

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-039-21638
5. LEASE DESIGNATION AND SERIAL NO.

NM-080565

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Federal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Florance

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Dakota

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

Sec. 5, T25N, R3W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

N.M.

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

2050' FNL & 960' FEL

At proposed prod. zone

8440'

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

21 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)

2050'

16. NO. OF ACRES IN LEASE

550.84

18. DISTANCE FROM PROPOSED LOCATION*

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

990'

19. PROPOSED DEPTH

8440'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

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

7292 GR

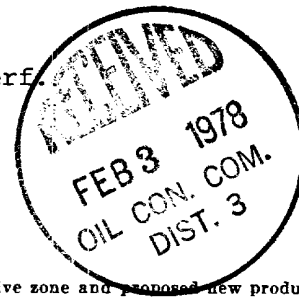
22. APPROX. DATE WORK WILL START*

3-31-78

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#	8440'	1225 sx. to 2000'

1. Set 40' of 20" conductor pipe and cement to surface.
2. Drill 12-1/4" hole to 500' and run 8-5/8" OD, casing, 24#, J-55, and cement w/300 sx. Cl. "A", 4% gel, 2% CACL₂, to surface, 100% excess.
3. Drill 7-7/8" hole 8440' and run GR-CNL-FDC-Log, run 5-1/2" casing, 15.5# and 17#, K-55, ST&C, and cement with 1225 sx. Cl. "A", 3% CACL₂, TOC - 2000' est. Two stage cmt., DV-tool @ 4700'.
4. RI and run temperature survey, locate TOC - 2000'.
5. Run CBL-VDL-2000' to TD. Cmt. bonding log w/GR-collar for perf.
6. Prep to complete as Dakota Producer.
7. Rig has 10", 900 Series Double Shaffer Hydraulic BOP.



Gas not dedicated

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.

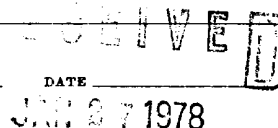
24. SIGNED Bon Taylor TITLE Sr. Drilling Foreman DATE 1-25-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OK

*See Instructions On Reverse Side

U.S. GEOLOGICAL SURVEY
WASHINGTON, D.C. 20509

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

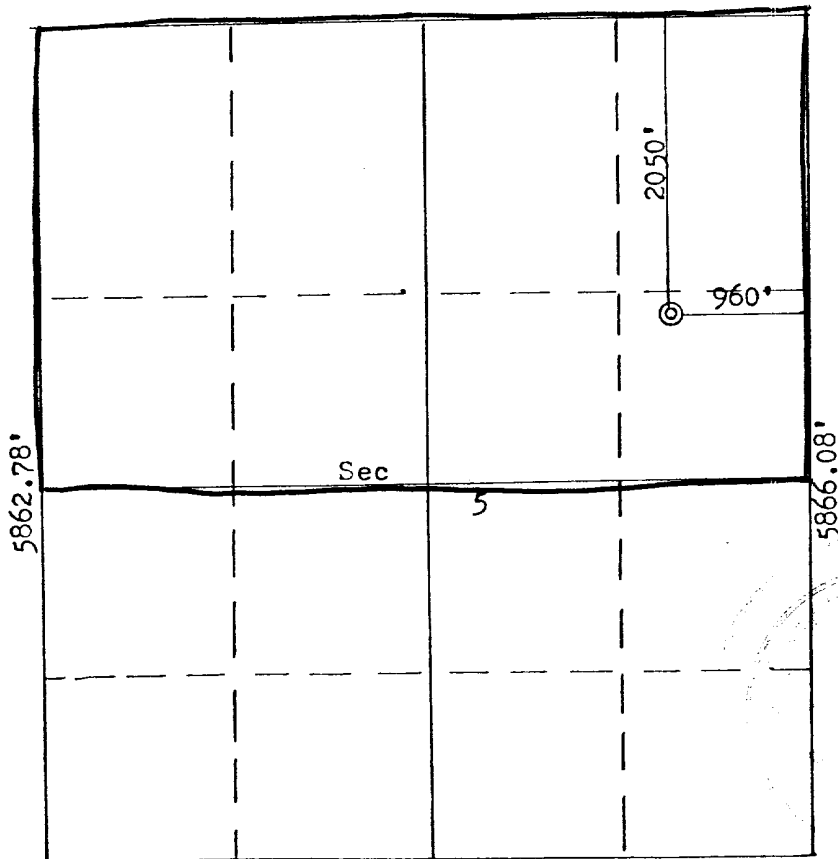
Operator Petro-Lewis Corporation		Lease Florence		Well No. 8	
Unit Letter H	Section 5	Township 25N	Range 3W	County Rio Arriba	
Actual Footage Location of Well:					
2050 feet from the North line and		960 feet from the East line			
Ground Level Elev: 7292	Producing Formation DAKOTA	Pool TAPACITO	Dedicated Acreage: 390.84 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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?

☐ 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 Commission.



Scale: 4"=1mile

CERTIFICATION

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

Ron Duple

Name

Dr. Dullin

Position

Petro-Lewis Corporation

Company

1-25-78

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual 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

October 13, 1977

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

Petro-Lewis Corporation
Surface Use And Operations Plan
San Juan Basin, Tapacito Field
Southern Rocky Mountain Area
Florance #8
Rio Arriba County, New Mexico

Present Operation

Petro-Lewis Corporation, a Colorado Corporation, is presently operating four Pictured Cliff Gas Wells in the Tapacito Field, Florance Lease, and two Pictured Cliff Gas Wells in the Tapacito Field, Ruddock Lease. These wells are located north and in a line, across Sections 5, 4, 3 of Township 25 north, Range 3 west, of the Gallup and Dakota prospects. The Florance #8 well, 2050' FNL & 960' FEL of Section 5, Township 25 north, Range 3 west, is located 1060' south, southeast of the Florance #2, a Pictured Cliff producer, which is located in Section 3, Township 25 north, Range 3 west.

Proposed Operation

We propose to drill, evaluate, and complete three Dakota gas producers (Florance #6, Florance #8, and Ruddock #7) and three Gallup gas producers (Florance #8A, Florance #6A, and Ruddock #7A), and one Pictured Cliff producer (Ruddock #9). A Central Battery for the three Ruddock wells (3), will be located at the Ruddock #7A location. All flow lines will be installed parallel along the lease roads to the designated Central Battery. A complete description of the Central Battery is attached to the Florance #6A.

Existing Roads

Attachment #3 is a scaled map showing the existing wells, roads, and location of the above. The approved stake being 2050' FNL and 960' FEL of Section 5, Township 25 north, Range 3 west. 800' north of the location an existing lease road runs east and west. 1750' to the west Hwy.-537 runs north and south. At conclusion of drilling, lease roads will be repaired of any damage, due to excessive use.

Planned Access Road

As indicated on Attachment #3, 400' of road 20' wide will run north, as previously stated, to the existing lease road. Approximately fifteen pinon and cedar trees will be cleared for the roadway. Due to the length of the road, no turn-out will be built.

Location Of Existing Wells

Attachment #4 is a scaled map showing all existing wells, to include the proposed Gallup and Dakota prospects.

Location Of Existing And/Or Proposed Facilities

The gas sales line runs south from the Florance #2, parallel to the lease road and ties into the main trunk line. We propose to install a flow line north 450' and tie into the main trunk line. The flow line will be buried as per regulations and the surface restored to its natural condition.

Location And Type Of Water Supply

A reliable contractor will transport water from the township of Lindrith, N.M. or from two ponds on the property of Mr. Tony Schmitz. Lease roads will be utilized. A five-hundred barrel water storage tank will be on location.

Methods For Hauling Waste Disposal

A trash pit will be dug out next to the reserve pit approximately 48" deep and completely fenced with small mesh wire. The reserve pit will be fenced until exposed fluid is dried out, at such time the pit will be covered, leveled, and reshaped to its natural condition. Top soil will be stored on the northeast side of the reserve pit for respreading.

Ancillary Facilities

Not applicable, with exception of rig trailer.

Well Site Layout

An eight foot cut will be made on the north side of the location and fill on the south side. The reserve pit will be on the northeast side of the location with the road entry on the northwest side. A contour ditch will be dug out on the south side the length of the location approximately two feet deep. The location will be approximately one hundred seventy-five feet by one hundred and sixty feet long. The derrick floor is twenty-five feet by twenty feet, located at the center of the stake. The water tanks will be forty feet long by twelve feet wide on the south side of the floor. The mud pit ten feet by sixty feet, will be fifteen feet from the stake next to the reserve pit. The reserve pit will be one hundred feet by one hundred feet square. The two rig pumps will be on the southwest corner of the reserve pit and will cover approximately thirty feet by twenty feet area. The catwalk and pipe racks will be on the northeast side of the stake eight feet and will cover thirty feet wide by one hundred and ten feet long area. The light plant and trailer house will be on the southwest corner of the location. The doghouse and water tank will be on the south side of the stake and rig sub-structure. The trash pit, six feet long by four feet wide, three feet deep, will be on the southeast corner of the reserve pit. The rig is equipped with a Double Shaffer Hydraulic Blowout Preventer, 3000# working pressure.

Plans For Restoration Of Surface

The reserve pit will be fenced until dried out to level and cover. The area will be reshaped, leveled and top soil respread. Reseeding will be dependent on land owner and trees will be replaced as to owner specifications. Commencement of rehabilitation estimated March 27, 1978, and completion of rehabilitation estimated June 27, 1978.

Operations Representative

The Petro-Lewis Corporation Representative, his address, and phone numbers are as follows:


Ron Tarpley
Sr. Drilling Foreman
304 Birch
Levelland, Texas 79336
806-894-7376 - Office
806-894-4149 - Home

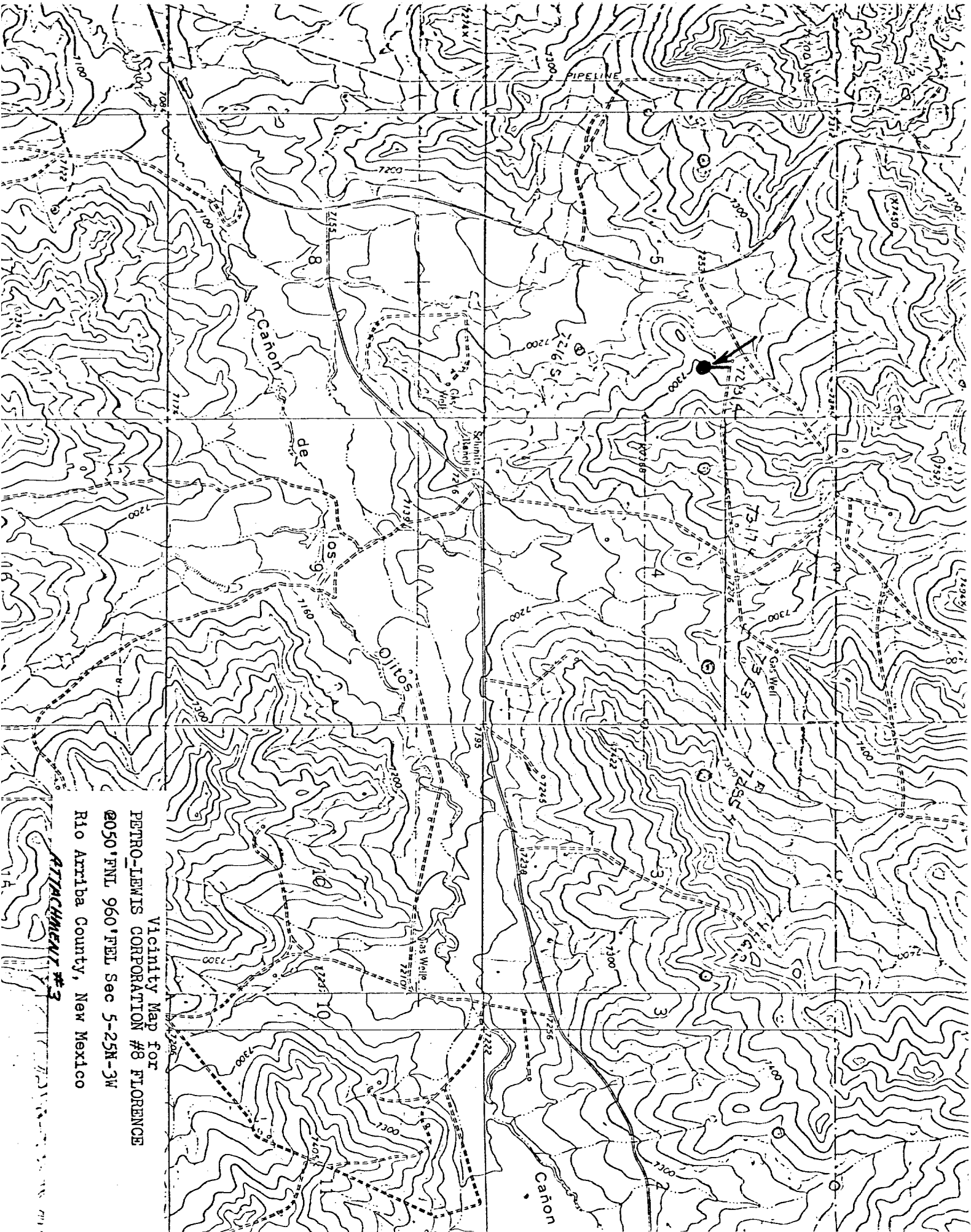
His certification statement is Attachment #6. Please contact Mr. Tarpley so that he can arrange to be present when an on-site inspection is to be made.

Petro-Lewis Corporation
Surface Use And Operations Plan
San Juan Basin, Tapacito Field
Southern Rocky Mountain Area
Florance #8
Rio Arriba County, New Mexico

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed here-in, will be performed by Petro-Lewis Corporation and its contractors, and sub-contractors, in conformity with this plan and the terms and conditions under which it is approved.

1-25-78
DATE


RON TARPLEY
SR. DRLG. FOREMAN

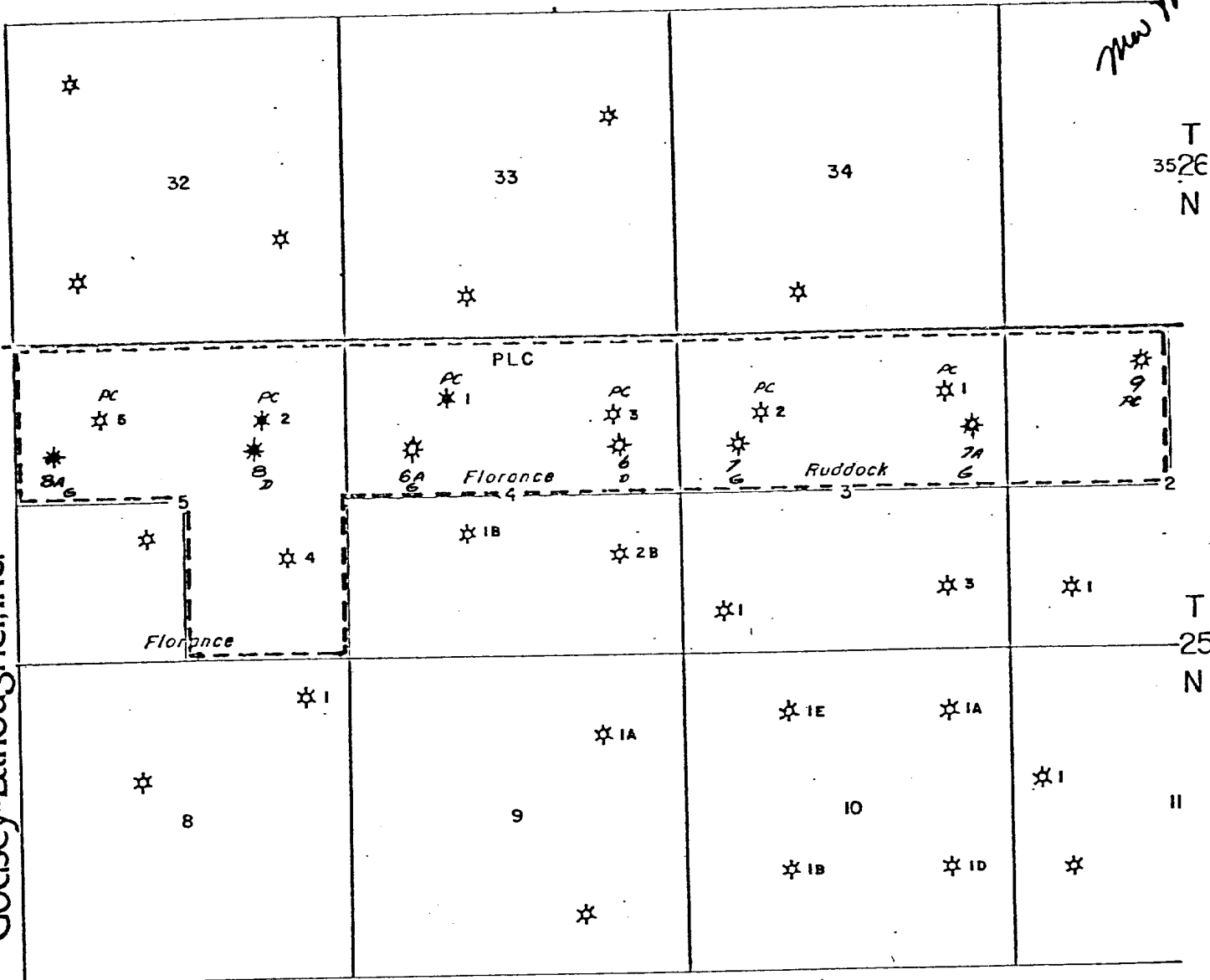


Vicinity Map for
PETRO-LEWIS CORPORATION #8 FLORENCE
2050' FNL 960' FEL Sec 5-25N-3W
Rio Arriba County, New Mexico

ATTACHMENT #3

R 3 W

new map



LEGEND

- LOCATION
- OIL WELL
- ☆ GAS WELL
- ◇ DRY HOLE

PETRO-LEWIS CORPORATION

FLORANCE #8

ATTACHMENT #4

TAPACITO FIELD

RIO ARRIBA COUNTY, NEW MEXICO

SCALE 2" = 1 MILE

MAP 7

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
1000 Rio Brazos Road
Aztec, New Mexico 87410

February 14, 1978

Petro-Lewis Corp.
607 Austin Street
Levelland, TX 79336


Attention: _____

SUBJECT: NON-STANDARD GAS PRORATION UNIT CONSISTING OF 390.84 ACRES
IN THE Basin Dakota GAS POOL DESCRIBED AS
FOLLOWS:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

SECTION: 5 N/2

By authority granted me by Rule 5(B) of Order No. R-1670, as amended, the
above-described acreage has been approved as a non-standard gas proration
unit to be dedicated to the Florance
Well No. 8, located 2050/N; 960/E of said
Section 5.


District Supervisor
District #3

cc: Oil Conservation Commission
Santa Fe, New Mexico

30-039-21038

2-3-78

F. Loc. 2050/N; 960/E Elev. 7292 GL Spd. Comp. TD PB

Casing S. @ W Sx. Int. @ W Sx. Fr. @ W Sx. T. S
Csg. Perf. Prod. Stim.T
R
A
N
S

I.P. BO/D MCF/D After Hrs. SICP PSI After Days GOR Grav. Ist Del. S

TOPS		NITD	X	Well Log	TEST DATA								
Kirtland		C-103		Plot	X	Schd.	PC	Q	PW	PD	D	Ref. No.	
Fruitland		C-104		Electric Log									
Pictured Cliffs				C-122									
Cliff House		Ditr		Dfa									
Menefee		Datr		Dac									
Point Lookout		N/390.84											
Mancos													
Gallup													
Sanostee													
Greenhorn													
Dakota													
Morrison													
Entrada													

N/390.84

N/390.84

P
O
O

Basin Dak Co. RAS 5 T25N R 3W U H Oper. Petro-Lewis Corp Lse. Florance No. 8

Florance #8

H-5-25N-3W

Petro-Lewis Corporation

Federal Building
701 Camino del Rio
Durango, Colorado 81301

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Petro-Lewis Corporation
P. O. Box 509
Loveland, CO 79336

Gentlemen:

Reference is made to the following proposed wells on Federal oil and gas lease S.F. 080565, Rio Arriba County, New Mexico:

<u>Well No.</u>	<u>Location</u>	<u>APD Approved</u>
3 Florence	SENE 5-25N-3W	March 1, 1978
6A Florence # 9	SWNW 5-25N-3W	March 3, 1978

This office has waited for you to rationalize well numbers, locations, and other pertinent information concerning these wells. Well files have become chaotic and it is necessary to start anew.

Approval of Application for Permit to Drill is rescinded this date and applications are returned herewith. Subsequent drilling operations without approval will be in violation of Title 30 CFR 221.21(b) and will be subject to assessment of liquidated damages.

If at some later date you decide to drill these wells, it will be necessary to file new applications. To minimize surface disturbance, new applications should be for wells located on well pads already constructed, and be filed with correct survey plats. Unorthodox locations will need approval by the New Mexico Oil Conservation Division.

If you do not plan to drill these wells, access roads and well pads will need to be restored to the satisfaction of the Bureau of Land Management, or, if appropriate, the private surface owner.

Sincerely yours,

(Orig. Sgd.) C. A. BARRICK
Carl A. Barrick
Acting District Engineer

Enclosures

cc: BLM, Albuquerque
NMOCC, Aztec

