

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instruct on
reverse side)Form approved
Budget Bureau No. 42-R1425.

30-015-22909

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 S. 4th Street, Artesia, New Mexico 88210

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

At surface

330' FNL & 2310' FWL

At proposed prod. zone

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

27 miles west of Carlsbad

O. C. C.
ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

1720 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.

3/4 mi. E

19. PROPOSED DEPTH

Approx. 9200'

20. ROTARY OR CABLE TOOLS

Rotary

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

4147 GR

22. APPROX. DATE WORK WILL START*

ASAP

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"	42# J-55	335'	300 sx Circulate
12 1/4"	9 5/8"	32# J-55	1126'	500 sx Circulate
7 7/8"	5 1/2" or 4 1/2"	17 & 15.5# or 10.5 - 11.6#	TD	390 sx

We propose to drill and test the Mississippian Lime and intermediate formations. Approximately 335' of surface casing and 1126' 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 with a minimum of 600' cover, perforate and stimulate as needed for production.

MUD PROGRAM: F.W. Gel & LCM to 1126'; fresh water to 7500' (with KCL added at 4100', flosal & drispak as needed), flosal-driskak - KCL to TD; MW 8.6-9.0, Vis 33-55, WL 14-7, FC 1/32, oil 2-4% diesel.

BOP PROGRAM: BOP's on 9 5/8" casing, tested daily. Will Yellow Jacket prior to drilling Wolfcamp.

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. Halyard

TITLE Engineer

DATE 4/12/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

4-25-79

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side