

30-025-28528

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Salt Water Disposal SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Marathon Oil Company

3. ADDRESS OF OPERATOR
 P.O. Box 552 Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1625' FSL & 330' FWL
 At proposed prod. zone
 Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20 miles southwest of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 330'

16. NO. OF ACRES IN LEASE
 480

17. NO. OF ACRES ASSIGNED TO THIS WELL
 N/A

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 485'

19. PROPOSED DEPTH
 4600'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3659.4' GL, ±3669' KB.

22. APPROX. DATE WORK WILL START*
 As soon as possible

5. LEASE DESIGNATION AND SERIAL NO.
 NM-02127-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Lea Unit

8. FARM OR LEASE NAME
 Lea Unit

9. WELL NO.
 SWD #2

10. FIELD AND POOL, OR WILDCAT
 Lea

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec 12, T-20-S, R-34-E

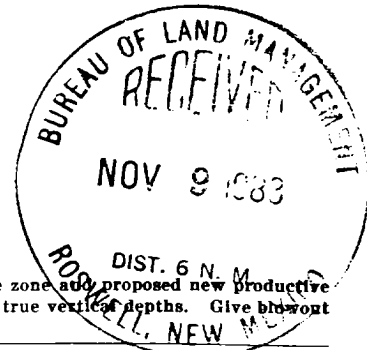
12. COUNTY OR PARISH
 Lea

13. STATE
 New Mexico

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3# H-40	900'	400 sacks
8 3/4"	7"	23# K-55	3800'	350 sacks

Propose to drill no deeper than 4600'.
 All casing will be cemented to surface and tested by approved methods.
 Blowout preventers will be 3000 psi W.P. pipe and blind rams (See Exhibit "A").
 Water injection would be in the Seven Rivers formation from 3800' to 4600'



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 Jerry L. Lewis TITLE Dist. Drilling Superintendent DATE 11-3-83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE District Manager

APPROVED BY 'Orig. Sgd.' Earl R. Cunningham DATE DEC 06 1983

CONDITIONS OF APPROVAL, IF ANY:

**APPROVAL SUBJECT TO
 GENERAL REQUIREMENTS AND
 SPECIAL STIPULATIONS
 ATTACHED**