

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 ☐
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 2000' FNL & 1040' FWL
At proposed prod. zone 7000'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20.5 miles northwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2000'

16. NO. OF ACRES IN LEASE 981.39

17. NO. OF ACRES ASSIGNED TO THIS WELL 195.65

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1010'

19. PROPOSED DEPTH 7750' ✓

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7322 GR

22. APPROX. DATE WORK WILL START* 3-20-78

5. LEASE DESIGNATION AND SERIAL NO. SF-080566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Federal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Florance

9. WELL NO. 7 (Amended)

10. FIELD AND POOL OR WILDCAT Wildcat Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T25N, R3W

12. COUNTY OR PARISH Rio Arriba

13. STATE N.M.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	500'	300 sx. to surface
7-7/8"	5-1/2"	15.5# & 17#	7750'	1150 sx. to 2000'

1/31/78 - Petro-Lewis Corporation proposes the following:

1. Drill 12-1/4" hole to 500' and run 8-5/8" OD, casing, 24#, K-55, ST&C and cement w/300 sx. Class "A", 3% CACL₂, 4% gel, 1/4# sx. Flocele.
2. Drill 7-7/8" hole to 7750' and run GR-CNL-FDC-DIL log and run 5-1/2" OD casing, 15.5# and 17#, K-55, ST&C, and cement w/1150 sx. Class "A", 3% CACL₂, w/1/4# sx. Flocele.
 - A. DV Tool @ 4500'.
 - B. Two stage cement, circulate cement 1st stage.
 - C. TOC - est. 2000' 2nd stage.
3. Run temperature survey, locate TOC - 2000' est.
4. Run CBL-VDL-2000' to TD. Cement bonding log w/GR-collar locator for perf.
5. Prep to complete.
6. Rig has 10" 900 series Double Shaffer hydraulic BOP.

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 Ronald J. Insley TITLE Sr. Drilling Foreman DATE 5/25/78
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JUN 12 1978