

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 ☐

## 2. NAME OF OPERATOR

Yates Petroleum Corporation ✓

## 3. ADDRESS OF OPERATOR

105 South Fourth Street - Artesia, New Mexico 88210

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

At surface 660' FNL and 1980' FEL

At proposed prod. zone

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

Approximately 20 miles southwest of Artesia, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 660'18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

4800'

## 16. NO. OF ACRES IN LEASE

600

## 19. PROPOSED DEPTH

8000'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3688.0' GR 3588' 6"

## 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
17 1/2"	13 3/8"	48# H-40	400'	300SK-Circulate
14 3/4"	9 5/8"	36# K-55	1200'	600SK-Circulate
8 3/8"	7"	26# K-55+	TD	600SK
		23# S-95		

We propose to drill and test the Canyon and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and cavings. Approximately 1200' of intermediate casing will be set with cement circulated. If commercial, production casing will be ran and cemented with adequate cover, perforated and stimulated as needed for production.

Mud Program: FW Gel/LCM to 1200'; fresh water to 4900'; cut Brine 7500'; SW Gel/Starch/Dris PAK to TD.

BOP Program: BOP's will be installed on 9 5/8" casing and tested daily.

Posted ID-1  
NL API  
8-1-86

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

Cliff R. May

TITLE

Regulatory Agent

DATE July 15, 1986

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Scott Adams Acting

TITLE

REG. AGENT

DATE

7-24-86

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED