

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

ARTESIA, OFFICE

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

1980' FNL & 1980' FWL

At proposed prod. zone

Same

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

Approximately 6 miles west and south of Dayton, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1980'

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

approx. 9350'

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

3453.8 GL

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. 400'	325 sx Circulate
12 1/4"	8 5/8"	24#	Approx. 1200'	900 sx Circulate
7 7/8"	5 1/4 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. Approx. 400' 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 8100' Flosal-Drispak-KCL to total depth.

BOP PROGRAM: BOP's and hydril on 8 5/8" casing and tested, pipe rams daily for operational, yellow jacket prior to drilling Wolfcamp (5700')

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

Glencio Rodriguez

TITLE

Geographer

DATE November 11, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

11-21-79

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: