

NM OIL CON<sup>o</sup> COMMISSION  
Drawer DD  
Artesia, NM 88210  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN 1 PLICATE<sup>o</sup>  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.15-24725  
LEASE DESIGNATION AND SERIAL NO.  
LC-064488  
NAME OF INDIAN, ALLOTTEE OR TRIBE NAME

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

3. NAME OF OPERATOR

Yates Petroleum Corporation

4. ADDRESS OF OPERATOR

207 S. 4th, Artesia, New Mexico 88210

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At proposed

2310' FSL and 2310' FSL

At proposed prod. zone

same

14. DISTANCE IN MILES AND FEET FROM NEAREST TOWN OR PORT OF ENTRY

Approximately 5 miles west of Dayton, New Mexico.

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, ETC.

(Also to nearest drlg. unit line, if any.)

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETION,  
OR APPLIED FOR, ON THIS LEASE OR

.3 mile

19. PROPOSED DEPTH

2800'

21. ELEVATIONS (Show whether DE, RT, GL, etc.)

3481' GL

22.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 17 1/2"      | 13 3/8"        | 48# J-55        | 400'          | circulate          |
| 12 1/2"      | 8 5/8"         | 24# J-55        | 1120'         | circulate          |
| 7 7/8"       | 5 1/2"         | 9.5# J-55       | TD            | circulate          |

Propose to drill and test the Yeso and San Andres formations. Approximately 400' of surface casing will be set to shut off gravel and caving and intermediate casing will be set at least 100' below the Artesian Water Zone. A tapered production string will be run and the cement will be circulated on each casing string.

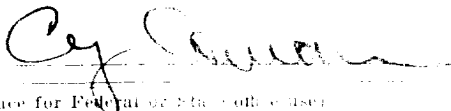
MUD PROGRAM: FW gel/LCM to 1200', or dry drill, FW to TD.

BOP PROGRAM: BOP's will be installed and tested daily.

23. ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed



TITLE Regulatory Agent

DATE 12/13/83

(This space for Federal or State collection use)

PERMIT NO.

APPROVAL DATE

District Manager

DEC 20 1983

APPROVED BY (Orig. Sgd.) Earl R. Cunningham

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY.