

30-025-31324

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

b. TYPE OF WELL OIL WELL [] GAS WELL [X] OTHER [] SINGLE ZONE [] MULTIPLE ZONE []

2. NAME OF OPERATOR Meridian Oil Inc. 3a. AREA CODE & PHONE NO. 915-686-5600

3. ADDRESS OF OPERATOR P.O. Box 51810, Midland, TX 79710-1810

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

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 1/2 miles South of JAL

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 660' 16. NO. OF ACRES IN LEASE 160 17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3100' 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) 2991.1 GR 22. APPROX. DATE WORK WILL START* 6-1-91

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 7 columns: HOLE SIZE, CASING SIZE, WEIGHT/FOOT, GRADE, THREAD TYPE, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 12-1/4" hole to 400' and 7-7/8" hole to 3100'.

Drill 12-1/4" hole to 400' & set 8-5/8" csg. Cmt w/275 sx--circulate. Drill 7-7/8" hole to 3100' & set 5-1/2" csg. Cmt w/1000 sx--circulate. MUD PROGRAM: 0-400', fresh water gel & lime; 400'-3100', salt water w/MW 9.8-10.2 No abnormal pressures of temperatures expected. BOP PROGRAM: 10"-3M BOP stack to be installed on 8-5/8" and left for remainder of drilling. Stack to consist of annular BOP, blind ram BOP, and one pipe ram BOP. Test BOP's using and independent tester after setting the 8-5/8" csg.

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

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 [Signature] TITLE Regulatory Compliance Rep. DATE 6/5/91

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE APPROVED BY [Signature] TITLE CARLSBAD RESOURCE AREA DATE 7-10-91

*See Instructions On Reverse Side

RECEIVED

JUL 11 1991

0128
HOBBS OFFICE