

Form 9-331 C  
(May 1963)

SUBMIT IN TRIPLICATE\*

(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-23315  
RECEIVED  
MAY 12 1980

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, New Mexico 86901

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

At surface

660' FNL & 1980' FWL  
810 2180

At proposed prod. zone

RECEIVED

APR 8 1980

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

approx. 7 miles west and south of Dayton, NM

15. DISTANCE FROM PROPOSED\*

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

660'

16. NO. OF ACRES IN LEASE

40

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320 acres

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

"

19. PROPOSED DEPTH

9400'

20. ROTARY OR CABLE TOOLS

Rotary

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

3435.3 GL

22. APPROX. DATE WORK WILL START\*

ASAP Rig waiting

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#	approx. 420'	330 sx circulate
12 1/4"	8 5/8"	24#	approx. 1200'	900 sx circulate
7 7/8"	5 1/2" or 4 1/2"	15.5 - 17# or 10.5 - 11.6#	TD	500 sx

We propose to drill and test the Morrow and intermediate formations. Approximately 420' of surface casing will be set at least 100' below the Artesian water sands, cement circulated on both strings. If commercial will run 5 1/2" or 4 1/2" casing and cement with 600' of cover.

MUD PROGRAM: F.W. gel & LCM to 1200', water to 6200'. Starch-Drispak-KCL mud to 8200' flosal-drispak-KCL to TD.

BOP PROGRAM: BOP's and hydril on 8 5/8" casing and tested, pipe rams daily for operational, yellow jacket prior to drilling Wolfcamp (5800')

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

(This space for Federal or State office use)

TITLE

Geographer

DATE

4/3/80

PERMIT NO.

APPROVAL DATE

5-8-80

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: