

RECEIVED BY NM OIL CONS. COMMISSION
 UNITED STATES DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
 ARTESIA OFFICE
 DRAWER DD
 ARTESIA, NM 88210
 (Other instructions on back)

Form approved.
Budget Bureau No. 42-B1425.

30-105-20793

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 DRILLING COMPANY

3. ADDRESS OF OPERATOR
 207 South 4th Street, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 660' FSL and 1980' FEL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 28 miles north of Maljamar, New Mexico.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 660'

16. NO. OF ACRES IN LEASE
 1040

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 appr. 3100'

19. PROPOSED DEPTH
 appr. 3100'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4432' GL

22. APPROX. DATE WORK WILL START*
 ASAP

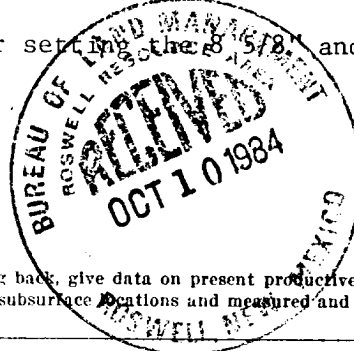
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24# H-50	appr. 400'	300 sx circ.
7 7/8"	5 1/2"	14#	TD	200 sx/tie back to base of salt

We propose to drill and test the Queen and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and caving. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW to 400', 10# Brine to TD. Mud up w/SW gel to log. LCM if needed.

BOP PROGRAM: BOP's will be installed after setting the 8 5/8" and tested daily.



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 Gustavo Rodriguez TITLE Regulatory Agent DATE 10-9-84
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY S/Phil Kirk TITLE Area Manager DATE 10-12-84
 CONDITIONS OF APPROVAL, IF ANY: