

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

2. NAME OF OPERATOR

Yates Petroleum Corporation X

3. ADDRESS OF OPERATOR

105 South Fourth Street, Artesia, New Mexico 88210

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

At surface

2250' FNL & 1160' FWL

At proposed prod. zone

1815' FSL & 2145' FEL

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

10. 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.

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

3296' GR

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

19. PROPOSED DEPTH

12,200' TVD

20. ROTARY OR CABLE TOOLS

Rotary

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
26"	20"	94#	425'	900 <u>sx-circulate</u>
17-1/2"	13-3/8"	54.5#	1350'	1000 <u>sx-circulate</u>
12-1/4"	9-5/8"	36#	3250'	1500 <u>sx-circulate</u>
8-3/4"	5-1/2"	17 & 20#	TD	As Warranted

We propose to drill and test the Strawn and Intermediate formations. Approximately 425' of surface casing will be set and cement circulated. Approximately 1350' of 13-3/8" casing will be set and cement circulated. Approximately 3250' of 9-5/8" casing will be set and cement circulated. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: FW Gel/LCM 8.6#-9.6#, 34-40 vis to 425'; Brine 10#, 28 vis. to 1350'; FW to 3250';  
Cut brine, 8.8#-9.5#, 28 vis to 10,500'; Salt Water gel/Drispack/Starch 9.4#-10.0#, 32-40 vis to TD.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

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

Clifton L. May

TITLE Permit Agent

DATE 3-28-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AREA MANAGER  
CARLSBAD RESOURCE AREA

APPROVED BY

Orig. Signed by Richard L. Manes

TITLE

DATE 4-19-90

CONDITIONS OF APPROVAL AND

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

ATTACHED

\*See Instructions On Reverse Side