

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-21639

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 2170' FNL & 1000' FWL

At proposed prod. zone 8550'

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

19 miles northwest of Lindrith, N.M.

15. DISTANCE FROM PROPOSED\*

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

2170'

16. NO. OF ACRES IN LEASE

981.39

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

956'

19. PROPOSED DEPTH

8550'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320 N 393.08

20. ROTARY OR CABLE TOOLS

Rotary

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

7337' GR

22. APPROX. DATE WORK WILL START\*

3-15-78

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#	8550'	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, 24#, K-55, casing and cement w/300 sx. Cl. "A", 4% gel, 2% CACL<sub>2</sub>, to surface, 100% excess.
3. Drill 7-7/8" hole to 8550' and run GR-CNL-FDC-Log, run 5-1/2" casing, 15.5# and 17# K-55, ST&C, and cement w/1225 sx., Cl. "A", 3% CACL<sub>2</sub>, TOC-2000'. 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 Schaffer 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 1/25/78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Okaf*

\*See Instructions On Reverse Side

JAN 27 1978

GEOLOGICAL SURVEY

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.

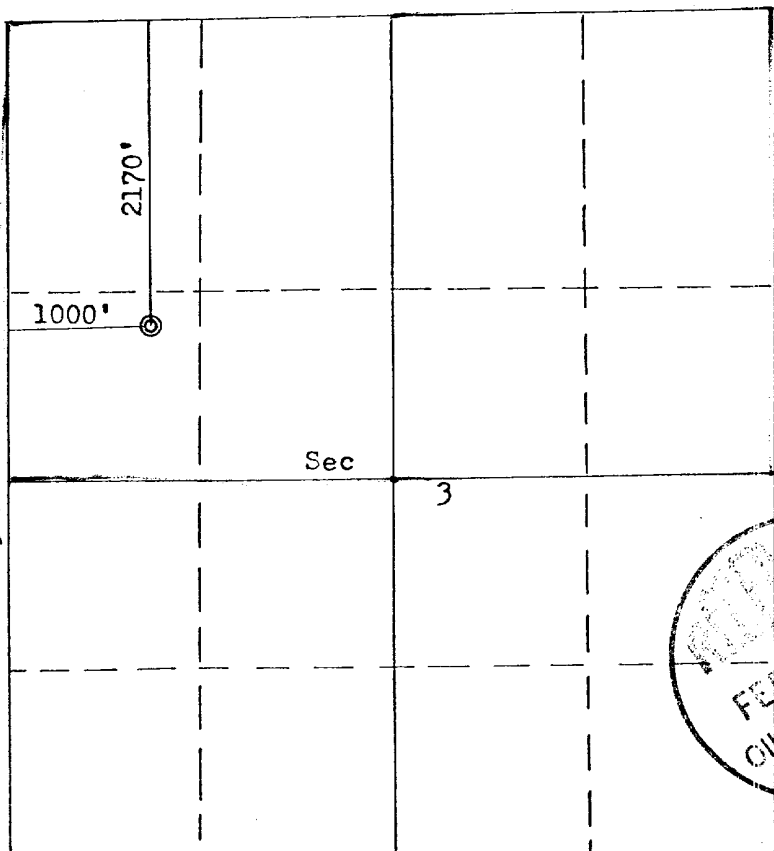
Operator <b>Petro-Lewis Corporation</b>			Lease <b>Ruddock</b>		Well No. <b>7</b>
Unit Letter <b>E</b>	Section <b>3</b>	Township <b>25N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>2170</b> feet from the <b>North</b> line and <b>1000</b> feet from the <b>West</b> line					
Ground Level Elev: <b>7337</b>	Producing Formation <b>DAKOTA</b>		Pool <b>Basin</b> <del>TAHACITO</del>	Dedicated Acreage: <b>393.08</b> <del>320</del> 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?

☐ 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.



5874.66

5891.16

CERTIFICATION

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

*Ron Jaupley*  
Name

*Sen. Duthing Freeman*  
Position

*Petro-Lewis Corporation*  
Company

*1-25-78*  
Date

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.*  
Fred B. Kerr Jr.

Certificate No.  
**3950**

Scale: 4"=1 mile

Petro-Lewis Corporation  
Surface Use And Operations Plan  
San Juan Basin, Tapacito Field  
Southern Rocky Mountain Area  
Ruddock #7  
Rio Arriba County, New Mexico

Present Operation

Petro-Lewis 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.

Proposed Operations

We propose to drill, evaluate, and complete three Dakota gas producers (Florance #6, Florance #8, and Ruddock #7A) and three Gallup gas producers, (Florance #8A, Florance #6A, and Ruddock #7), and one Pictured Cliff producer (Ruddock #9). A Central Battery for the Ruddock wells (three) will be located at the Ruddock #7A location, and a Central Battery for the Florance wells (four) will be constructed at the Florance #6A 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 and Ruddock #7A.

Existing Roads

Attachment #3 is a scaled map showing the existing wells, roads, and location of the above. The approved stake being 2170' FNL and 1000' FWL of Section 3, T25N, R3W. 500' south of the existing lease road running east and west. The location is located two miles east of Hwy. 537. All flow lines will be layed parallel to the lease roads. The existing lease road is in very good condition. At conclusion of drilling, lease road will be repaired of any damage, due to excessive use.

Planned Access Road

As indicated on Attachment #3, 500' of road, 20' wide, will run south from the existing lease road, to the location. Four or five pinon trees will be removed while building road, no turn-out will be constructed due to road length.

Location Of Existing Wells

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

Location Of Existing And/Or Proposed Facilities

The gas sales line runs south from the Ruddock #2, parallel to the lease road and ties into the main trunk line. We propose to run a flow line north, est. 550', and ties into the main trunk line. This 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, New Mexico, 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

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. A trash pit (as indicated on Attachment #5), will be dug out next to the reserve pit approximately 48" deep and completely fenced with small mesh wire. Top soil will be stored on the east side of the reserve pit for respreading.

Ancillary Facilities

Not applicable, with exception of rig trailer on Attachment #5.

Well Site Layout

Attachment #5 is a scaled map showing the rig layout. The reserve pit will be double lined by a reliable contractor. Eight feet of cut, in sandstone, will be on the southeast side of the location with the reserve pit on the north side. A water contour the width of the location will be constructed on the southeast side 30' to the south 24" deep to aid in water drainage, and prevent erosion. Approximately ten to fifteen small pinon and cedar trees will be removed to clear the location. These trees lie on the southern border of the location.

Plans For Restoration Of Surface

As indicated, 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 April 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.

List Of Attachments

1. Permit to Drill - Form 9-331C
2. Survey Plat - Form C-102
3. Vicinity Map
4. Existing Wells
5. Well Site Layout
6. Certification Statement
7. Safety Equipment
8. Rig Inventory
9. Well Plan Outline

Petro-Lewis Corporation  
Surface Use And Operations Plan  
San Juan Basin, Tapacito Field  
Southern Rocky Mountain Area  
Ruddock #7  
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*

RON TARPLEY

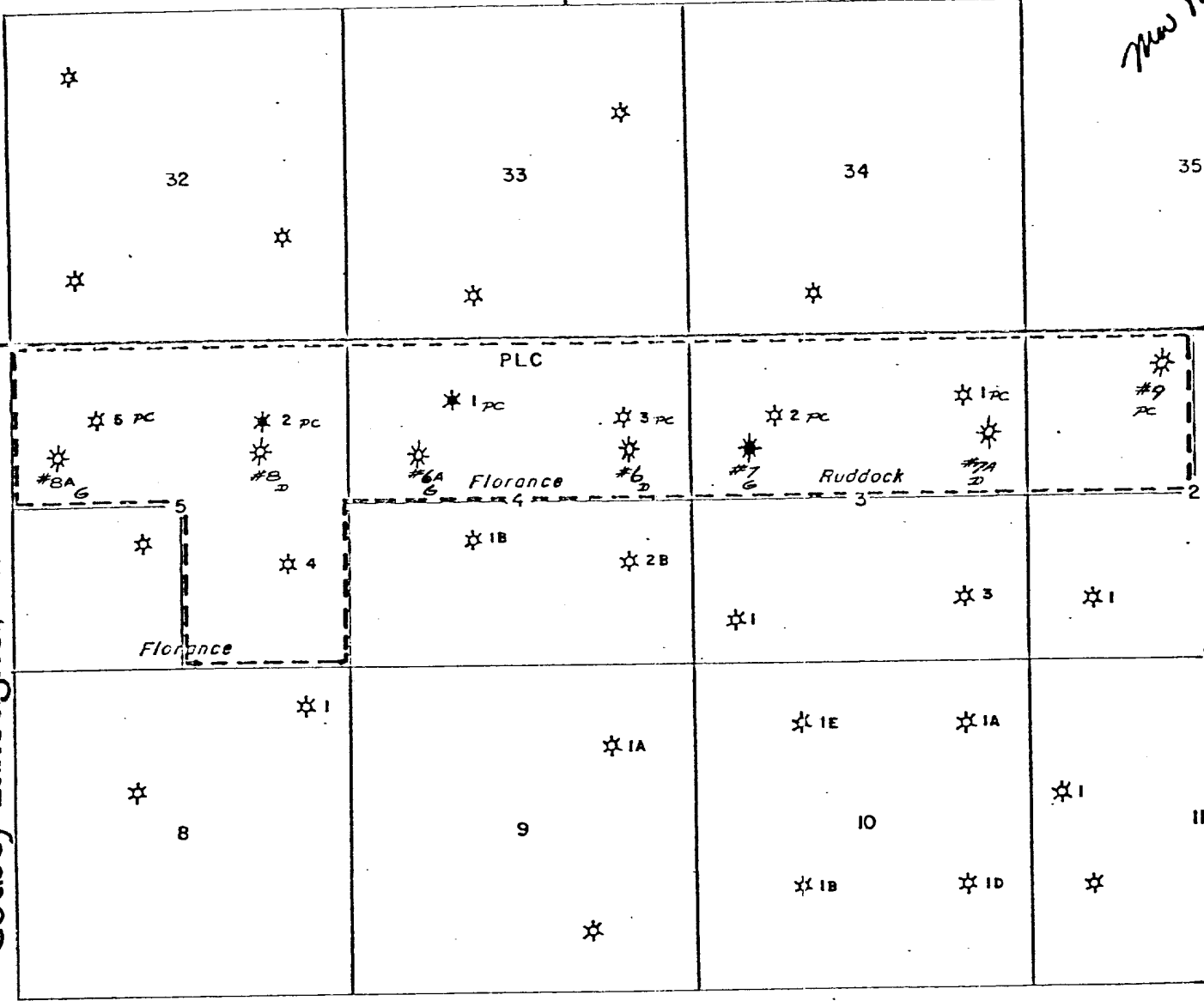
SR. DRLG. FOREMAN



Godsey-Earlougher, Inc.

R 3 W

new mile



LEGEND

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

ATTACHMENT #4  
PETRO-LEWIS CORPORATION  
RUDDOCK #7

TAPACITO FIELD  
RIO ARRIBA COUNTY, NEW MEXICO

SCALE 2" = 1 MILE

MAP 7

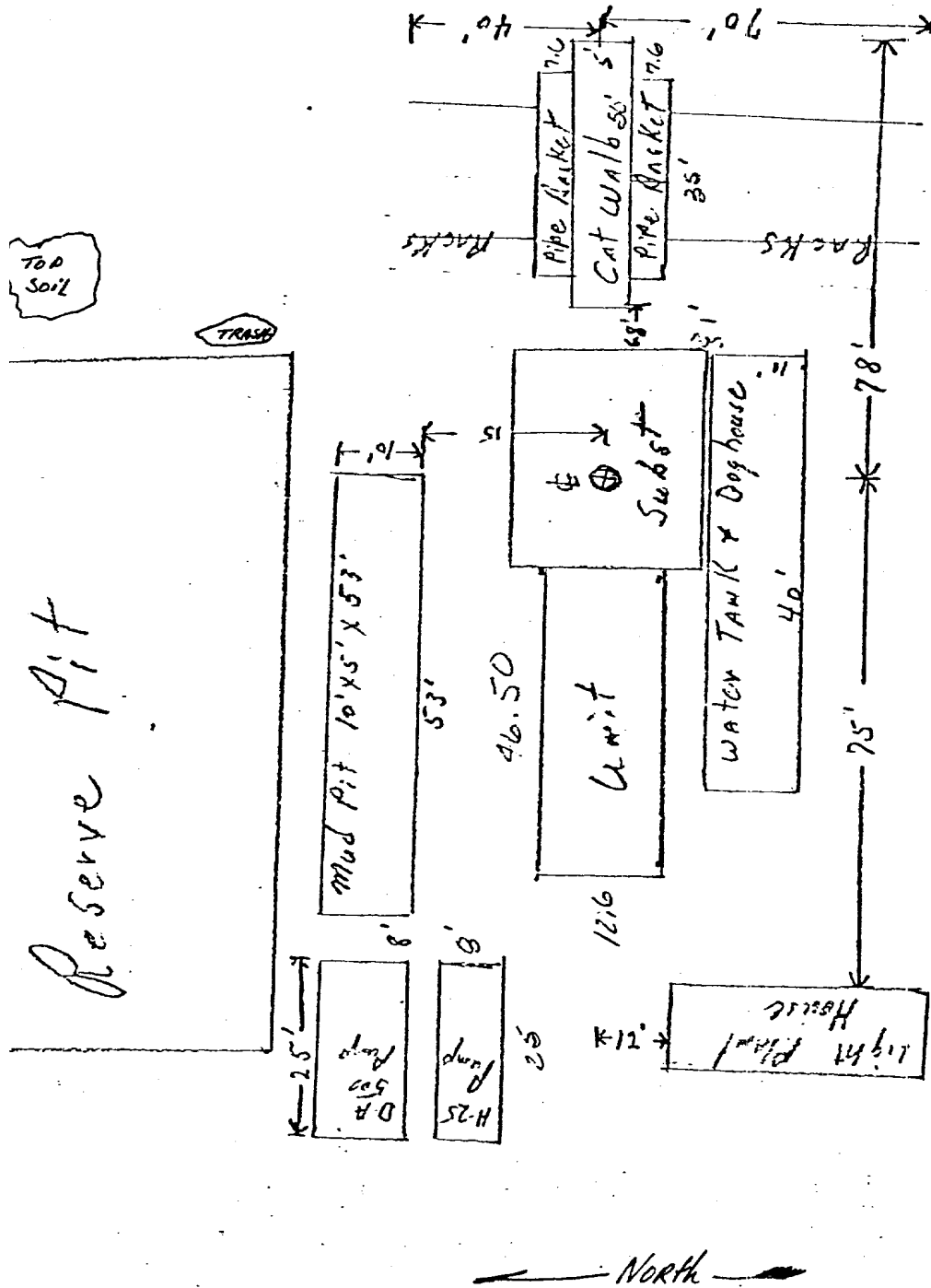
FOUR CORNERS DRILLING CO.

P. O. BOX 1067  
702 E. BROADWAY  
FARMINGTON, NEW MEXICO 87401

TELEPHONE: (505) 327-1122

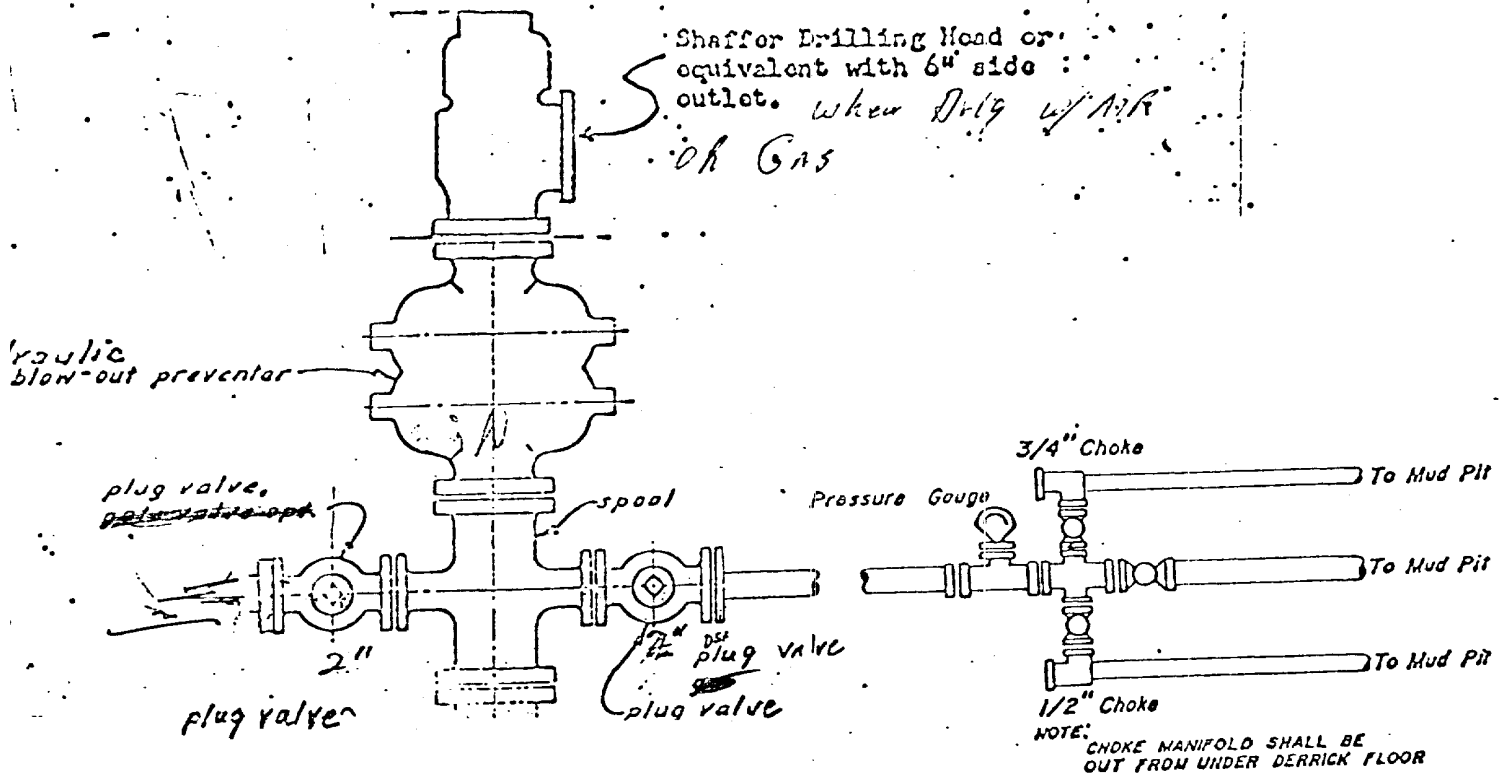
PETRO-LEWIS CORPORATION

RUDDOCK #7  
ATTACHMENT#5





ATTACHMENT #7



PETRO-LEWIS CORPORATION  
 RUDDOCK #7  
 ATTACHMENT #7

FOUR 'CORNERS DRILLING CO.

P.O. BOX 1067  
657 WILD HORSE DRIVE  
FARMINGTON, NEW MEXICO 87401

TELEPHONE: (505) 327-1122

DRILLING RIG INVENTORY

RIG NO. #3

ATTACHMENT #8

DERRICK: CARDWELL 108' 270,000 HOOK LOAD CAPACITY

SUBSTRUCTURE: CARDWELL 9'6" X 12'6" TELESCOPING 440,000 GROSS

DRAWWORKS: CARDWELL KB-500 SELF PROPELLED BACK IN 600 HP.

AUXILIARY BRAKE: PARKERSBURG 22" SINGLE

ENGINES: 2 GENERAL MOTORS 8V71N DIESEL 318 HP EACH.

MUD PUMPS: EMSCO D-500 16 POWERED BY 2 GM 8V71N ENGINES 350 HP EACH

AUXILIARY MUD PUMP: NATIONAL C-250 POWERED BY 2 GM 671 ENGINES 160 HP EACH

DESILTER: PIONEER 8 CONE W/THOMPSON 5" X 6" PUMP WITH ELECTRIC MOTOR

MUD TANK: 1 5' X 10' X 50' 450 BBL. WITH 4 COMPARTMENTS

WATER STORAGE: 1 10' X 10' X 30' 520 BARREL TANK.

GENERATORS: 1 EACH 100 KW AC

ROTARY TABLE: OIL WELL 20½"

TRAVELING BLOCK: IDECO UTB 160-430 SHORTY 160 TON

SWIVEL: NATIONAL TYPE F 150 TON

BLOWOUT PREVENTOR: 10" 3000 HYDRAULIC

SPECIAL TOOLS:

TONG TORQUE INDICATOR

RATE OF PENETRATION RECORDER

SHALE SHAKER

TRAILOR HOUSE

TWO WAY RADIO

NESSARY DRILL PIPE AND DRILL COLLARS TO MEET BID SPECIFICATIONS

PETRO-LEWIS CORPORATION

RUDDOCK #7

ATTACHMENT #8

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF OPERATION 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 2000' FNL &amp; 1000' FWL

At proposed prod. zone 8550'

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

19 miles northwest of Lindrith, N.M.

15. DISTANCE FROM PROPOSED\*

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

2170'

18. DISTANCE FROM PROPOSED LOCATION\*

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

956'

16. NO. OF ACRES IN LEASE

981.39

19. PROPOSED DEPTH

8550'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL196. ~~29~~ 29

20. ROTARY OR CABLE TOOLS

Rotary

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

7320' GR

22. APPROX. DATE WORK WILL START\*

3-15-78

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#	8550'	1225 sx. to 2000'

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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 Gallup producer.
7. Rig has 10", 900 series Double Schaffer 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 L. Impley*

TITLE Sr. Drilling Foreman

DATE 1-25-78

(This space for Federal or State office use)

PERMIT NO.

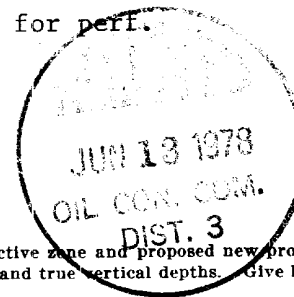
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



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.

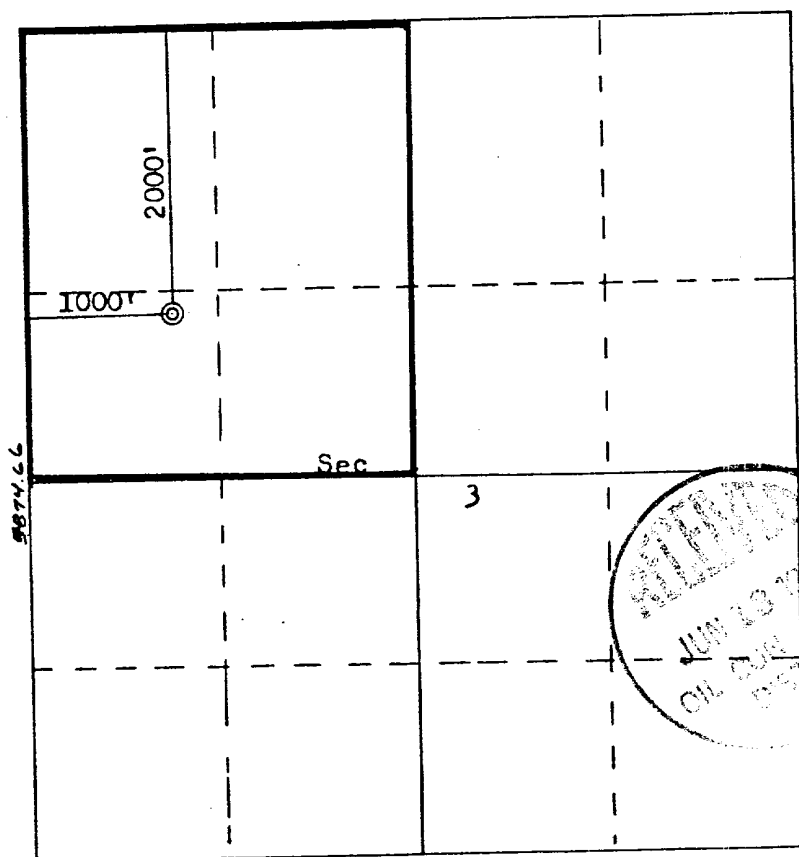
Operator <b>PETRO-LEWIS CORPORATION</b>			Lease <b>RUDDOCK</b>		Well No. <b>7</b>
Unit Letter <b>E</b>	Section <b>3</b>	Township <b>25N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>2000</b> feet from the <b>North</b> line and <b>1000</b> feet from the <b>West</b> line					
Ground Level Elev: <b>7320</b>	Producing Formation <b>Gallup</b>	Pool <b>Wildcat</b> ✓		Dedicated Acreage: <b>196.529</b> 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: 1" = 1320'

Reissued: 5-5-78

CERTIFICATION

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

*Ron Tarpley*

Name

Ron Tarpley

Position

Sr. Drilling Foreman

Company

Petro-Lewis Corporation

Date

May 25, 1978

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 26, 1977

Registered Professional Engineer and Land Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No.

3950