to 2152'
(128' plug) Dress plug.

3. RECOMPLETION OBJECTIVE:

A. Perforate 9-5/8" O.D. casing across San Andres in the following intervals:

- (1) 1500' - 1526'
- (2) 1880' - 1948'
- (3) 2100' - 2140'

B. Breakdown and swab test for futher evaluation, and place on production.

4. PLUG AND ABANDON:

If non-commercial continue with plugging operation as per New Mexico Oil Conservation Commission rules and regulations, as specified from District Office.

TOP OF STUB 6600' KB
SPOTTED CBB9
TAGGED @ 6530'