

**NM OIL CO. COMMISSION**  
**DRAWER DD**  
**ARTESIA, NM 88210**  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

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

30-015-28021  
FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1996

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK  
**DRILL ☒ DEEPEN ☐**

b. TYPE OF WELL  
**OIL WELL ☒ GAS WELL ☐ OTHER ☐**  
**SINGLE ZONE ☒ MULTIPLE ZONE ☐**

2. NAME OF OPERATOR  
**Marathon Oil Company**

3. ADDRESS AND TELEPHONE NO.  
**P.O. Box 552 Midland, Texas 79702**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
**At surface 990' FNL & 990' FWL**  
**At proposed prod. zone 990' FNL & 990' FWL**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**8.5 MI. W. OF LAKEWOOD, NM**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
**990'**  
\*Also to nearest drig. unit line, if any

16. NO. OF ACRES IN LEASE  
**640**

17. NO OF ACRES ASSIGNED TO THIS WELL  
**320**

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

19. PROPOSED DEPTH  
**8000'**

20. ROTARY OR CABLE TOOLS  
**ROTARY**

21. ELEVATIONS (Show whether OF, RT, GR, ETC.)  
**3779'**  
**Roswell Controlled Water Basin**

22. APPROX. DATE WORK WILL START  
**6-25-94**

5. LEASE DESIGNATION AND SERIAL NO.  
**NM 05608**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**BONE FLATS FEDERAL "12"**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**S.DAGGER DRAW, U.PENN**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**SEC. 12, T-21-S, R-23-E 15475**

12. COUNTY OR PARISH  
**EDDY**

13. STATE  
**NM**

**PROPOSED CASING AND CEMENTING PROGRAM**

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT           |
|--------------|-----------------------|-----------------|---------------|------------------------------|
| 17-1/2"      | 13-3/8"               | 48#             | 40'           | CONDUCTOR - REDIMIX TO SURF. |
| 12-1/4"      | 9-5/8"                | 36#             | 1200'         | 800 - CIRCULATE              |
| 8-3/4"       | 7"                    | 23#, 26#        | 8000'         | 1075 - TOC @ +/- 1000'       |

SEE ATTACHED MULTIPOINT AND DRILLING PROGRAM FOR SPECIFIC DETAILS.

\* THIS IS THE FIRST WELL TO BE DRILLED ON THIS LEASE.

*Post ID-1  
7-1-94  
Mud log & API*

**Approval Subject to  
General Requirements and  
Special Regulations  
Attached**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 W. J. Owens for T. B. Arnold TITLE DRILLING SUPERINTENDENT DATE 5-19-94

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Timothy J. O'Brien TITLE AREA MANAGER DATE 6-23-94

**\*See Instructions On Reverse Side**