

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)

30-025-31462

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

84120

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

West Lovington Unit

2. Name of Operator

GREENHILL PETROLEUM CORPORATION

8. Well No.

97

3. Address of Operator

11490 Westheimer, Suite 200, Houston, TX. 77077

9. Pool name or Wildcat

West Lovington Upper San Andres

4. Well Location

Unit Letter D : 95 Feet From The North Line and 115 Feet From The West Line

Section 8

Township

17 South Range 36 East

NMPM

Lea

County

10. Proposed Depth  
5230

11. Formation  
San Andres

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
3903.1

14. Kind & Status Plug. Bond  
Blanket on file

15. Drilling Contractor  
TBD

16. Approx. Date Work will start  
12-1-91

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#             | 350'          | 250             | Surface  |
| 7 7/8        | 5 1/2          | 15.5#           | 5230'         | 1300            | 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 11-11-91

713 589-8484

TYPE OR PRINT NAME Michael J. Newport

TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEATON

JAN 22 '92

APPROVED BY DISTRICT OFFICIAL TITLE DISTRICT OFFICIAL DATE 11-11-91

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway

N.L.L. 3090

GREENHILL PETROLEUM CORPORATION  
BOP PROGRAM FOR WEST LOVINGTON UNIT NUMBER 97

Casing Program

BOP Program

| <u>Size</u> | <u>Depth</u> | <u>Wt.</u> | <u>Grade</u> | <u>Configuration</u> | <u>Test Program</u> |
|-------------|--------------|------------|--------------|----------------------|---------------------|
| 8 5/8"      | 350'         | 24#        | J55, STC     | *RR or RA            | 250/1500 psi        |
| 5 1/2"      | 5230'        | 15.5#      | J55, STC     | N/A                  |                     |

\*RR-Ram Ram  
RA-Ram Annular

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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>West Lovington Unit            |                                   | Well No.<br>97     |
| Unit Letter<br>D                                                                                | Section<br>8                      | Township<br>17 South                    | Range<br>36 East                  | County<br>NMPM Lea |
| Actual Footage Location of Well:<br>95 feet from the North line and 115 feet from the West line |                                   |                                         |                                   |                    |
| Ground level Elev.<br>3903.1                                                                    | Producing Formation<br>San Andres | Pool<br>Lovington Upper San Andres west | Dedicated Acreage:<br>20 40 Acres |                    |

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

|      |  |  |  |
|------|--|--|--|
| 95'  |  |  |  |
| 115' |  |  |  |
|      |  |  |  |
|      |  |  |  |
|      |  |  |  |
|      |  |  |  |
|      |  |  |  |
|      |  |  |  |

### OPERATOR CERTIFICATION

I hereby certify that 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

11-11-91

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

October 24, 1991

Signature & Seal of  
Professional Surveyor

*Ronald J. Eidson*  
Certificate No. JOHN W. WEST 676  
RONALD J. EIDSON 3239  
W.O. 91-11-0120

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

NOV 18 1991

NOV 18 1991

NOV 18 1991

4-27-92  
F17