

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYC/SF
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, Artesia, New Mexico 88210

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

At surface

1980' FSL & 1980' FEL
2130

At proposed prod. zone

same

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

Approximately 58 miles South of Artesia, NM.

15. DISTANCE FROM PROPOSED*

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

1980'

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

10,500'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

4028.9 GL

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"	48# J-55	Approx. 350'	300 sx circulate
12 1/4"	8 5/8"	24# J-55	Approx. 2500'	1050 sx circulate
7 7/8"	5 1/2" or 4 1/2"	17# 15.5 or 11.6-10.5	TD	300 sx circulate

Propose to drill and test the Morrow and intermediate horizons. Surface casing will be set at approximately 350' to shut off gravel and caving. Intermediate casing will be set 100' below the water zone and cement will be circulated for both strings. If commercial, 5 1/2" or 4 1/2" production casing will be run and cemented with adequate cover, perforate and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to about 2500'; FW to 5000'; KCL - starch - drispak mud to 9000', and flosal - drispak- KCL mud to TD.

BOP PROGRAM: BOP's and hydril will be installed on 8 5/8" casing and tested, pipe rams tested daily, blind rams on trips. Will Yellow Jacket prior to drilling Wolfcamp.

GAS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and the proposed program. Give blowout preventer program, if any.

24.

SIGNED

TITLE Regulatory Manager

DEC 17 1981

DATE 12/15/81

(This space for Federal or State office use)

APPROVED

PERMIT NO.

APPROVAL DATE

APPROVED BY

JAN 5 1982

TITLE

DATE

CONDITIONS OF APPROVAL

JAMES A. GILLHAM
DISTRICT SUPERVISOROIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO