

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
NM-29228

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Benson "3" Federal

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Shugart Queen

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 3, T19S, R30E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL
40

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START
1/15/90

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

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

2. NAME OF OPERATOR
Meridian Oil Inc.

3. ADDRESS OF OPERATOR
21 Desta Drive, Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
1650' FNL & 330' FEL, Sec. 3, T19S, R30E
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
11 miles Southeast of Maljamar, NM

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

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1320'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3448' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24	500'	450 sx. Circulate
7-7/8"	5-1/2"	15.5	3500'	700 sx. Circulate

Post FD-1
1-30-90
New Doc & APF

Drill 12-1/4" hole to 500'. Set 8-5/8" casing @ 500'. Cmt w/450 sx., Circ.

Drill 7-7/8" hole to 3500'. Set 5-1/2" casing @ 3500'. Cmt w/700 sx., Circ.

Mud Program: 0-500' Fresh water gel & lime; 500' - 3500' salt water; MW 9.8-10.2; No abnormal pressures or temperatures expected.

BOP Program: 10" - 3M BOP stack to be installed on 8-5/8" & left on for remainder of drilling. Stack to consist of annular BOP, blind ram BOP, and one pipe ram BOP. Test BOP's after setting 8-5/8" csg with independent tester.

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 Conrad L. Meridian TITLE Operations Tech III DATE 12/15/89
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY Shannon J. Shaw TITLE CARLENE FORBES DATE 1-17-90
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side