

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 937, 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

6500'

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

21 miles from Lindrath NM. from the NW.

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

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

390.84

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

990'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

ROTARY

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

7292' GR.

22. APPROX. DATE WORK WILL START\*

8-11-79

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'	350sk. to Surface
7 7/8"	4 1/2"	10.5#	6500'	1025sk. to 2000'

1. Set 40' of conductor pipe 20"OD, and cement to surface.
2. Drill 12 1/4" hole to 500' and run 8 5/8" OD. 24#, K-55, casing and cement to surface w/350sk.
3. Drill 7 7/8" hole to 6500' and run 4 1/2" OD 10.5#, K-55, and cement w/1025sk. in two stages, D.V. tool at 4500'.
4. R.U. and run temperature survey est. TOC @2000'.
5. Run CBL-VDL, w/GR collar for perf.
6. Prep to complete as Blanco Mesaverde producer.
7. Rig has a 10", 3000#, PSI, Hydraulic BOP.

Request to FLARE while Drilling and Testing

(See Attached NTL-6)

*gas is liberated*

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. Jaykey*

TITLE

Dist Prod. & Drlg Firm

DATE

7-19-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*at Frack*

*State*

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

Operator <b>PETRO-LEWIS CORPORATION</b>		Locality <b>FLORENCE</b>		Well No. <b>8</b>
Unit Letter <b>H</b>	Section <b>5</b>	Township <b>25N</b>	Range <b>30</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well:				
2050 feet from the North line and		960 feet from the East line		
Ground Level Elev. <b>7292</b>	Producing Formation <b>MESAVERDE</b>	Pool <b>BLANCO MESAVERDE apt</b>	Dedicated Acreage: <b>390.84</b> Acres	

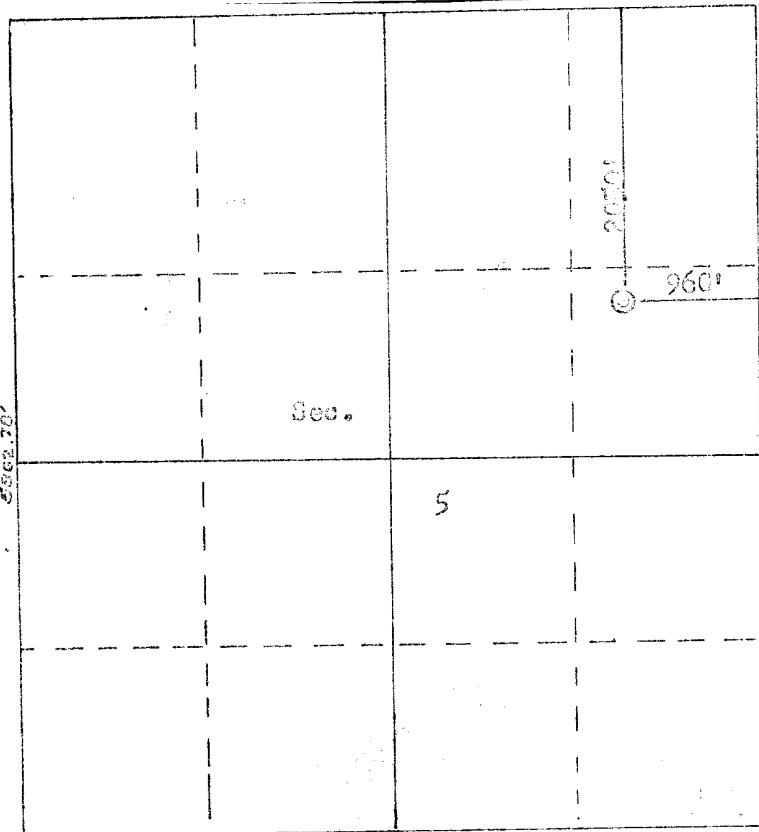
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

**ILLEGIBLE**



CERTIFICATION

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

*Ronald L. Tarpley*

Name

RONALD L. TARPLEY

Position

DIST. PROD. & DRIG. FRMN.

Company

PETRO-LEWIS CORPORATION

Date

JULY 22, 1979

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/Registration

July 20, 1979

Registered Professional Engineer and Land Surveyor

*Frederic B. K... Jr.*

Certificate No.

3950

Scale: 1"=1320'

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 Blanco Mesa Verde 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 5, Township 25 north, Range 3 west.

Proposed Operation

We propose to drill, evaluate, and complete three Mesa Verde gas producers, (Florance 7A, Florance 8, and Ruddock 7). All flow lines will be installed parallel along the lease roads to the designated well site battery. El Paso Natural Gas will establish and settle sales line right away agreements and route to designated locations.

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 Blanco Mesa Verde 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, 1980, and completion of rehabilitation estimated June 27, 1980.

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 in-

RELEASE

IN CONSIDERATION of the sum of 1,000.00 Dollars (\$ 1,000.00 )  
paid by PETRO-LEWIS CORPORATION, A Colorado corporation, the receipt whereof is  
hereby acknowledged, the undersigned hereby releases and forever discharges said  
corporation and its employees, agents, associates, affiliated companies, successors,  
and assigns of and from any and all claims, demands, liabilities, and causes of  
action whatsoever on account of any and all loss, cost, damage, expense, and injury  
whatsoever to the undersigned, to the property, real, personal and mixed, of the  
undersigned, and to the following described premises in the County of

Rio Arriba, State of New Mexico

to-wit:

A drilling site to be located 2050' FNL and 960' FEL of the  
NE/4, Sec. 5, T25N, R3W. Said owner being ~~Mike Vogel~~,  
C. F. Vogel, Ltd.; Lease name being Florance #8.

FEB 21 1978

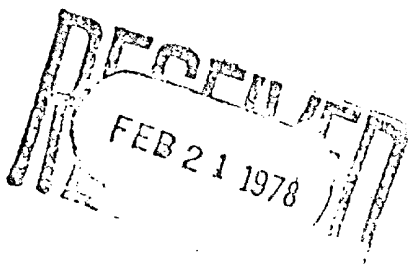
which directly or indirectly results from, is caused by, or arises out of, or in  
connection with, all acts and operations conducted on the above described lands,  
including specifically, but without limitation, the following:

3 acres of land for use of a drilling site and access road  
(400' of road north from site to the existing lease road)  
The site being 2050' FNL and 960' FEL of the NE/4, Sec. 5,  
T25N, R3W.

Should the well be permanently abandoned, the surface would  
be restored to its natural condition.

This release shall constitute a covenant running with the land and shall be  
binding upon the heirs, executors, administrators, successors, and assigns of the  
undersigned.

IN WITNESS WHEREOF, this instrument is executed this 21 day of February,  
1978.



James E. Vogel, Jr.  
C. F. Vogel, Ltd.  
mm Vogel - sec. Inas

(04-02-76)  
WY060-3109-3

REHABILITATION PLAN (FOR LEE SURFACE)

Lease No.: \_\_\_\_\_; Well Name and No.: Florance 8;  
Location: 2050' FNL & 960' FEL, Sec. 5, T. 25 N., R. 3 W.

Petro-Lewis Corporation Oil Company intends to drill a well on surface owned by C.F. Vogel Limited. The operator agrees to complete the following rehabilitation work if the well is a producer:

☒ Yes ☐ No Maintain access road and provide adequate drainage to road.

☒ Yes ☐ No Reshape and reseed any area not needed for maintenance of the pump and support facilities.

Other requirements: Maintain Surface Area

The following work will be completed when the well is abandoned:

☒ Yes ☐ No Pit will be fenced until dry, then filled to conform to surrounding topography.

☒ Yes ☐ No Water bars will be constructed as deemed necessary.

☒ Yes ☐ No Site will require reshaping to conform to surrounding topography.

☒ Yes ☐ No Entire disturbed area will be reseeded. If yes, the following seed mixture will be used:  
Land owners specifications at time of reseeding.

☒ Yes ☐ No Access road will be closed, rehabilitated and reseeded using the same seed mixture as above.

☐ Yes ☐ No Access road will remain for surface owner's use.

☒ Yes ☐ No Water bars will be constructed on the access road as deemed necessary.

Other requirements: See attached Release.

Surface Owner:

Name: C.F. Vogel Limited  
Address: 1404 Sigma Chi Rd. N.E.  
City: Albuquerque  
State: New Mexico  
Telephone: 505-265-1655  
Date: \_\_\_\_\_

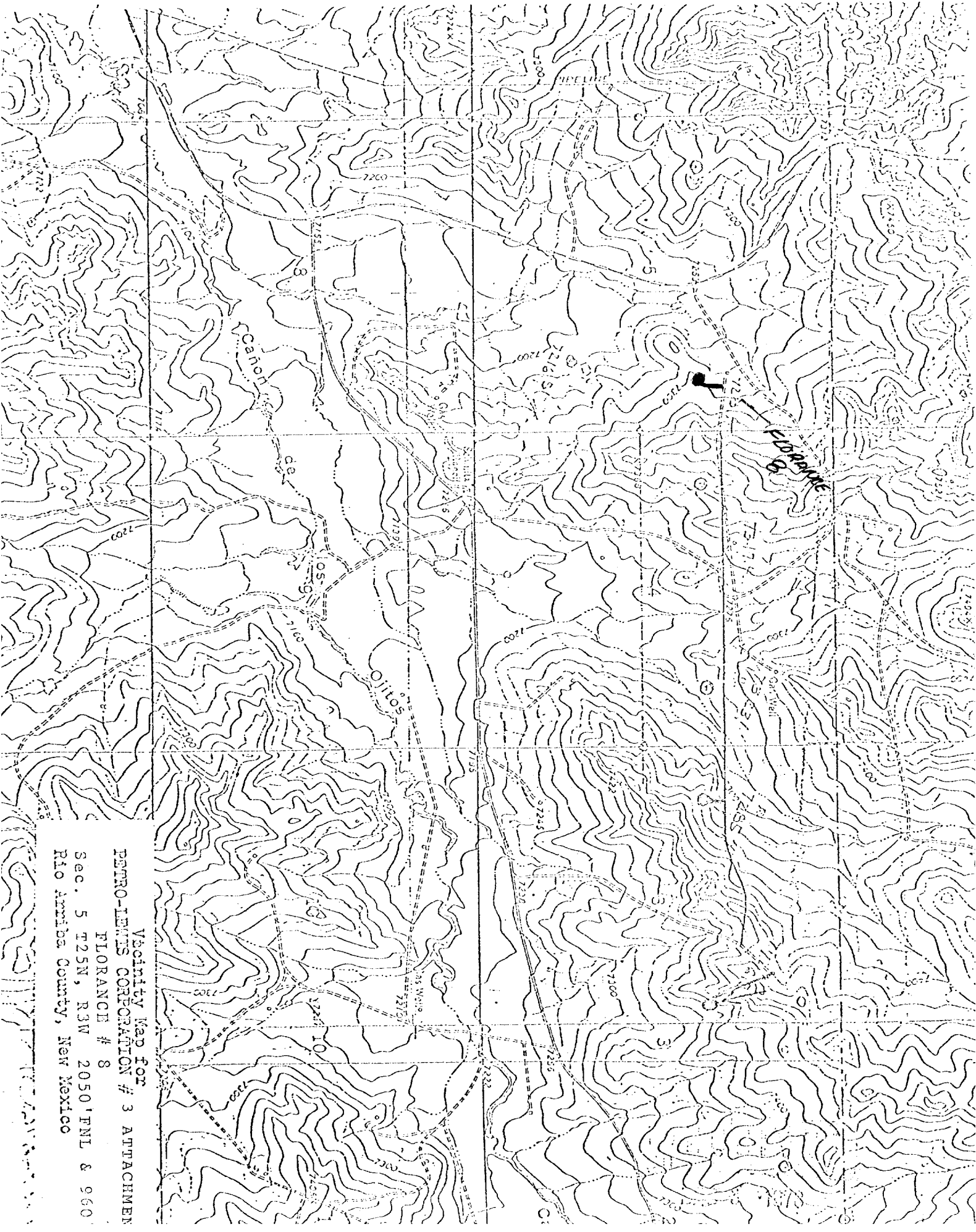
Operator/Lessee

Name: Petro-Lewis Corporation  
Address: P.O. Box 509  
City: Levelland  
State: Texas  
Telephone: 806-894-7376  
Date: February 15, 1978

I CERTIFY rehabilitation has been discussed with me, the operator:

1/27/78 Ron Fugley said he discussed this with his own owner  
Ron Fugley  
(Operator's signature)

This plan covers rehabilitation requirements only and does not affect any other agreements between the lessee/operator and surface owner.



Vicinity map for  
PETRO-LEWIS CORPORATION # 3 ATTACHMENT  
FLORANCE # 8  
Sec. 5 T25N, R3W 2050' FNL & 960'  
Rio Arriba County, New Mexico

new music

$$\begin{array}{c} T \\ 3526 \\ \hline N \end{array}$$

T  
-25  
N

11

PETRO-LEWIS CORPORATION  
BOX 937  
LEVELLAND TEXAS  
79336  
ATTACHMENT#4

FLORANCE #8  
2050' FNL & 960' FEL  
Sec. 5 T25N, R3W

## LEGEND

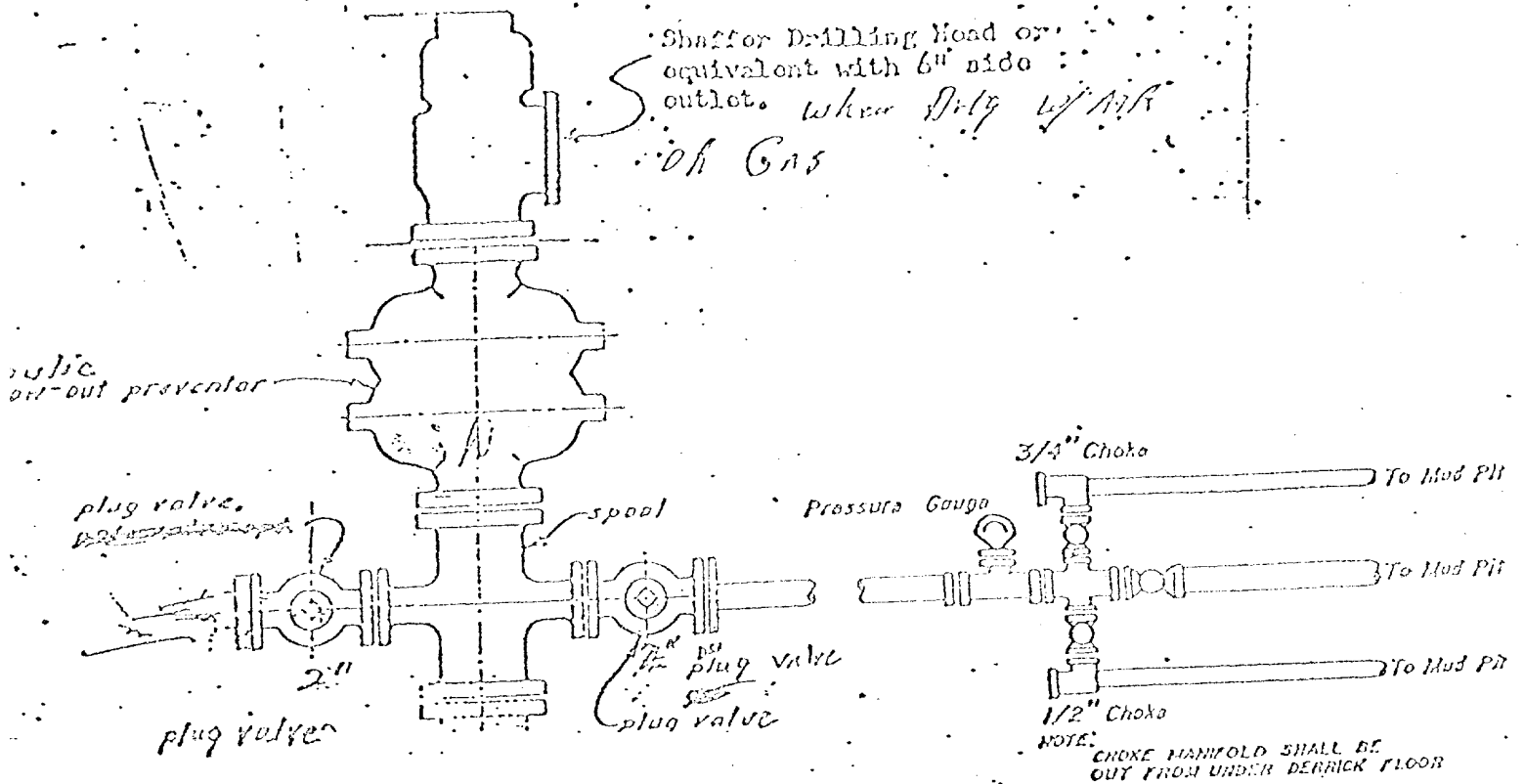
- LOCATION  
 ○ OIL WELL  
 ✱ GAS WELL  
 ⊕ DRY HOLE

TAPACITO FIELD  
RIO ARriba COUNTY, NEW MEXICO

MAP 7

Godsey-Tatoune, Inc.





PETRO-LEWIS CORPORATION  
BOX 937  
LEVELLAND TEXAS  
79336

ATTACHMENT# 5

*Ron Tarpley*

FLORENCE #8

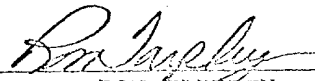
Petro-Lewis Corporation  
Surface Use And Operations Plan  
San Juan Basin, Tapacito Field  
Southern Rocky Mountain Area

FLORANCE #6  
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.

7-19-79


DATE

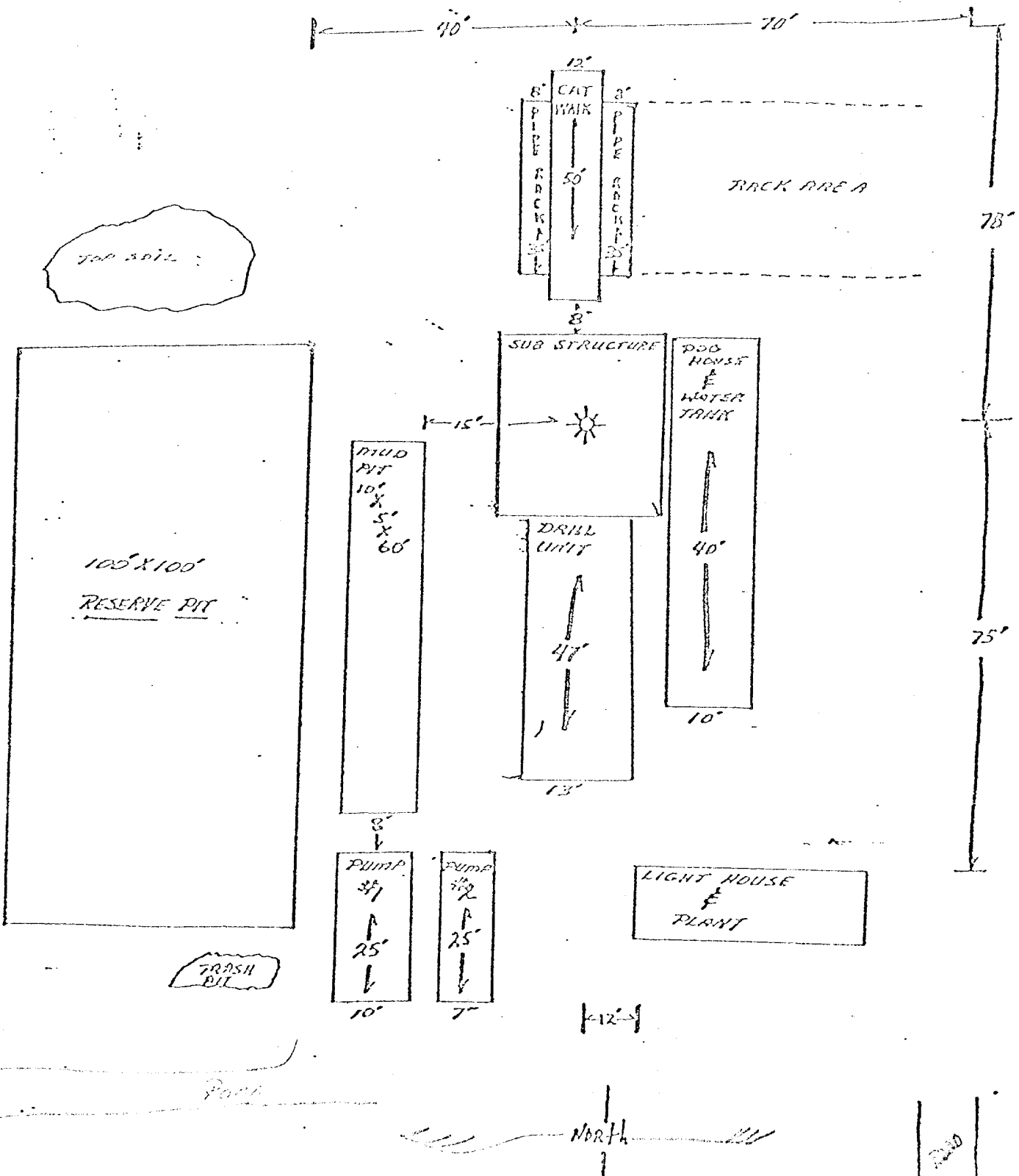


RON TARBLEY  
DISTRICT FOREMAN

PETRO-LEWIS CORPORATION  
BOX 937  
LEVELLAND, TEXAS, 79336  
WELL SITE LAYOUT PLAN

FLORENCE #8

ATTACHMENT 4  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 # 1 2

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 8V71NT ENGINES 350 HP EACH

AUXILIARY MUD PUMP: NATIONAL C-250 POWERED BY 2 GM 6V71 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

NECESSARY DRILL PIPE AND DRILL COLLARS TO MEET BID SPECIFICATIONS

PETRO-LEWIS CORPORATION

BOX 937

LEVELLAND TEXAS

79336

FLORANCE #8