

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)

30-02531085

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B7845

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 Corp.

8. Well No. 97

3. Address of Operator

16010 Barkers Point, Ste., 325, Houston, TX 77079

9. Pool name or Wildcat

Lovington Paddock

4. Well Location

Unit Letter P : 1228 Feet From The East Line and 132 Feet From The South

Section 36

Township

16 South

Range

36 East

NMPM

Lea

County

10. Proposed Depth

6350

11. Formation

Lovington Paddock

12. Rotary or C.T.

Rotary

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

3822 GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

TBD

16. Approx. Date Work will start

12-15-90

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#             | 2050          | 800             | Surface  |
| 7 7/8        | 5 1/2          | 15.5            | 6350          | 500             | 3000     |
|              |                |                 |               |                 |          |

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

Landman

DATE 11-28-90

TYPE OR PRINT NAME

Michael J. Newport

TELEPHONE NO. 955-114

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

7222900

Permit Expires 11/28/91 from Approval  
and Initial Drilling Underway.

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
E. gy, Minerals and Natural Resources Department

Form C-102  
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

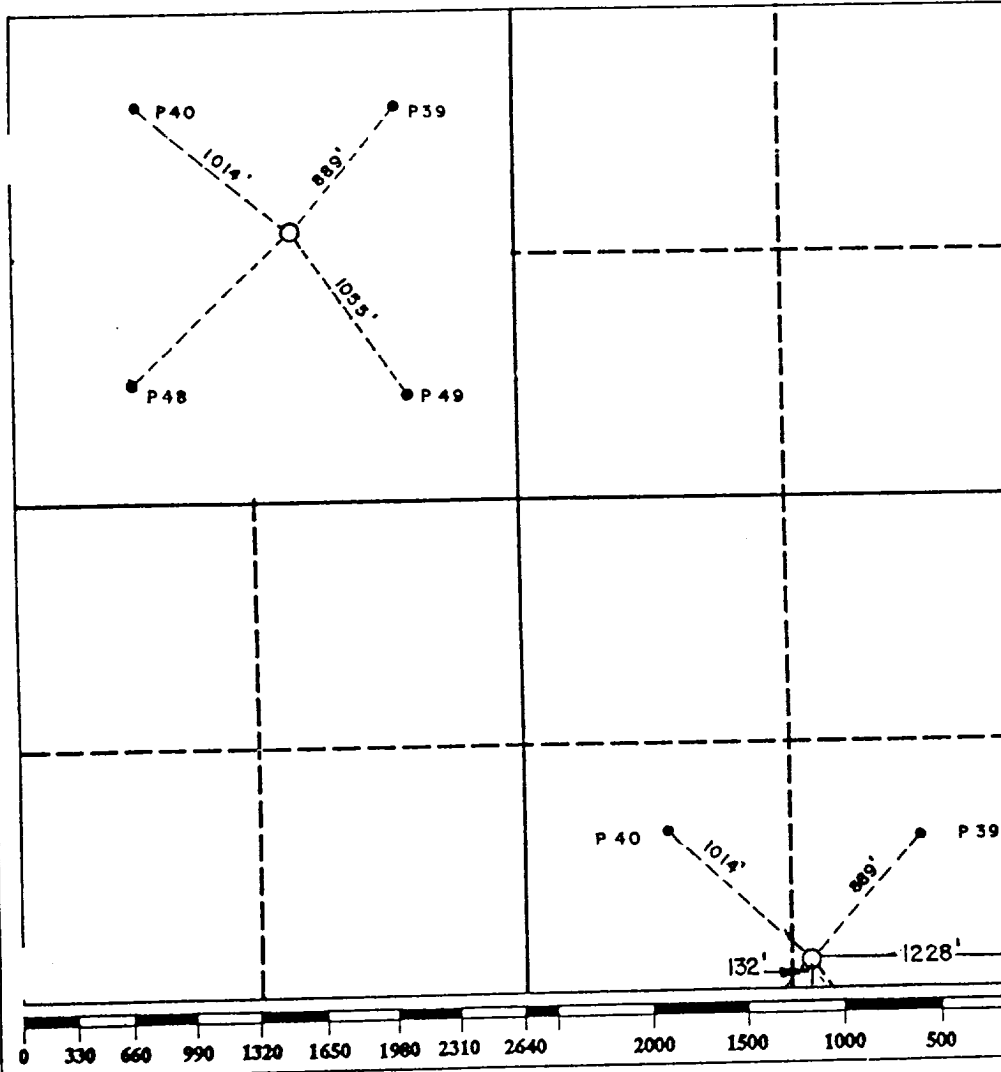
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

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>97 |
| Unit Letter<br>P   | Section<br>36                            | Township<br>16 SOUTH | Range<br>36 EAST                | County<br>LEA                  |                |
| Actual Footage Location of Well:<br>1228 feet from the EAST line and 132 feet from the SOUTH line  |  |                      |                                 |                                |                |
| Ground level Elev.<br>3822.0   | Producing Formation<br>Lovington Paddock |                      | Pool<br>Lovington Paddock       | Dedicated Acreage:<br>40 Acres |                |
| <p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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.?<br/><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u>Unitized</u></p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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 interest, has been approved by the Division.</p> |  |                      |                                 |                                |                |



OPERATOR CERTIFICATION

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

Signature  
*Michael J. Newport*  
Printed Name  
Michael J. Newport  
Position  
Landman  
Company  
Greenhill Petroleum  
Date  
11-28-90

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 are true and correct to the best of my knowledge and belief.

Date Surveyed  
11-28-90  
Signature & Seal of Professional Surveyor

Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239

GREENHILL PETROLEUM CORPORATION  
BOP PROGRAM FOR  
LOVINGTON PADDOCK WELL # 97

| <u>Casing Program</u> |       |      |          | <u>BOP Program</u> |               |
|-----------------------|-------|------|----------|--------------------|---------------|
| Size                  | Depth | Wt   | Grade    | Configuration      | Test Pressure |
| 8 5/8"                | 2050' | 24   | H40, STC | RA                 | 200 psi       |
| 5 1/2"                | 6350' | 15.5 | K55, STC | RR                 | 250/1500 psi  |

\* RR - Ram Ram

RA - Ram Annular

Diverter - Hydrill may be substituted for a diverter