

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

Petro-Lewis Corp.

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

2130' FNL and 960' FEL -

At proposed prod. zone 8420'

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

20 miles NW of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

981.39

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 N/391.56

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

19. PROPOSED DEPTH

8420'

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

1-27-78

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#	8420'	1225 sx. to 2000'

- Set 40' of 20" conductor pipe and cement to surface.
- Drill 12-1/4" hole to 500' and run 8-5/8" OD, 24#, K-55, casing and cement w/300 sx. to surface.
- Drill 7-7/8" hole to 8420' and run 5-1/2" OD, 15.5# and 17#, K-55 and cement w/1225 sx. to 2000', in two stages. DV tool @ 4500'.
- RI and run temperature survey, locate TOC - 2000' est.
- Run CBL-VDL - 2000' - TD, cmt. bonding log w/GR - collar for perf.
- Prep to complete as Dakota producer.
- Rig has 10" 3000 PSI, 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

Bm Impley

TITLE

Sr. Drilling Foreman.

DATE

1-12-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

OK

DATE

JAN 18 1978

*See Instructions On Reverse Side

U.S. GEOLOGICAL SURVEY