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SUBMIT IN PLICATE\*  
(Other instructions on  
reverse side)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 4, Artesia, NM 88210 ARTESIA OFFICE

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

At surface  
1980' FSL & 990' FWL

At proposed prod. zone

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

Approx. 9.5 miles Southwest of Artesia

## 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

420

## 19. PROPOSED DEPTH

approx. 8570'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3519.5 GL

22. APPROX. DATE WORK WILL START\*  
as soon as possible

## 23.

## 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	approx. 360'	320 sx circulate
12 1/4"	8 5/8"	24# J-55	approx. 1160'	620 sx circulate
7 7/8"	4 1/2 or 5 1/2"	15.5 - 17#	approx. 8570'	400 sx
		10.5 - 11.6#		

We propose to drill and test the Morrow and intermediate formations. Approx. 360' of surface casing will be set to shut off gravel and cavings, and intermediate casing will be set 100' below the Artesian Water Zone. If commercial will run 4 1/2" or 5 1/2" with 600' cement cover, will perforate and stimulate as needed for production.

MUD PROGRAM: F.W. Gel and LCM to 1160, fresh water to 4000', 2% KCL water to 6300', starch-driskpak-KCL to 7800', Flosal-Driskpak-KCL to TD.

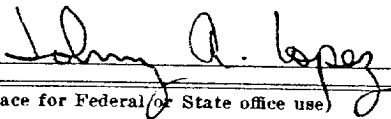
BOP PROGRAM: BOP's and hydril will be installed on the 8 5/8" casing and tested

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



TITLE Regulatory Coordinator

DATE June 3, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Mr. Sgd.) GEORGE H. STEWART

DISTRICT ENGINEER

APPROVED BY

TITLE

DATE OCT 22 1980

CONDITIONS OF APPROVAL, IF ANY: