

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-24028

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

1980' FNL and 660' FWL

At proposed prod. zone

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

23 miles ESE of Artesia, New Mexico 88210

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

2752

19. PROPOSED DEPTH

11425'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3239.6 GL

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"	48# J-55	450'	450 ss circulate
12 1/4"	8 5/8"	24# J-55	2900'	800 ss circulate
7 7/8"	5 1/2"	17#-20# N-80	TD	425 ss

Propose to drill and test the Morrow and intermediate horizons. Will set approximately 450' surface casing to shut off gravel and casing, and will set intermediate casing at 2900' with both strings being circulated. If commercial, will run 5 1/2" and cement with at least 600' of cover.

MUD PROGRAM: FW gel and LCM to 2900'; water to 8400'; starch-driscopak-KCL to 10,400'; and flosal-driscopak-KCL to TD

BOP PROGRAM: BOP's and hydril on 8 5/8" casing and tested, pipe rams tested daily, blind rams on trips; yellow jacket, pit level control and flow sensor on prior to 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 location and proposed well depth. Give blowout preventer program, if any.

24.

SIGNED

TITLE Reg. Manager

DATE 12/4/81

(This space for Federal or State official use)

APPROVED

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DEC 7 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR

RECEIVED
DEC 04 1981

Posted 12-1
APE + M. Book
12-23-81

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO