

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)

30-025-31529

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B 3009

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.

83

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

J

: 2625

Feet From The South

Line and

2625

Feet From The

East

Line

Section

5

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.)

3895GR

14. Kind & Status Plug Bond

Blanket on file

15. Drilling Contractor

TBD

16. Approx. Date Work will start

3-92

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#           | 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 1-14-92

713 589-8484

TYPE OR PRINT NAME

Michael J. Newport

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

MAR 03 '92

CONDITIONS OF APPROVAL, IF ANY:

722-3090

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

GREENHILL PETROLEUM CORPORATION  
BOP PROGRAM FOR WEST LOVINGTON UNIT NUMBER 83

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"      | 1300'        | 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

sjs:s  
92.043

# OIL CONSERVATION DIVISION

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

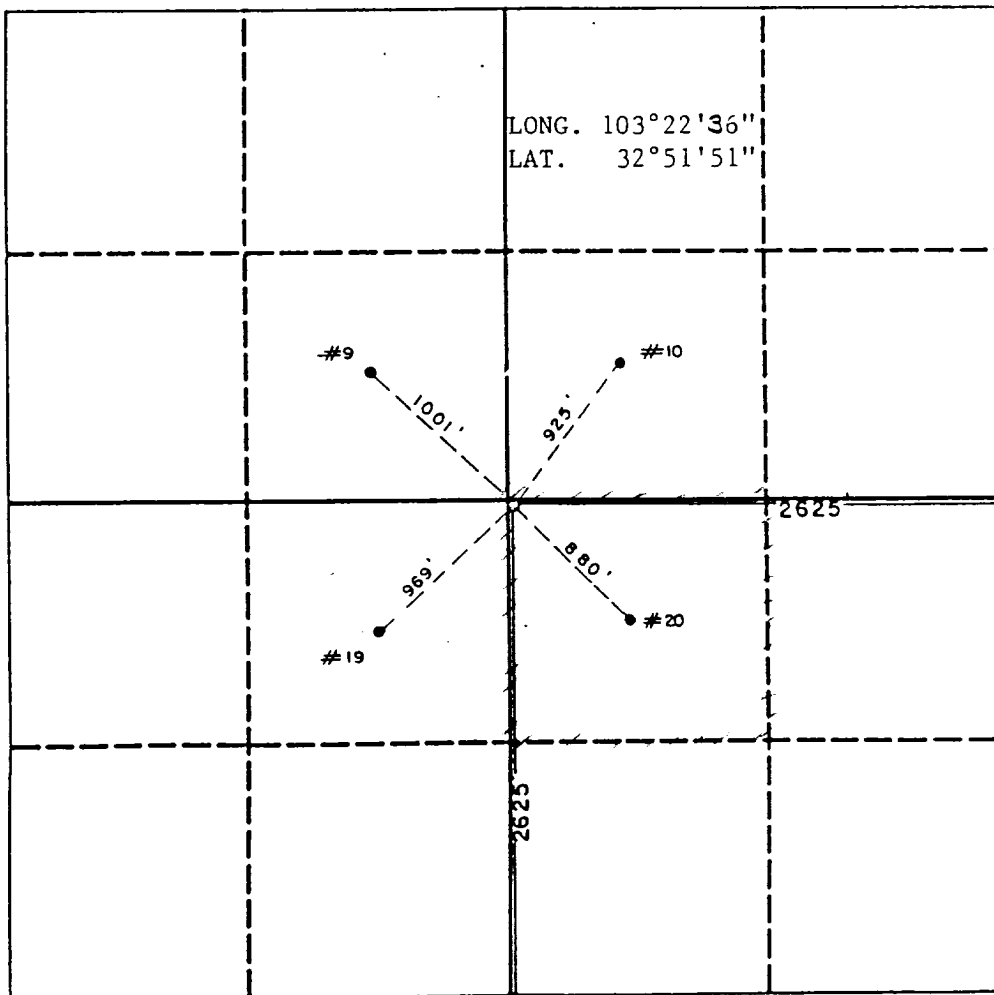
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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><b>GREENHILL PETROLEUM CORP.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |                             | Lease<br><b>WEST LOVINGTON UNIT</b>       |                      | Well No.<br><b>83</b>                      |
| Unit Letter<br><b>J</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Section<br><b>5</b>                      | Township<br><b>17 SOUTH</b> | Range<br><b>36 EAST</b>                   | County<br><b>LEA</b> | <b>NMPM</b>                                |
| Actual Footage Location of Well:<br>2625 feet from the <b>SOUTH</b> line and 2625 feet from the <b>EAST</b> line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                          |                             |                                           |                      |                                            |
| Ground level Elev.<br><b>3895.4</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Producing Formation<br><b>San Andres</b> |                             | Pool<br><b>Lovington Upper San Andres</b> |                      | Dedicated Acreage:<br><b>40 -20- Acres</b> |
| <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 <b>unitized</b></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  
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

**10-4-91**

Signature & Seal of  
Professional Surveyor

**Ronald J. Eidson**  
Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3238**

91-11-0106