

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ RE-ENTRY 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 So. 4th Street-Artesia, NM 88210

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

At surface 1980' FNL & 1980' FEL of Sec. 8-17S-25E

At proposed prod. zone Same

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

5 miles West of Artesia, NM

15. DISTANCE FROM PROPOSED\*

660'

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\*

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

19. PROPOSED DEPTH

Approx. 5200'

20. ROTARY OR CABLE TOOLS

Reverse Unit

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

3587' GR

22. APPROX. DATE WORK WILL START\*

2-weeks

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"	72#	276'	280 sx
12 1/4"	8-5/8"	24#	1114'	750 sx
7-7/8"	5 1/2 or 4 1/2"	15.5 or 9.5#	5200'	150 sx

This well was drilled to a TD of 7840' by Pubco Petroleum Corporation and P & A.

Propose to re-enter this old hole and clean out to about 5200' and test the Abo formation. If commercial will run 5 1/2" or 4 1/2" casing and cement w/150 sx, perforate and simulate as needed.

Mud Program: - KCL water to 4800' and mud up to 40 Vis, 7.8 WL.

BOP Program: - BOP's will be installed and operative throughout drilling program.

Environmental Impact: - Existing roads and pad will be used, no new surface will be disturbed, water trucked as needed.

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 M. Kraft TITLE Engineer DATE 4-27-73

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE MAY 1 1973

APPROVED BY [Signature] TITLE ENGINEER DATE MAY 1 1973

CONDITIONS OF APPROVAL, IF ANY: