

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 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 400' FNL & 1980' FWL
 At proposed prod. zone 5346'-76'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 13 miles SW of Cuba, N.M.

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

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

19. PROPOSED DEPTH
 5450'

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6896' GR, 6910' KB, 6897' csg. head

22. APPROX. DATE WORK WILL START*
 2-25-78

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	32.74#	241'	150 sx. Cl "A" w/3% cc, to sur
8-3/4"	7"	20# & 23#	5436'	350 sx. 50/50 Posmix and 100 sx. Cl "C" w/8% gel

1-23-78 - On 12-23-77, Petro-Lewis Corp. received approval from Jerry Long, USGS, Durango, Colo., to plug and abandon the above Entrada Producer, and to plug and abandon the Federal Media #3 Gallup, Salt Water Disposal. Due to the necessity to provide adequate water disposal for the Southwest Media Unit, Petro-Lewis Corp. proposes to plug back the above exhausted, watered out, Entrada Producer and submit a request to recomplete the Gallup as a replacement salt water disposal well.

Plug Back Procedure:

- 1st Plug - Set 7", E-Z drill retainer @ 5300' and squeeze perfs - 5346'-76', spot 100' cmt. on top of retainer. Cmt. w/100 sxs. Class "C" Neat.
- 2nd Plug - Pump plug from 4300' to 3800'-500', with 100 sx. Class "C" Neat cmt.

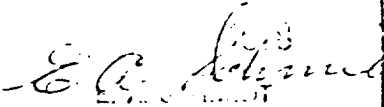
This Plug Back Application will be followed by a request to recomplete as a Gallup Salt Water Disposal.

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.

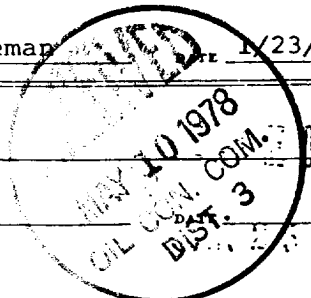
24. SIGNED: Ron Impley TITLE: Sr. Drilling Foreman DATE: 1/23/78

(This space for Federal or State office use)
 PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY: _____ TITLE: _____

CONDITIONS OF APPROVAL, IF ANY:

 DISTRICT SUPERVISOR

*See Instructions On Reverse Side



U.S. GEOLOGICAL SURVEY
 DENVER, COLO.