

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-21876

## 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, NM 88210

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

At surface

~~2130~~ FSL & 1650' FEL of Sec. 13-21S-21E

At proposed prod. zone

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

Approx. 27 miles SW of Lakewood, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

660'

## 16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

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

## 19. PROPOSED DEPTH

Approx. 8400'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

4517 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
12½"	8-5/8"	24#	Approx. 1500'	Circulate
7-7/8"	5½ or 4½"	15.5-17# or 10.5-11.6#	" 8400'	to be determined

Propose to drill and test the Morrow and intermediate formations.

Approx. 1500' of surface casing will be set thru the Glorieta, cement circulated. If commercial pay is encountered, will run 5½" or 4½" production casing.

Mud Program: - FW gel & LCM to Casing Point, FW to 3400', KCL wtr to 6600', Flosal-Drispak type mud to TD.BOP Program: - BOP's and Hydril will be installed on 8-5/8" casing and tested. Will Yellow Jacket prior to drilling Wolfcamp formation, flow control and pit level indicator will be used.Gas Acreage 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 lease and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Eddie M. Wally

TITLE

Engineer

DATE

6-25-76

(This space for Federal or State office use)

APPROVED  
Verbally  
JUL 2 1976SUBJECT TO ATTACHED DEEP WELL CONTROL  
REQUIREMENTS DATED JUN 29 1973

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:  
R. L. BEEKMAN  
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.

OCT 29 1976

\*See Instructions On Reverse Side

DECLARED WATER BASIN

CEMENT MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO

WITNESS CEMENTING THE