

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

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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)

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B4286-1

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.

71

3. Address of Operator

16010 Barker's Point Lane, Suite 325, Houston, TX

9. Pool name or Wildcat

Lovington San Andres West

4. Well Location

Unit Letter C : 1300 Feet From The North Line and 1350 Feet From The West Line

Section 4 Township 17S Range 36E 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.)

3891.3 GR

14. Kind & Status Plug Bond

Blanket on file

15. Drilling Contractor

TBD

16. Approx. Date Work will start

7/30/90

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#             | 350'          | 250             | Surface  |
| 7 7/8        | 5 1/2          | 15.5#           | 5277'         | 1400            | 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

Landman

DATE

8/2/90

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-182  
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 DO, Artesia, NM 88210

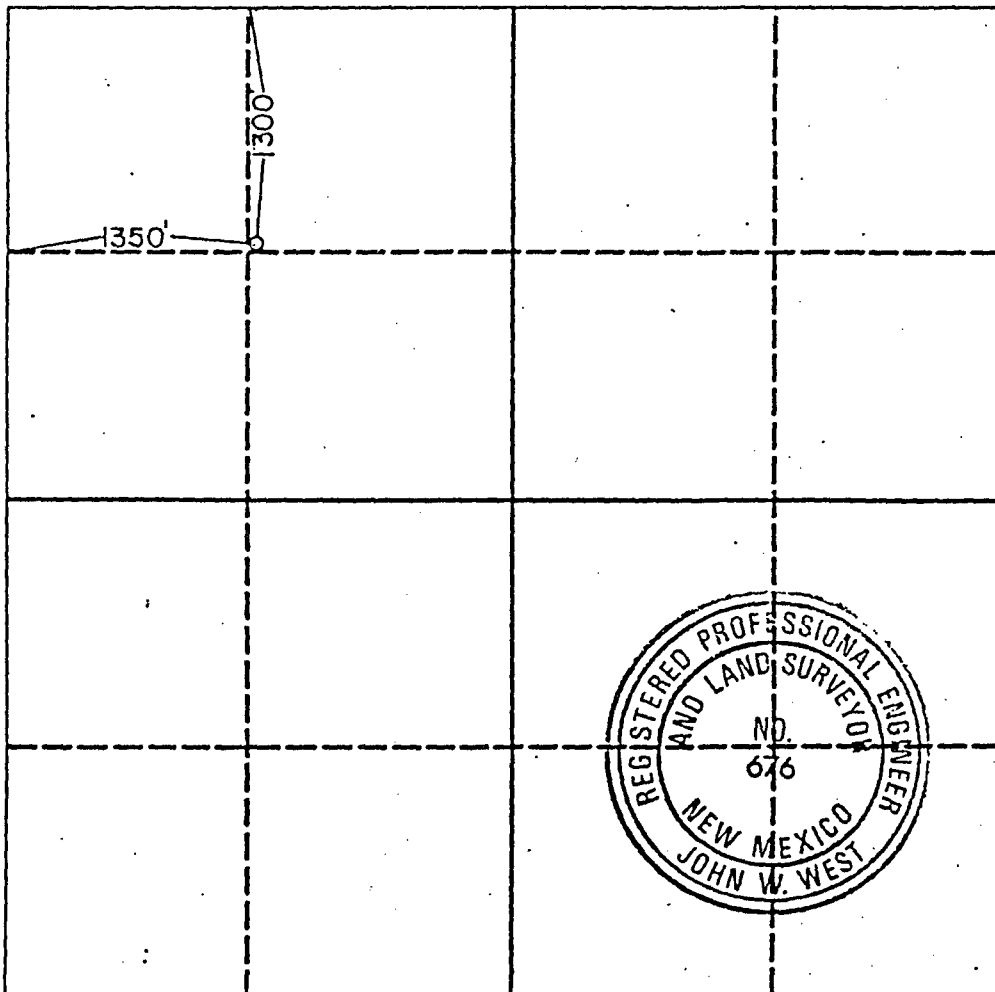
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|                                                                                                    |              |                      |                              |               |                             |
|----------------------------------------------------------------------------------------------------|--------------|----------------------|------------------------------|---------------|-----------------------------|
| Operator<br>GREENHILL PETROLEUM CORPORATION                                                        |              |                      | Lease<br>West Lovington Unit |               | Well No.<br>71              |
| Unit Letter<br>C                                                                                   | Section<br>4 | Township<br>17 South | Range<br>36 East             | County<br>Lea |                             |
| Actual Footage Location of Well:<br>1300 feet from the North line and 1350 feet from the West line |              |                      |                              |               |                             |
| Ground level Elev.<br>3891.3                                                                       |              | Producing Formation  |                              | Pool          |                             |
|                                                                                                    |              |                      |                              |               | Dedicated Acreage:<br>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 \_\_\_\_\_  
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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Position

Company

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

July 19, 1990

Signature & Seal of  
Professional Surveyor

Certificate No.

JOHN W. WEST, 676

RONALD J. EIDSON, 3239

Back to Appropriation  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-282  
Revised 1-1-80

OIL CONSERVATION DIVISION

P.O. Box 2083

Santa Fe, New Mexico 87504-2083

DISTRICT I  
P.O. Box 1900, Hobbs, NM 88240

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

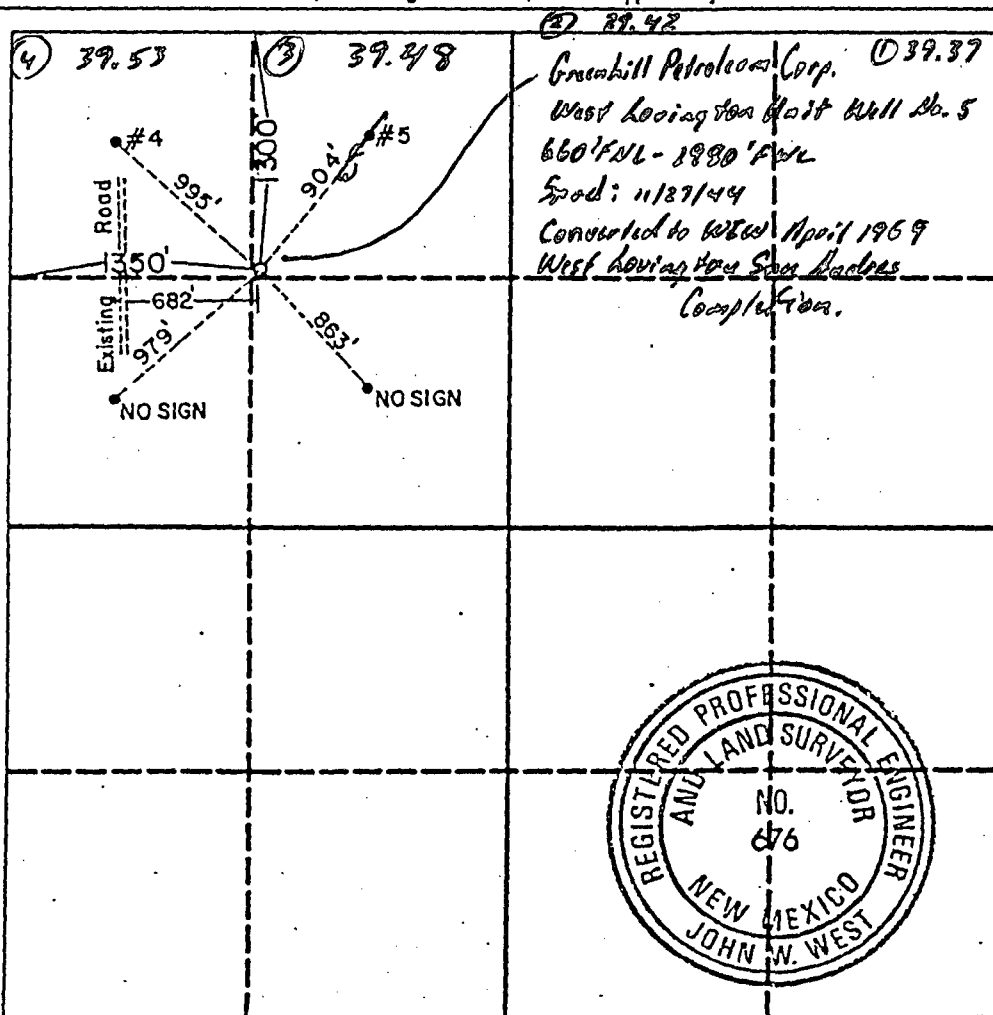
DISTRICT III  
1000 Rio Bonito Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|                                                                                                    |                     |                      |                              |               |                             |
|----------------------------------------------------------------------------------------------------|---------------------|----------------------|------------------------------|---------------|-----------------------------|
| Operator<br>GREENHILL PETROLEUM CORPORATION                                                        |                     |                      | Lease<br>West Lovington Unit |               | Well No.<br>71              |
| Unit Letter<br>C                                                                                   | Section<br>4        | Township<br>17 South | Range<br>36 East             | County<br>Lea |                             |
| Actual Footage Location of Well:<br>1300 feet from the North line and 1350 feet from the West line |                     |                      |                              |               |                             |
| Ground level Elev.<br>3891.3                                                                       | Producing Formation |                      |                              | Pool          | Dedicated Acreage:<br>Acres |

- Outline the acreage dedicated to the subject well by colored pencil or ink 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 \_\_\_\_\_  
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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

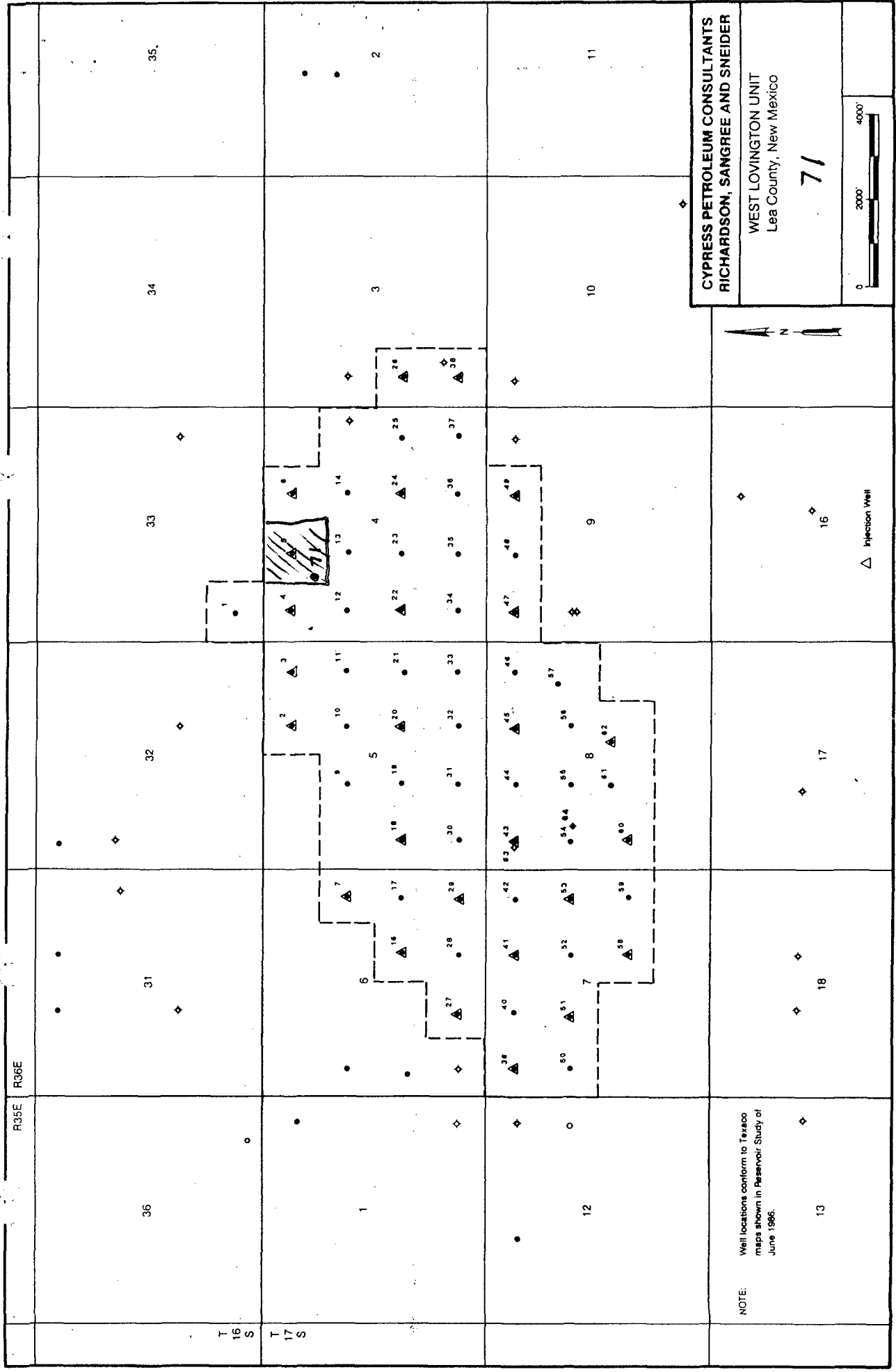
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Michael J. Newport*  
Printed Name: Michael J. Newport  
Position: \_\_\_\_\_  
Company: \_\_\_\_\_  
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: July 19, 1990  
Signature & Seal of Professional Surveyor: *John W. West*  
Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239



GREENHILL PETROLEUM CORPORATION  
B O P PROGRAM FOR  
WEST LOVINGTON UNIT #71

| <u>Casing Program</u> |              |           |              | <u>B O P Program</u> |                     |
|-----------------------|--------------|-----------|--------------|----------------------|---------------------|
| <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



# GREENHILL PETROLEUM CORPORATION

12777 JONES ROAD, SUITE 375  
HOUSTON, TEXAS 77070  
TELEPHONE (713) 955-1146  
FAX (713) 955-5105

Incorporated in Delaware, U.S.A.

*71*

August 23, 1990

Yates Energy Corporation  
P. O. Box 2323  
Sunset Centre, Suite 1010  
Roswell, NM 88202-2323

Re: West Lovington Unit

This letter is to hereby notify you that Greenhill Petroleum Corporation will be drilling Well No. 70 to a depth of 5230' to test the San Andres formation, 1300 FNL and 15 FWL, Section 4, T17S-R36E, Well No. 71 to a depth of 5230' to test the San Andres formation, 1300 FNL and 1350 FWL, Section 4, T17S-R36E and Well No. 73, to a depth of 5230' to test the San Andres formation, 1305 FSL and 1335 FEL, Section 4, T17S-R36E, Lea County, New Mexico all within our West Lovington Unit.

Please sign and return immediately to the above address in the event you do not object to our proposed well.

Very truly yours,

*Michael J. Newport*

Michael J. Newport  
Landman

MJN:ntd  
Enclosure  
WLU052  
cc: Mike Stogner/NMOCC

Agreed to and accepted this \_\_\_\_\_ day of \_\_\_\_\_, 1990.

YATES ENERGY CORPORATION

BY: \_\_\_\_\_



# GREENHILL PETROLEUM CORPORATION

12777 JONES ROAD, SUITE 375  
HOUSTON, TEXAS 77070  
TELEPHONE (713) 955-1146  
FAX (713) 955-5105

Incorporated in Delaware, U.S.A.

#71

August 23, 1990

Texaco, Inc.  
P. O. Box 52332  
Houston, TX 77052

Re: West Lovington Unit

This letter is to hereby notify you that Greenhill Petroleum Corporation will be drilling Well No. 68 to a depth of 5230' to test the San Andres formation, 1335 FNL and 1280 FWL in Section 7, T17S-R36E, Well No. 69 to a depth of 5230' to test the San Andres formation, 1305 FNL and 2575 FWL, Section 7, T17S-R36E, Well No. 71 to a depth of 5230' to test the San Andres formation 1300 FNL and 1350 FWL, Section 4, T17S-R36E, and Well No. 70 to a depth of 5230' to test the San Andres formation, 1300 FNL and 15 FWL, Section 4, T17S-R36E, Lea County, New Mexico all within our West Lovington Unit.

Please sign and return immediately to the above address in the event you do not object to our proposed well.

Very truly yours,

  
Michael J. Newport  
Landman

MJN:ntd  
Enclosure  
WLU051  
cc: Mike Stogner/NMOCC

Agreed to and accepted this \_\_\_\_\_ day of \_\_\_\_\_, 1990.

TEXACO INC.

BY: \_\_\_\_\_



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

August 20, 1990

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

Greenhill Petroleum Corporation  
12777 Jones Road  
Suite 375  
Houston, TX 77079

Attention: Michael J. Newport

RE: *Application for non-standard location: West Lovington Unit Well No. 71, 1300' FNL - 1350' FWL, C-4-T17S-R36E, Lea County, New Mexico.*

Dear Mr. Newport:

We may not process the subject application for a non-standard location until the required information or plat(s) checked below are submitted.

- ☒ A plat must be submitted clearly showing the ownership of the offsetting leases.
- ☒ A statement must be submitted that offset operators have been notified of the application by certified mail.
- ☐ A plat must be submitted fully identifying the topography necessitating the non-standard location.
- ☐ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer





# GREENHILL PETROLEUM CORPORATION

12777 JONES ROAD, SUITE 375  
HOUSTON, TEXAS 77070  
TELEPHONE (713) 955-1146  
FAX (713) 955-5105

Incorporated in Delaware, U.S.A.

August 28, 1990

State of New Mexico  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

Attn: Mr. Michael E. Stogner

Re: West Lovington Unit  
Well Numbers 67, 68, 69, 70, 71, 73, and 74.  
Lea County, New Mexico

OIL CONSERVATION DIVISION  
REMOVED  
'90 AUG 31 AM 8 04

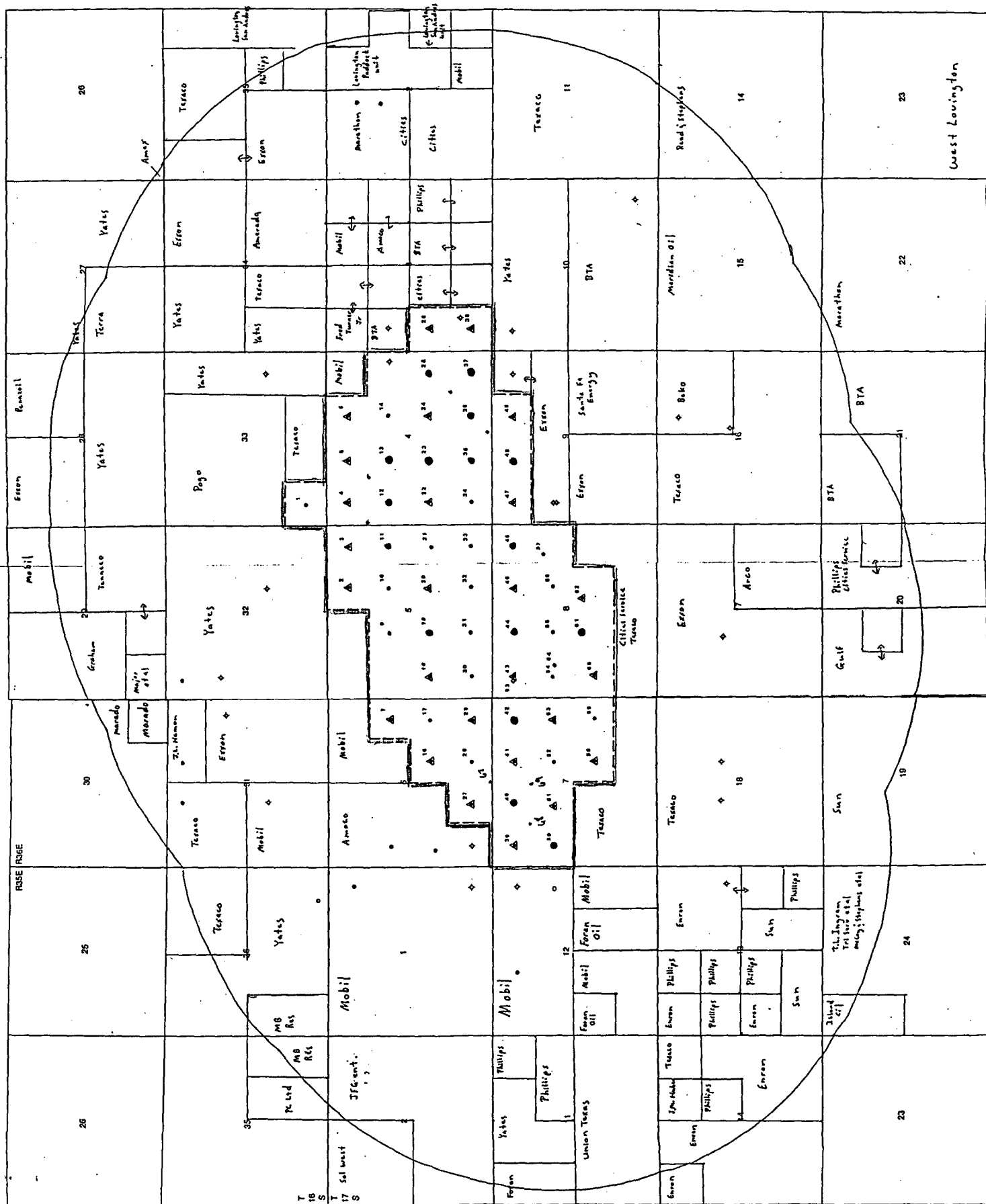
Dear Mr. Stogner:

Enclosed please find the plat which summarizes the ownership of the offsetting leases.

Very truly yours,

Michael J. Newport  
Landman

MJN:ntd  
Enclosures  
WLU056





# GREENHILL PETROLEUM CORPORATION

RECEIVED

12777 JONES ROAD, SUITE 375  
HOUSTON, TEXAS 77070  
TELEPHONE (713) 955-1146  
FAX (713) 955-5105

Incorporated in Delaware, U.S.A.

'90 SEP 18 AM 8 40

September 14, 1990

Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: Michael Stogner

RE: West Lovington  
Lea County, New Mexico

Reference is made to the request for an unorthodox location covering Wells Nos. 67, 68, 69, 70, 71, 72, 73 and 74. I have contacted the offset operators and the following is a status report.

Well No. 70 - Contacted Yates Energy. I am enclosing the receipt which shows they received notification on September 4, 1990. The 20-day period would allow Greenhill to be issued a Permit on September 24, 1990.

Well No. 71 - Contacted Texaco. I am enclosing the receipt which shows they received notification on 8/27/90. The 20-day period would allow Greenhill to be issued a permit on 9/16/90.

Wells Nos. 73, 74 - Exxon has been notified on 8/29/90 of the location. They are a partner with us on the project. They have agreed to the drilling. The 20-day period would allow us to receive a permit for 73 and 74 on 9/18/90.

Greenhill has contracted two rigs to drill these wells and is waiting on approved permits. Your cooperation in obtaining these permits on the dates summarized will be greatly appreciated.

Very truly yours,

Michael J. Newport  
Landman

MJN:scc  
Encls:3  
0914WLU1

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in **RETURN TO:** Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you with the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. ☐ Restricted Delivery  
 †(Extra charge)† †(Extra charge)†

3. Article Addressed to:  
 Yates Energy Corporation  
 P. O. Box 2323  
 Sunset Centre, Suite 120  
 Roswell, New Mexico 88202-2323

4. Article Number:  
 P 496 477 383

Type of Service:  
☐ Registered ☐ Insured  
☒ Certified ☐ COD  
☐ Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature — Addressee  
 X

6. Signature — Agent  
 X *Christa [Signature]*

7. Date of Delivery  
 SEP 4 1990

PS Form 3811, Mar. 1987

U.S.G.P.O. 1987-178-268

DOMESTIC RETURN RECEIPT

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in **RETURN TO:** Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you with the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. ☐ Restricted Delivery  
 †(Extra charge)† †(Extra charge)†

3. Article Addressed to:  
 Texaco, Inc.  
 P. O. Box 52332  
 Houston, Texas 77052

4. Article Number:  
 P 496 477 385

Type of Service:  
☐ Registered ☐ Insured  
☒ Certified ☐ COD  
☐ Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature — Addressee  
 X

6. Signature — Agent  
 X *[Signature]*

7. Date of Delivery  
 SEP 2 1990

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1987

U.S.G.P.O. 1987-178-268

DOMESTIC RETURN RECEIPT

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in **RETURN TO:** Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you with the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. ☐ Restricted Delivery  
 †(Extra charge)† †(Extra charge)†

3. Article Addressed to:  
 Hank Alford-Land Mngr.  
 EXXON Co., U.S.A.  
 233 Benmar  
 Suite 970  
 Houston, Texas 77060

4. Article Number:  
 P-496 477 380

Type of Service:  
☐ Registered ☐ Insured  
☒ Certified ☐ COD  
☐ Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature — Addressee  
 X

6. Signature — Agent  
 X *[Signature]*

7. Date of Delivery  
 SEP 4 1990

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1987

U.S.G.P.O. 1987-178-268

DOMESTIC RETURN RECEIPT