

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other inst' tions on
revers e)

30-015-22049

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, NM 88210

FEB 11 1977

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

At surface

1980' FSL & 1980' FWL of Section 7-20S-29E

D. G. C. ARTESIA, OFFICE

At proposed prod. zone

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

11 mi NE of Carlsbad, New Mexico

15. 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.

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

19. PROPOSED DEPTH

11700'

20. ROTARY OR CABLE TOOLS

Rotary

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

3270' GR

22. APPROX. DATE WORK WILL START*

As soon as approved

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 New | Approx 600' | Circulate |
| 12"-11" | 8-5/8" | 32# K-55 New | Approx 3000' | Circulate |
| 7-7/8" | 5½" or 4½" | 17-20# N-80 11.6#-13.5# N-80-all new | TD | 250 sacks |

Propose to drill to 11900' and test the Morrow and intermediate horizons. Approx 600' of surface casing and 3000' of intermediate casing will be set and cemented to the surface. 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 & LCM to 3000', water to 8700', brine to 10500' Flosal-Drispak-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 acreage not dedicated

RECEIVED

JAN 20 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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. Hays

TITLE

Engineer

DATE

1-19-77

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAY 10 1977

*See Instructions On Reverse Side

DECLARED WATER BASIN
CEMENT BEHIND THE
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO
CIRCUATE CEMENT BEHIND THE CASING.