

clh

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 26 1993

O. C. D.

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK ☒ DRILL ☐ DEEPEN ☐
2. NAME OF WELL ☐ GAS WELL ☒ OTHER ☐
3. TYPE OF WELL ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Barbara Fasken

3. ADDRESS AND TELEPHONE NO.
(915) 687-1777
303 W. Wall Ave., Suite 1900, Midland, TX 79701-5116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1604' FNL & 1912' FWL
At proposed prod. zone 1604' FNL & 1912' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
18 miles Northwest of Carlsbad, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1604' / 1036'

16. NO. OF ACRES IN LEASE 640
17. NO. OF ACRES ASSIGNED TO THIS WELL 320
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3000'

19. PROPOSED DEPTH 10200'
20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4140' GR

22. APPROX. DATE WORK WILL START* December 1, 1992

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	H-40, 13-3/8"	48.0	350'	400 sx CIRCULATE
12-1/4"	K-55, 8-5/8"	24.0 & 32.0	3200'	1200 sx CIRCULATE
7-7/8"	N-80, 4-1/2"	11.60	10200'	600 sx (tie back at least 600' above top of Wolfcamp)

13-3/8" casing: Circulate to surface using 400 sx Class "C" cement with 2% CaCl2 (slurry weight 14.8 ppg, yield 1.32 cuft/sk)

8-5/8" casing: Circulate to surface using 1000 sx HLW "C" with 1/4#/sx Flocele (slurry weight 12.7 ppg, yield 1.84 cuft/sk) plus 200 sx Class "C" with 2% CaCl2 (slurry weight 14.8 ppg, yield 1.32 cuft/sk).

4-1/2" casing: 400 sx HLW "H" with 0.5% Halad-22A (S.W. 12.7 ppg, yield 1.84 cuft/sx) plus 200 sx Class "H" with 3#/sx KCl, 0.8% Halad-22A and 0.4% CFR-2 (slurry weight 15.6 ppg, yield 1.22 cuft/sx). Est. top of cement 6500'. (SEE STIPS)

NOTE: Application for unorthodoxed location has been sent to the Oil Conservation Division of New Mexico.

POST 10-1
3-5-93
NEWLOG PART

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Tommy C. Taylor TITLE Drlg. & Prod. Engineer DATE 10/13/92

(This space for Federal or State office use)

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED
PERMIT NO. APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

Orig. Signed by Richard L. Manos

APPROVED BY AREA MANAGER DATE 2.25.93

* PENDING NSL APPROVAL

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the