

Form 9-331 C  
(May 1963)SUBMIT IN DUPLICATE  
JUN 10 1980 on  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYO. C. D.  
ARTESIA, OFFICE

30-015-23362

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

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Yates Petroleum Corporation ✓

## 3. ADDRESS OF OPERATOR

207 South 4th Street, Artesia, New Mexico 88210

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

At surface

1980 FSL and 2030 FWL  
At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

27 miles west of Carlsbad

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1980'

## 16. NO. OF ACRES IN LEASE

640

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

approx. 9300'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4164.0 GL

## 22. APPROX. DATE WORK WILL START\*

ASAP

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13 3/8"	42# J-55	335'	300 sx circulate
12½"	8 5/8"	24 3/4# J-55	1126'	500 sx circulate
7 7/8"	5½ or 4½"	17 & 15.5# or 10.5 - 11.6#	9300'	390 sx

We propose to drill and test the Mississippian Lime and intermediate formations. Approximately 335' of surface casing and 1126' of intermediate casing will be set and cemented to the surface. If commercial pay is encountered, will run 5½ or 4½" casing, cement with a minimum of 600' cover, perforate and stimulate as needed for production.

MUD PROGRAM: FW gel & LCM to 1126'; fresh water to 7500' (with KCL added at 4100', flosal & drispak as needed), flosal-drispak-KCL to TD; MW 8.6-9.0, Vis 33-55, WL 14-7, FC 1/32, oil 2-4% diesel.

BOP PROGRAM: BOP's on 8 5/8" casing, tested daily. Will Yellow Jacket prior to drilling Wolfcamp.

GAS 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. 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

John A. Lopez

TITLE Regulatory Coordinator

DATE May 21, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

June 7, 1980

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

