

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYAmended  
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 AMENDED

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Yates Petroleum Corporation

## 3. ADDRESS OF OPERATOR

207 South 4th Street - Artesia, NM 88210

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

At surface

2310' FNL &amp; 150' FEL of Sec. 26-18S-25E

At proposed prod. zone

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

Approx 10 miles South of Artesia, NM

## 15. DISTANCE FROM PROPOSED\*

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

330'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

810'

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

Approx 2500'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3463' GR

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

As soon as approved

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14½"	10-3/4"	30#	Approx 300'	Circulate
9½"	7"	23#	" 1150'	Circulate
6½"	5½&4½"	15.5&9.5#	" 2500'	225 sacks

This Amended Report is being submitted to change the proposed total depth of 1500' (to test the Slaughter formation) to 2500' to test the Yeso Formation.

Surface casing will be set at approx. 300' to shut off gravel and cavings, intermediate casing will be set 100' below the Artesian water zone. A tapered string of 4½ & 5½" casing will be run for production.

BOP Program: - Install BOP's on intermediate casing and test daily.

Mud Program: - FW gel & LCM to 1150' or dry drill, FW to TD.

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

Engineer

DATE

10-17-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side