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SUBMIT TRIPLICATE\*

(Other instructions on  
reverse side)Copy to ST  
Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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 FNL 1980 FWL of Sec 28-19S-24E

At proposed prod. zone

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

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## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 16. NO. OF ACRES IN LEASE

O. C. C.

ARTESIA, OFFICE

## 19. PROPOSED DEPTH

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Pulling Unit

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

3731 GR = 3748 KB

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

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½	13 3/8	48#	208'	125 sx - Circ
12½	8 5/8	24#	947'	600 sx - Circ
7 7/8	4½	10.5 & 11.6#	8182'	275 sx - Cement top @6990'

Strawn perforations 8101-8107, 8076-8085 and 8028-8032 have been depleted. Bottomhole pressure survey run 3-27-78 shows 282 psi. We propose to set a bridge plug at about 7550' with 20' cement on top of plug, then perforate and test lower Canyon porosities at 7496-7500 and 7446-7452. We will stimulate as needed for production.

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U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and location of new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measurements, including vertical depths. Give blowout preventer program, if any.

24. SIGNED Eddo M. Martinez TITLE Engineer DATE April 5, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APR 6 - 1978

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

APR 6 - 1978

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side