

NMOCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

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 South Fourth Street, Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface **2310' FNL & 1980' FEL of Sec. 15-21S-21E**
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
32 miles west of Carlsbad, NM

15. 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.)
4690' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48# J-55	Approx. 40'	2 yards Ready-Mix
12½"	8-5/8"	24# J-55	Approx. 1100'	600 sacks - circulate
7-7/8"	5½" or 4½"	15.5-17# K-55 or 10.5-11.6# K-55	TD	250 sacks
				300 sacks

Propose to drill & test the Morrow and intermediate formations. One joint conductor pipe will be set and approximately 1100' intermediate casing will be set through the San Andres water source. If commercial, will run 5½" or 4½" casing and cement with 600' cover.

MUD PROGRAM: FW Gel & LCM to 1100', water to 6000' (KCL @ 3500'), Flosal-Drispak-KCL mud to TD; 8.6-8.9 MW, 34-42 Vis, 14-7 WL.

BOP PROGRAM: BOP's & hydril on 8-5/8" casing & tested daily for operational, Yellow Jacket prior to drilling Wolfcamp.

GAS NOT DEDICATED.

RECEIVED

JUN 01 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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** *John L. Lusk* **TITLE** Engineer **DATE** 5-31-77

(This space for Federal or State office use)

PERMIT NO. _____ **APPROVAL DATE** JUL 7 - 1977

APPROVED BY *Joe J. Lora* **TITLE** ACTING DISTRICT ENGINEER **DATE** JUL 7 - 1977

CONDITIONS OF APPROVAL, IF ANY:

Subject to attached stipulations!

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES OCT 7 - 1977

***See Instructions On Reverse Side**

DECLARED WATER BASIN

CEMENT BEHIND THE CASING MUST BE CIRCULATED