

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-093-20313
5. LEASE DESIGNATION AND SERIAL NO.
NM 1696

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Boling Federal

9. WELL NO.

8-

10. FIELD AND POOL OR WILDCAT
Southwest Media
Entrada

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

Sec. 22, T19N, R3W

12. COUNTY OR PARISH

Sandoval

13. STATE

N.M.

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

2. NAME OF OPERATOR
Petro-Lewis Corporation

3. ADDRESS OF OPERATOR
P.O. Box 509 Levelland, Texas 79336

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 990' FNL & 2160' FWL ✓

At proposed prod. zone 5425'

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

13.8 Mi. SW of Cuba, N.M., on Hwy 197, SE 3.4 Mi.

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 990'

16. NO. OF ACRES IN LEASE
160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 600'

19. PROPOSED DEPTH
5425'

20. ROTARY OR CABLE TOOLS

Rotary

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

6869' GR

22. APPROX. DATE WORK WILL START*

1-23/78

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14-3/4"	10-3/4"	32.75#	500'	400 Sx. Class "A"
8-3/4"	7"	23.00#	5425'	700 Sx. Class "A"

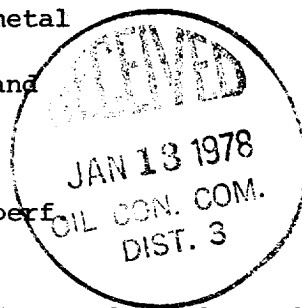
- Set 40', 10" conductor pipe and cmt. to surface.
- Drilg. 14-3/4" hole to 500' and set 10-3/4" csg. 32.75#, H-40, STC, and cmt. 100% excess, WOC 18 hrs., pressure test and drill out.
- Drilg. 8-3/4" hole to 5425', run GR-CNL-FDC, Dil. Log, run 7" csg. 23.00#, K-55, STC, and cmt. 50% excess.

Float shoe and float collar DV tool at 3200' w/2 metal pedal baskets.

1st Stage - 400 sx. cmt., TOC-4100' open DV tool and circ. 4/6 hrs.

2nd Stage - 300 sx. cmt., TOC-2500', WOC-18 hrs.

- Run temperature survey, locate TOC - 0-2900'.
- Run CBL-VDL-2000' - TD, cmt. bonding log w/GR-collar for perf.
- Prep to complete.



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 Don Carphy TITLE Sr. Drilling Foreman DATE 1/4/78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Handwritten notes: "Okal", "Hold C-100", "4-2-1", "21"