

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
2. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐  
3. NAME OF OPERATOR  
Yates Petroleum Corporation  
4. ADDRESS OF OPERATOR  
105 South Fourth Street, Artesia, NM 88210  
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 330' FSL and 430' FEL  
At proposed prod. zone  
6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
35 miles NE of Loving, New Mexico  
7. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)  
8. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.  
9. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3566' GR  
10. NO. OF ACRES IN LEASE  
11. NO. OF ACRES ASSIGNED  
TO THIS WELL  
12. PROPOSED DEPTH  
8500'  
13. ROTARY OR CABLE TOOLS  
Rotary  
14. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
NM-65417  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
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7. UNIT AGREEMENT NAME  
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8. FARM OR LEASE NAME  
Martha AIK Federal  
9. WELL NO.  
1  
10. FIELD AND POOL, OR WILDCAT  
Undes. Livingston Ridge  
11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Delaware  
Sec. 11-T22S-R31E  
12. COUNTY OR PARISH  
Eddy  
13. STATE  
NM

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"	54.5#	850'	Circulate - 850 sacks
12 1/4"	8 5/8"	32.0#	4500'	Circulate - 2500 sacks
7 7/8"	5 1/2"	17 & 20#	TD	Adequate cover - SEE STIPS.

Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 850' of surface casing will be set and cement circulated. Approximately 4500' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated, and stimulated as needed for production.

MUD PROGRAM: Native mud to 850'; Brine to 4500'; cut Brine to TD.

BOP PROGRAM: BOP will be installed at the offset and tested daily for operational.

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.

SIGNED Chifton R. May TITLE Permit Agent DATE 11-9-90

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 11-27-90

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.