

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23180

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 Corporation3. ADDRESS OF OPERATOR
207 South 4th Street, Artesia, New Mexico 882104. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 660' FSL and 1980' FEL
At proposed prod. zone14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles NE of Carlsbad, New Mexico15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

3281.5 GR

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# K-55	approx. 600'	Circulate
12 1/4"	8 5/8"	32# K-55	approx. 3000'	Circulate
7 7/8"	5 1/2" or 4 1/2"	17-20# N-80 11.6# - 13.5# N-80	TD	250 sacks

Proposed to drill to 11,750' and test the Morrow and intermediate horizons. Approximately 600' of surface casing and 3000' of intermediate casing will be set and cemented to the surface. If commercial pay is encountered, will run 5 1/2" or 4 1/2" casing, cement w/min of 600' cover, perforate and stimulate as needed for production. Non-standard location has been approved.

MUD PROGRAM: FW gel and LCM to 3000', water to 8700', brine to 10500', flosal-driskpak-brine mud to TD.

BOP PROGRAM: BOP's & 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

Eddie L. Wahler

TITLE

Engineer

DATE

1/24/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

2-12-80

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

NSL-R6252