

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
 Cleary Petroleum Corporation

3. ADDRESS OF OPERATOR
 P. O. Drawer 2358, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 760' FSL & 660' FEL
 At proposed prod. zone
 1320' FNL & 1320' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 1 1/2 mile southeast of Halfway, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1880' to lease line

16. NO. OF ACRES IN LEASE
 480

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.
 100'

19. PROPOSED DEPTH
 14,000' **

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3588' GR

22. APPROX. DATE WORK WILL START*
 12-15-77

5. LEASE DESIGNATION AND SERIAL NO.
 NM-15907

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Felmont Federal

9. WELL NO.
 1

10. FIELD AND POOL, OR SUBCAT
 UNDESIGNATED
 Salt Lake Morrow, South

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 25, T-20-S, R-32-E

12. COUNTY OR PARISH
 Lea

13. STATE
 N. M.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	1200'	450 sx (circulate)
17 1/2"	13 3/8"	48, 54.5 & 61#	2800'	850 sx (circulate)
12 1/4"	9 5/8"	43.5 & 40#	5200'	3250 sx (circulate - 2 stages)
7 7/8"	5 1/2"	17 & 20#	14000'	675 sx

* Surface location will be on Fee acreage as follows:
 760' FSL & 660' FEL of Section 25, T-20-S, R-32-E N.M.P.M.

"APPROVE WHILE DRILLING AND TESTING"

Bottom Hole location will be under Federal acreage as follows:
 Bottom of hole will be in the approximate center of the NE/4 of the same Section 25 (within a target of 200' radius and 3200' from the surface location in a direction of N 120 W).

** T.D. 14,000' TVD 13,500'

SEE ATTACHED FOR
 CONDITIONS OF APPROVAL

ABOVE 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 Buddy J Knight TITLE District Production Mgr. DATE 11-30-77
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

6-1-1977

OIL CONSERVATION COMM.
HOBBS, N. M.