

NMCC COPY

SUBMIT IN TRIPLICATE*

Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22423

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒ARTESIA, M. OFFICE
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

1980' FSL & 660' FWL of Section 21-18S-25E

At proposed prod. zone

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

Approximately 10 miles southwest of Artesia

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

320

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

8870'

20. ROTARY OR CABLE TOOLS

Rotary

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

3560.8' GR

22. APPROX. DATE WORK WILL START*

January 1978

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#	400'	Circulate
12½"	8-5/8"	24#	1280'	Circulate
7-7/8"	4½ or 5½"	15.5 or 10.5#	TD	250 sacks

Propose to drill and test Morrow and intermediate formations. Approximately 390' of surface casing will be set to shut off gravel and caving, cemented to the surface. Intermediate casing will be set 100' below the Artesian Water Zone. If commercial pay is encountered, will run 4½ or 5½" casing, cement, perforate and stimulate as needed for production.

Mud Program: FW Gel & LCM from surface to 1280', fresh water to 4000', KCL water to 6500', flosal-starch-KCL to 7100', Flosal-Drispak-KCL to TD.

BOP Program: BOP's will be installed on 8-5/8" casing and tested daily. Will Yellow Jacket prior to drilling Wolfcamp.

Gas acreage 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 Land Engineer

DATE 1-11-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

FEB 21 1978

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE FEB 21 1978

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES MAY 21 1978

*See Instructions On Reverse Side