

RECEIVED BY

N.M. STATE COMMISSION

SUBMIT IN DUPLICATE\*

Form approved.  
Budget Bureau No. 42-R1425.

NOV 22 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR

O. C. D. GEOLOGICAL SURVEY

(Other instructions on  
reverse side)

30-015-25494

## 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 Fourth Street - Artesia, NM 88210

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

At surface

2140' FNL and 660' FWL (Unit E)

At proposed prod. zone

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

Approximately 2 miles southeast of Loco Hills, 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.

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

11700'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3617' GR

## 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# J-55	Approx. 320' 450'	500 sacks - circulate
12-1/4"	8-5/8"	24# J-55	" 3575'	1100 sacks - to surface casing
7-7/8"	5-1/2"	17# N-80	11700'	500 sacks - cover productive zone

We propose to drill and test the Morrow and intermediate formations. Will set approx. 400' of surface casing to shut off gravel and cavings. Intermediate casing will be set at approximately 3200'. Both strings will be circulated. If commercial, will run 5-1/2" casing and cement with at least 600' of cover.

MUD PROGRAM: Spud mud to <sup>450</sup>400', brine to 3200', fresh water to 7000', cut brine/salt gel/starch/drisk to TD.

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

## 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.

SIGNATURE



TITLE Regulatory Agent

DATE Nov. 11, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED