

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
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Barbara Fasken

3. ADDRESS OF OPERATOR
 303 W. Wall Ave., Suite 1900, Midland, Texas 79701-5116

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

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 29 miles S.W. Hobbs

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 600±

17. NO. OF ACRES ASSIGNED TO THIS WELL 329±

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2952'

19. PROPOSED DEPTH 14,000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3604.2' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	AMOUNT OF CEMENT
17 1/2"	13-3/8"	48#/ft.	400'	350 ex. Lite
12 1/4"	8-5/8"	24 & 32#/ft.	5200'	1965 ex. Lite
7-7/8"	5 1/2"	17 & 20#/ft.	14000'	2 ex. 300 ex. 900 ex. 3000 "H" 20 "C"

1. Drill 17 1/2" hole to 400' with fresh water spud mud, run and cement at 400'.
2. Drill 12 1/4" hole to 5200' with brine water, run and cement casing at 5200'.
3. Test B.O.P.'s, choke manifold, valves, etc. at 5200', install gas separator.
4. Install PVT, flowline sensor and rotating head by 8000'.
5. Drill 7-7/8" hole from 5200' to 14000' - DST significant show.
6. Run open hole logs --- CNL-FDC and DLL.
7. Set and cement 5 1/2" casing at T.D. in two stages.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured blowout preventer program, if any.

24. SIGNED Jimmy Davis TITLE Agent
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

30-02538336

3. LEASE DESIGNATION 14486 SERIAL NO. _____

6. INDIAN ALLOTTEE OR TRIBE NAME _____

7. AGREEMENT NAME _____

8. FARM OR LEASE NAME _____

9. WELL NO. _____

10. FIELD AND POOL, OR CATEG. Quail Ridge (McGraw)

11. T, S, M, OR B. SURVEY OR AREA A-10-S-R-1

12. COUNTY OR PARISH Lea STATE Mexico

22. APPROX. DATE WORK START March 15, 1968

CIRCULATE
CIRCULATE
3000 "H"
20 "C"

APPROVED
JIMMY DAVIS
AGENT

RECEIVED
MAY 10 1988
OCS
KOBIS OFFICE