

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 ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS OF OPERATOR

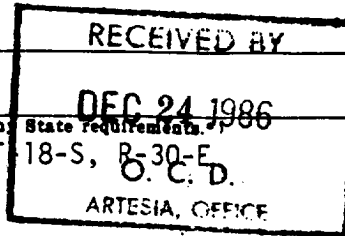
21 Desta Drive, Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1855' FSL & 635' FEL, Sec. 35, T-18-S, R-30-E

At proposed prod. zone



6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Culwin "35" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Shugart (Y,SR,Q,G)

11. SEC. T. R. M., OR BLK. AND SURVEY OR AREA

Sec. 35, T-18-S, R-30-E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

12 miles southeast of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest 616. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

40

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

NA

19. PROPOSED DEPTH

3450' 3850'

20. ROTARY OR CABLE TOOLS

Rotary

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

3478.6' GR 3475.1

22. APPROX. DATE WORK WILL START

12-10-86

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'	350 SX. CIRCULATE
7 7/8"	5 1/2"	15.5#	3450'	Volume CIRCULATE w/upper zone development (TOC by Temp Svy)

Drill 12 1/4" hole to 500'. Set 8 5/8" csg @ 500'. Cmt w/350 sx. Circulate. Test Grayburg and intermediate horizons. If commercial, run 5 1/2" csg to TD. Cmt with sufficient volume to bring above all prospective zones. Est TOC @ surf. Perf & stimulate Grayburg & Queen for production.

MUD PROGRAM: 0-500' spud mud; 500-2500' brine; 2500-TD Brine + gel & sweeps. MW 9.8-10, VIS 33-36. BHP @ TD expected to be 1600 psi.

BOP PROGRAM: 10"-3M BOP stack to be installed on 8 5/8" and left on for remainder of drilling. Stack to consist of annular BOP, blind ram BOP and one pipe ram BOP. Test BOP's after each new installation w/Yellow Jacket, Inc. Install rotating head after setting surface pipe.

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

Cathy Nohs

TITLE

Engineering Tech III

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.