

115F

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN  (Re-entry)

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

2. NAME OF OPERATOR  
 Fina Oil and Chemical Company 7853

3. ADDRESS AND TELEPHONE NO.  
 P.O. Box 10887 Midland, TX 79702-0887

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 656' FSL & 649' FWL, Sec 7, T-16-S, R-30-E  
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 9 miles NW of Loco Hills, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 649'

16. NO. OF ACRES IN LEASE 2501.32

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. NA

19. PROPOSED DEPTH 10,640'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3756' GR

22. APPROX. DATE WORK WILL START\* ASAP

5. LEASE DESIGNATION AND SERIAL NO.  
 NM 7724

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO. 19434  
 Tenneco Hagerty Federal No. 1

9. API WELL NO.  
 30-015-20295

10. FIELD AND POOL, OR WILDCAT  
 LITTLE LOCKS LAKE, McCREW  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec 7, T-16-S, R-30-E

12. COUNTY OR PARISH Eddy

13. STATE NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	11 3/4"	42	448'	300 sx
11"	8 5/8"	24, 32	2800'	755 sx (500 sx originally)
7 7/8"	4 1/2"	10.5, 11.6	10,640'	1030 sx

11 3/4" Casing: Already cemented in place.

8 5/8" Casing: Existing 8 5/8" 32# casing was shot off at 882' during abandonment. Plan to dress off top of 8 5/8" casing and tie back to surface using 8 5/8" 24# casing. Circulate to surface using 155 sx 35:65 Poz containing 6% gel and 3% salt. Tail with 100 sx CL "C" with 2% CaCL.

4 1/2" Casing: 635 sx CL "C" containing 15 lbs/sx fly ash, 11 lbs/sx fumed silica, 1.2% fluid loss additives, and 4 lbs/sx LCM. Tail with 395 sx CL "H" containing 5 lbs/sx fumed silica and 1.6% fluid loss additives.

Attached  
Special Situations and  
General Requirements

NSL-3713 Apprv. 10/17/96

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 Phil Miller Phil Miller TITLE Sr. Staff Engineer DATE 7-9-96

(This space for Federal or State office use)

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:

APPROVED BY (ORIG SOD) RICHARD L. MANUS TITLE Area Manager DATE AUG 14 1996

\*See Instructions On Reverse Side