

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-025-31571

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B 1553

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

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

Lovington Paddock Unit

2. Name of Operator

GREENHILL PETROLEUM CORPORATION

3. Address of Operator

11490 Westheimer, Suite 200, Houston, Texas 77077

8. Well No.

139

9. Pool name or Wildcat

Lovington Paddock

4. Well Location

Unit Letter F : 2527 Feet From The North Line and 1550 Feet From The West Line

Section 1

Township 17 South Range 36 East

NMPM

Lea

County

10. Proposed Depth  
6450'

11. Formation  
Paddock

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
3829 GR

14. Kind & Status Plug. Bond  
on file

15. Drilling Contractor  
TBD

16. Approx. Date Work will start  
4-1-92

17.

**PROPOSED CASING AND CEMENT PROGRAM**

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 12 1/4 "     | 8 5/8 "        | 24              | 1300'         | 550             | surface  |
| 7 7/8 "      | 5 1/2 "        | 15.5            | 6450'         | 1100            | surface  |

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

*Michael J. Newport*

TITLE Land Manager-Permian Basin DATE 3-24-92

(713)

TELEPHONE NO. 589-8484

TYPE OR PRINT NAME

Michael J. Newport

(This space for State Use)

Orig. Signed by  
**Paul Kautz**  
Geologist

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

722-3109

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|  |  |                      |                                 |                |                                |
|--|--|----------------------|---------------------------------|----------------|--------------------------------|
| Operator<br>Greenhill Petroleum Corp.  |  |                      | Lease<br>Lovington Paddock Unit |                | Well No.<br>139                |
| Unit Letter<br>F   | Section<br>1                             | Township<br>17 South | Range<br>36 East                | County<br>NMPM | Lea                            |
| Actual Footage Location of Well:<br>2527 feet from the north line and 1550 feet from the west line |  |                      |                                 |                |                                |
| Ground Level Elev.<br>3829.8'  | Producing Formation<br>Lovington Paddock |                      | Pool<br>Lovington Paddock Unit  |                | Dedicated Acreage:<br>40 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

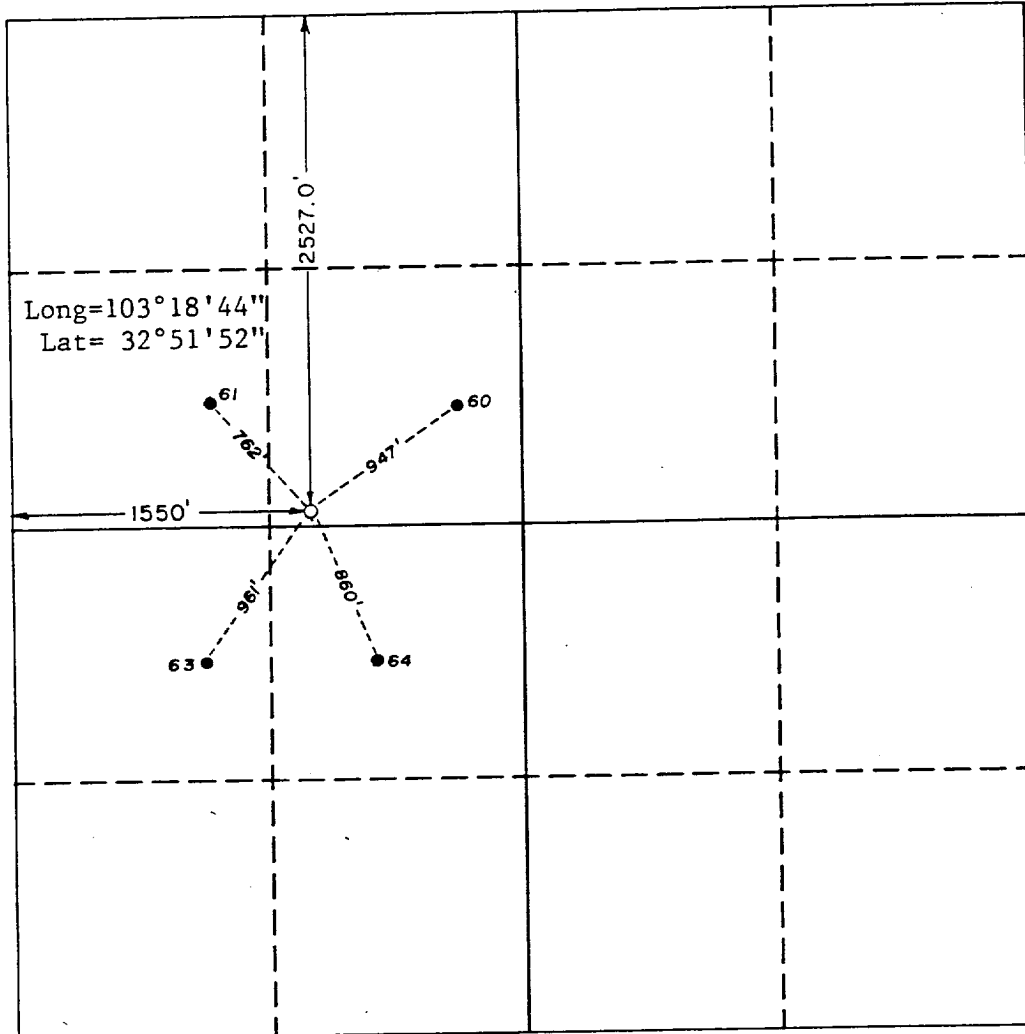
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation unitized

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

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



OPERATOR CERTIFICATION

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

*Michael J. Newport*  
Signature

Michael J. Newport  
Printed Name

Land Manager-Permian Basin  
Position

GREENHILL PETROLEUM CORP.  
Company

3-24-92  
Date

SURVEYOR CERTIFICATION

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  
February 12, 1992

Signature & Seal of  
Professional Surveyor

*Ronald J. Edson*  
Certificate No. JOHN W. WEST, 878  
RONALD J. EDSON, 3238  
GARY L. JONES, 7977  
92111-0188

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

GREENHILL PETROLEUM CORPORATION  
BOP PROGRAM FOR  
LOVINGTON PADDOCK UNIT #139

Casing Program

BOP Program

| Size   | Depth | Wt.  | Grade    | Configuration | Test Pressure |
|--------|-------|------|----------|---------------|---------------|
| 8-5/8" | 1300' | 24   | H40, STC | RA*           | 200 psi       |
| 5-1/2" | 6450' | 15.5 | K55, STC | RR*           | 250/1500 psi  |

\* = RR-Ram Ram  
\* = RA-Ram Annular

Diverter-Hydrill may be substituted for a diverter.

sjs:s  
92.215

03/24/92