

NMOCC COPY

SUBMIT IN TRIPPLICATE*

(Other instr us on
reverse)Form approved.
Budget Bureau No. 42-R1425.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

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation ✓

3. ADDRESS OF OPERATOR

207 S. 4th Street, Artesia, New Mexico 882

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

At surface

1980' FSL & 1980' FEL

At proposed prod. zone

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

8 miles NW of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

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

1980'

16. NO. OF ACRES IN LEASE

478.81

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

7700'

20. ROTARY OR CABLE TOOLS

Rotary

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

3541.6

22. APPROX. DATE WORK WILL START*

As soon as possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13 3/8"	48# K-55	Approx. 350'	Circulate 255 sx
12½ - 11"	8 5/8"	24# K-55	Approx. 1050'	Circulate 350 sx
7 7/8"	5½" or 4½"	15.5-17# K-55 or 10.5-11.6#	TD	200 sx

Propose to drill and test the Mississippian and intermediate formations. Approx. 350' of surface casing will be run and cement circulated to shut off gravel and caving. Intermediate casing will be set 100' below the Artesian Water Zone. If commercial pay is encountered, will run 5½" or 4½" casing, cement w/min of 600' cover, perforate and stimulate as needed for production.

MUD PROGRAM: FW Gel to casing point, fresh water to 5000', KCL water to 7000', flosal-drisk mud to TD.

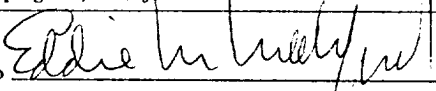
BOP PROGRAM: BOP's and hydril on 8 5/8" casing tested, pipe rams daily, blinds on trips. Will Yellow Jacket prior to drilling Wolfcamp formation.

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



TITLE

Engineer

DATE

2/7/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

3-2-79

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side