

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-043-20591
5. LEASE DESIGNATION AND SERIAL NO.
SF-079150

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

717 17th St., Energy Center One, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

860' FSL & 790' FWL (SW SW)

At proposed prod. zone

same

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

The location is 3.1 miles Northwest of Regina, New Mexico.

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

15. DISTANCE FROM PROPOSED*

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

790'

16. NO. OF ACRES IN LEASE

587.92

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160-154.18

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3175'

20. ROTARY OR CABLE TOOLS

Rotary

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

7365' GR

22. APPROX. DATE WORK WILL START*

Week of Oct. 10, 1981

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# K-55 ST&C	300'	225 sx Class A with 2% CaCl ₂
7 7/8"	4 1/2"	10.5# K-55 ST&C	3175'	200 sx Class A with 4% gel; tail in with 200 sx Class A

1. Drill 12 1/4" hole and set 8 5/8" surface casing to 300' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 7 7/8" hole to 3175'.
3. Run tests if warranted and run 4 1/2" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

- | | | | |
|-------------------------|---|-----|------------------|
| "A" | Location and Elevation Plat | "H" | Drill Rig Layout |
| "B" | The Ten-Point Compliance Program | | |
| "C" | The Blowout Preventer Diagram | | |
| "D" | The Multi-Point Requirements for A.P.D. | | |
| "E" & "E ₁ " | Access Road Maps to Location | | |
| "F" | Radius Map of Field | | |
| "G" & "G ₁ " | Drill Pad Layout, Production Facilities & Cut-Fill Cross-Sections | | |

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

William D. Fulton

TITLE

Petroleum Engineer

DATE

September 8, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

W.D. Fulton
sh

*See Instructions On Reverse Side

NMOC

APPROVED

DATE

SEP 17 1981

Dean Elliott
FOR DISTRICT ENGINEER

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

EXHIBIT "A"
Location and Elevation Plat
Form O-102
Revised 10-1-73

All distances must be from the outer boundaries of the Section

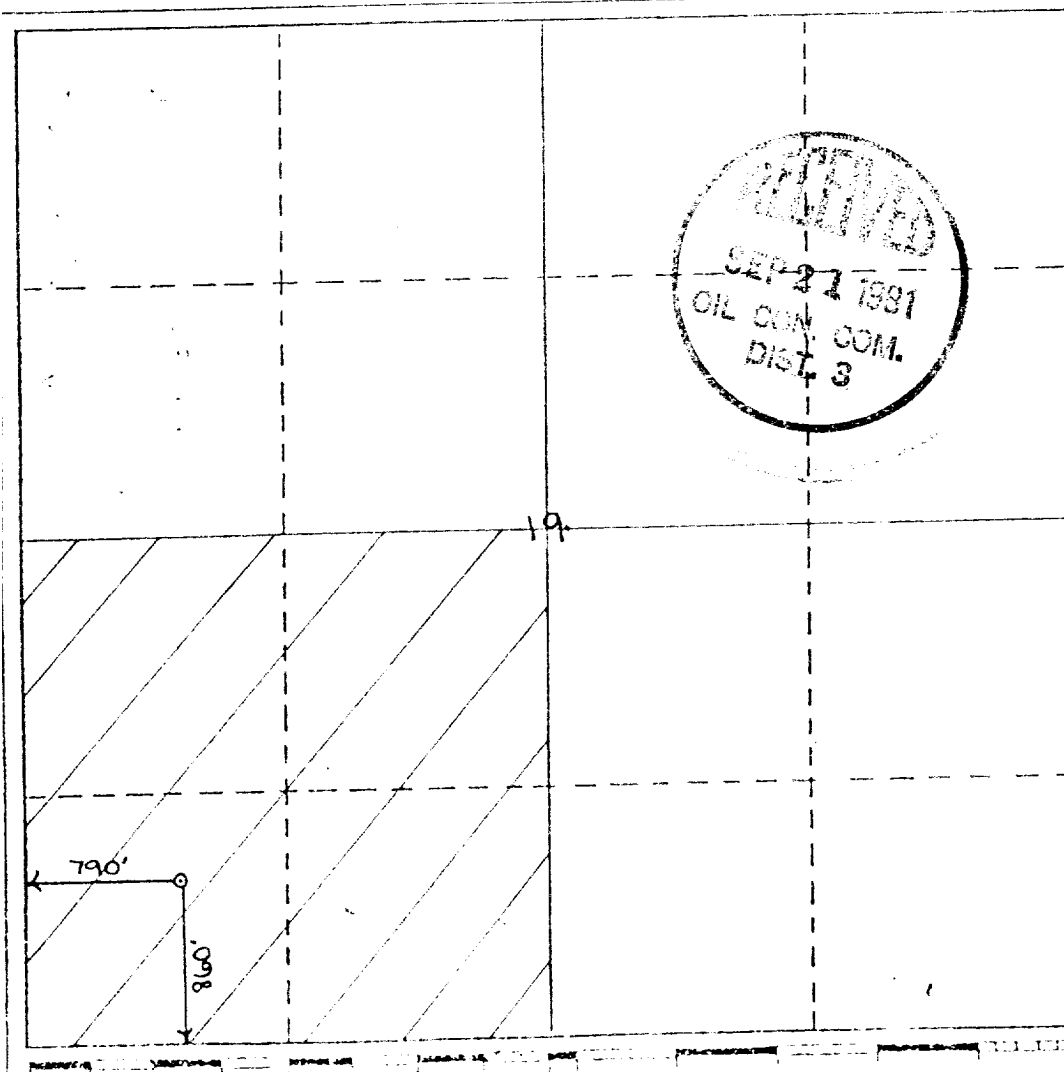
Operator Petro-Lewis Corporation		Lease SF-079150		Well No. #2-APLC Duff B-Federal	
Unit Letter M	Section 19	Township 23 North	Range 1 West	County San Doval	
Actual Footage Location of Well:					
860 feet from the South line and		790 feet from the West line			
Ground Level Elev. 7365'	Producing Formation Pictured Cliffs	Pool South Blanco Pictured Cliffs		Dedicated Acreage: 160.154.18 acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? **N/A**

☐ Yes ☐ No If answer is "yes," type of consolidation: _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

George Kapaseotes
Name **George Kapaseotes**
Position **President, Powers Elevation**
Agent Consultant for _____
Company _____
Petro-Lewis Corporation
Date **August 31, 1981**

I hereby certify that the well location shown on this plat was plotted from field notes of a trial surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **SEP 27 1981**
Registered Professional Engineer
and/or Geologist **0944**
Gerald G. Huddleston
Certificate _____