

30-025-29926

Form 3160-3  
(November 1983)  
(formerly 9-331C)

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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  SINGLE BORE  MULTIPLE BORE

2. NAME OF OPERATOR  
 Exxon Corporation Attn: David A. Murray

3. ADDRESS OF OPERATOR  
 P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 At proposed prod. zone 2308' FSL and 1980' FEL of Sec. 33

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 17 miles NW from Jal

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg unit line, if any)  
 2308' FSL and 660' FWL

16. NO. OF ACRES IN LEASE  
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 320

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 None

19. PROPOSED DEPTH  
 14,300

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GR 3395.8

22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
 NM 21511  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Madera "33" Federal Comm.  
 9. WELL NO.  
 4  
 10. FIELD AND POOL, OR WILDCAT  
 Pitchfork Ranch - Atoka  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 33, T24S, R34E  
 12. COUNTY OR PARISH  
 Lea  
 13. STATE  
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	11 3/4	54	600	520 ft <sup>3</sup> CIRCULATE
10 5/8	8 5/8	24, 32	<del>5200</del> 5300'	2200 ft <sup>3</sup> CIRCULATE
7 7/8	5 1/2	17	13250 SJS	2800 ft <sup>3</sup>
4 3/4	Liner - 3 1/2	10.3	12,700 - TD	400 ft <sup>3</sup>

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 David A. Murray TITLE Permits Supervisor DATE 5-7-87  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY Linda S. C. Rundell TITLE \_\_\_\_\_ DATE 5/18/87  
 Acting Area Manager

CONDITIONS OF APPROVAL, IF ANY: