

N. M. O. C. C. CORP
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN PLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-015-22074

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 Fourth Street

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

At surface

1980' FSL & 660' FEL of Section 12-20S-28E

At proposed prod. zone

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

11 miles NE of Carlsbad, NM

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. 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

MAR 11 1977

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

19. PROPOSED DEPTH

11,900 C.C.

20. ROTARY OR CABLE TOOLS

Rotary

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

3264 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 |
|---------------|------------------|-----------------------------------|---------------|--------------------|
| 17 1/2" | 13-3/8" new | 48# K-55 | Approx. 600' | Circulate |
| 12 1/2" & 11" | 8-5/8" new | 32# K-55 | Approx. 3000' | Circulate |
| 7-7/8" | 5 1/2" or 4 1/2" | 17-20# N-80 or 11.6-13.5# N-80 | TD | 250 sacks |

Propose to drill and test the Morrow and intermediate formations. Approximately 600' of surface casing will be set and cemented to the surface. Intermediate casing will be set near top of Delaware and cemented to the surface. If commercial pay is encountered, will run 5 1/2" or 4 1/2" casing, cement w/600' cover, perforate and stimulate as needed for production.

MUD PROGRAM: F.W. Gel & LCM to 3000', water to 8700', brine to 10,500', Flosal-Drispak-Brine mud to TD; MW - 10 ppg.

BOP PROGRAM: BOP's & Hydril will be installed on 8-5/8" casing and tested, pipe rams daily, blind rams on trips. 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

Eddie L. Halpern

TITLE

Engineer

DATE

2-8-77

(This space for Federal or State-office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

SEE IF OPERATIONS

ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES

JUN 10 1977

*See Instructions On Reverse Side

DECLARED WATER BASIN

CEMENT BEHIND THE 8 1/2" CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 8 1/2" CASING