



# GREENHILL PETROLEUM CORPORATION

11490 WESTHEIMER ROAD, SUITE 200  
HOUSTON, TEXAS 77077-6841  
TELEPHONE (713) 589-8484  
FAX. (713) 589-7892

Incorporated in Delaware, U.S.A.

January 14, 1992

Oil Conservation Division  
State of New Mexico  
Energy, Minerals and Natural Resources Department  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: Mr. Mike Stogner

Re: Unorthodox Location and Drilling Permit  
Proposed Well Number 83  
West Lovington Unit  
Lea County, New Mexico

Dear Mr. Stogner:

Greenhill Petroleum Corporation respectfully requests the State of New Mexico Oil Conservation Division grant approval of the proposed unorthodox location and the attached permit to drill Well Number 83 in the West Lovington Unit, located in Lea County, New Mexico.

The West Lovington Unit is presently developed and being water-flooded utilizing a 40-acre well density. It is believed that infill development using a 20-acre well density will improve water-flood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 83 is located in the interior the unit and is not competitive with offset wells outside the unit. Information gathered as a result of drilling this infill well will be utilized in evaluating additional infill development potential in the unit and ultimately may be used to evaluate the feasibility of tertiary recovery.

Greenhill Petroleum Corporation wishes to commence drilling operations on the proposed well as soon as possible and would appreciate a response to this request at your earliest convenience.

Respectfully yours,

*Michael J. Newport*  
Michael J. Newport  
Land Manager-Permian Basin

MJN:sjs  
91.261

Enclosures

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

*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

10-4-91

Signature & Seal of  
Professional Surveyor

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

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

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Unit Letter J	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	

Actual Footage Location of Well:

2625 feet from the SOUTH line and 2625 feet from the EAST line

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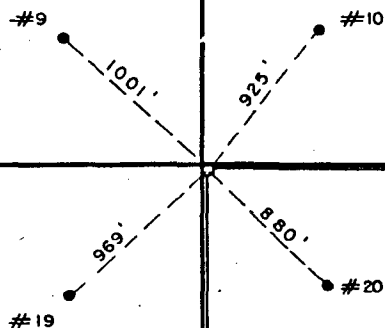
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LONG. 103°22'36"  
LAT. 32°51'51"



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Signature *Michael J. Newport*  
Printed Name  
Michael J. Newport  
Land Manager-Permian Basin  
Position  
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Company  
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Date

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API NO. (assigned by OCD on New Wells)

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 ☐

2. Name of Operator

GREENHILL PETROLEUM CORPORATION

7. Lease Name or Unit Agreement Name

West Lovington Unit

3. Address of Operator

11490 Westheimer, Suite 200, Houston, TX. 77077

8. Well No.

83

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.

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SIGNATURE

*Michael J. Newport*

TITLE

Land Manager-Permian Basin

DATE

1-14-92

TYPE OR PRINT NAME

Michael J. Newport

713 589-8484

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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>
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\*RR-Ram Ram  
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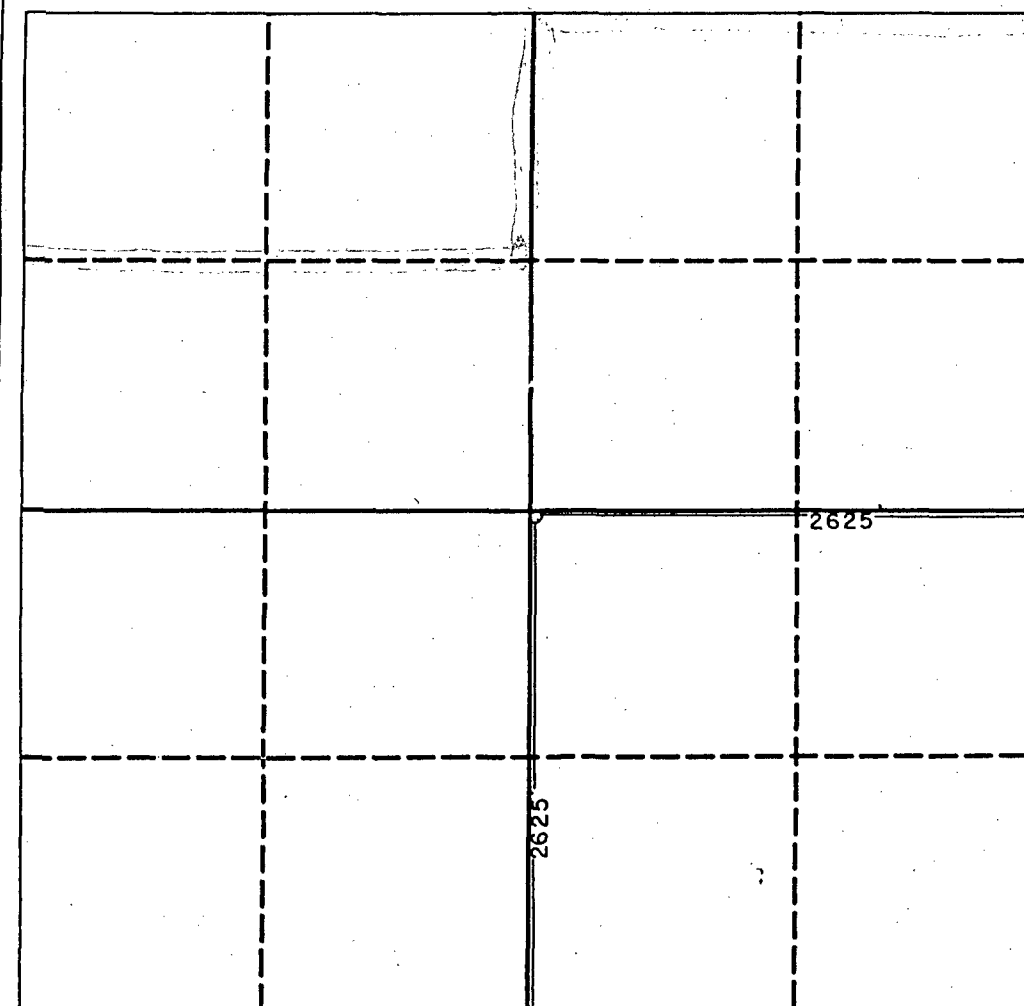
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Michael J. Newport

Printed Name  
Land Manager-Permian Basin

Position  
Greenhill Petroleum Corp.

Company  
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Date

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RONALD J. EIDSON 3239

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All Distances must be from the outer boundaries of the section

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

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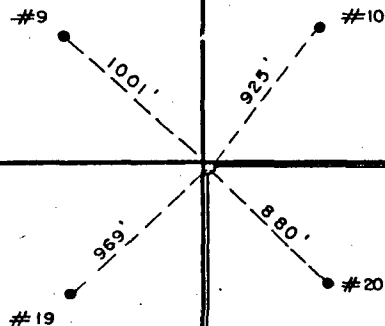
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Land Manager-Permian Basin

Position  
**Greenhill Petroleum Corp.**

Company  
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91-11-0106

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API NO. (assigned by OCD on New Wells)

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

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2. Name of Operator

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9. Pool name or Wildcat

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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.)

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14. Kind & Status Plug. Bond

Blanket on file

15. Drilling Contractor

TBD

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DATE 1-14-92

TYPE OR PRINT NAME

Michael J. Newport

713 589-8484

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



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BOP PROGRAM FOR WEST LOVINGTON UNIT NUMBER 83

Casing Program

BOP Program

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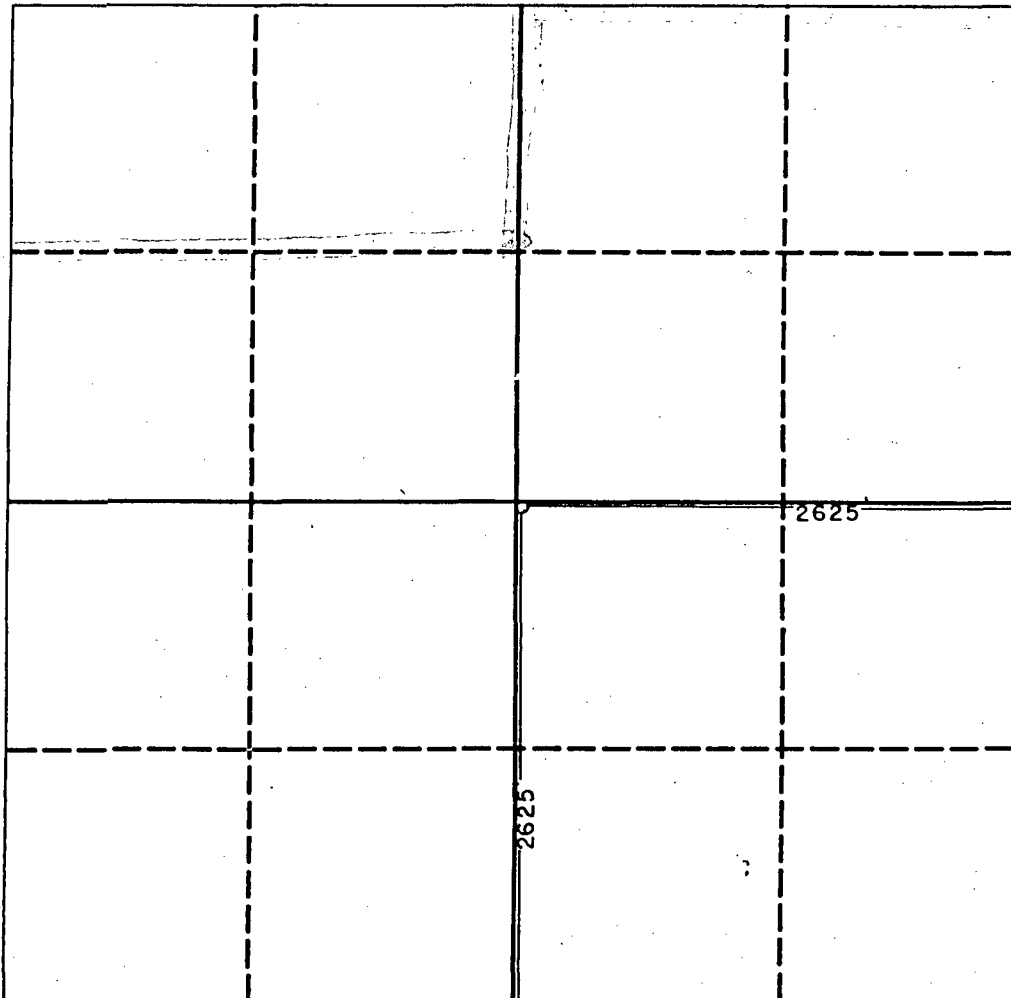
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Position

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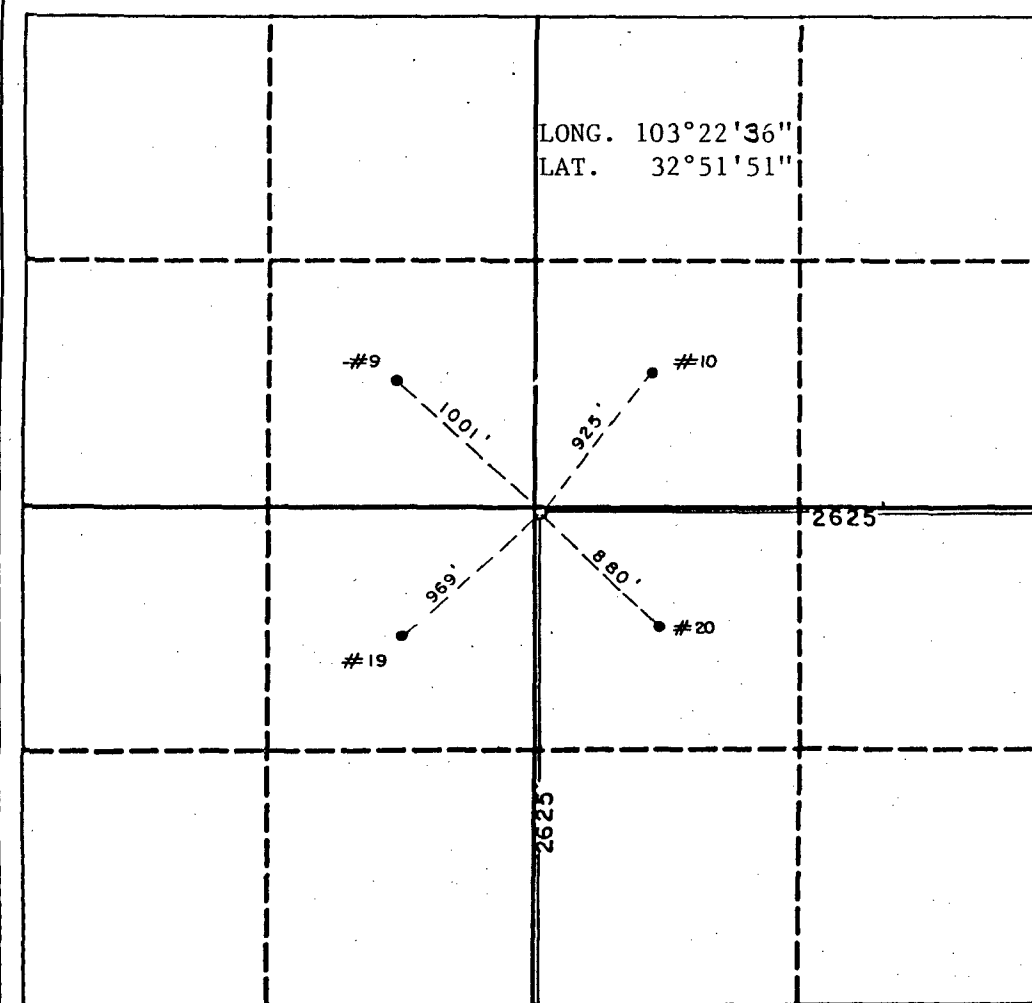
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Range

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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

CONDITIONS OF APPROVAL, IF ANY:

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

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-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

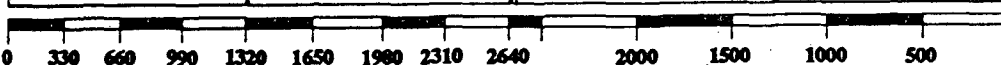
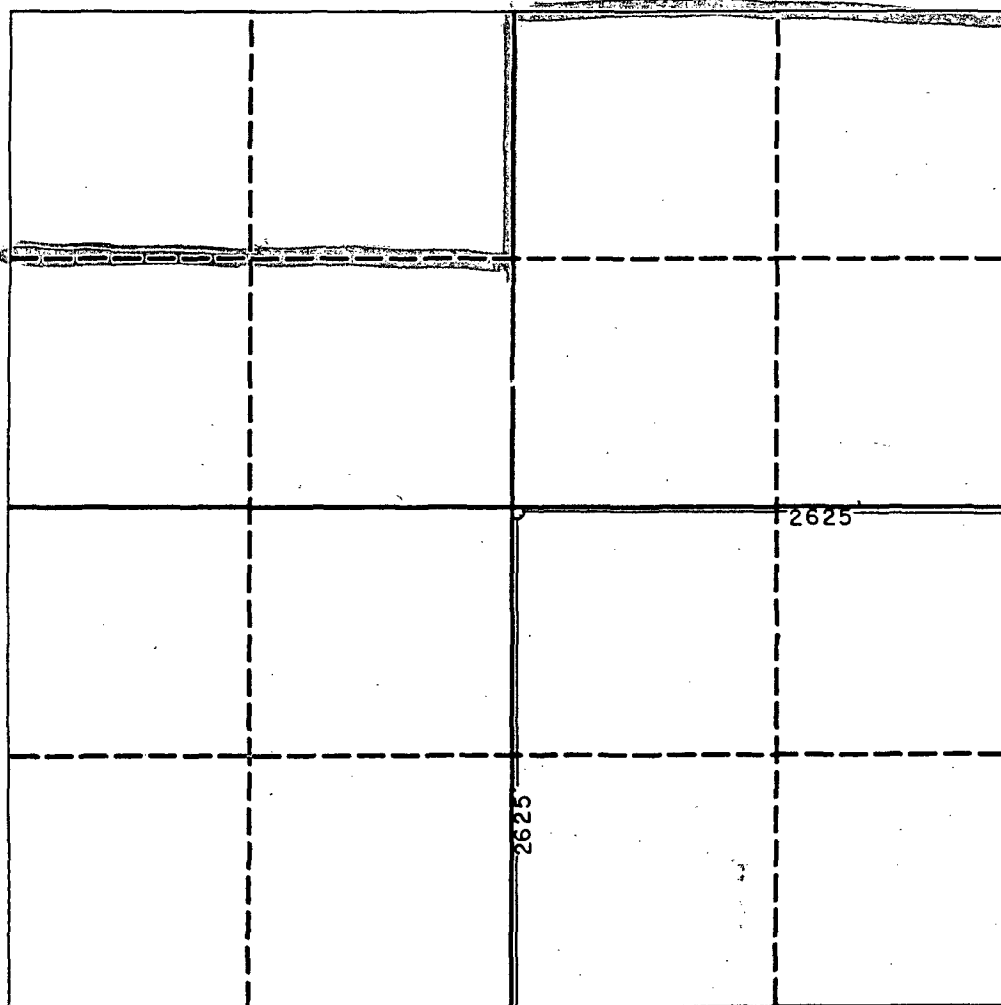
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 83
Unit Letter J	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	NMPM
Actual Footage Location of Well: 2625 feet from the SOUTH line and 2625 feet from the EAST line					
Ground level Elev. 3895.4	Producing Formation San Andres		Pool Lovington Upper San Andres		Dedicated Acreage: 20 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, 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  
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  
Certificate No. 676  
JOHN W. WEST  
RONALD J. EIDSON  
3239  
NEW MEXICO  
9/11/06

Submit to Appropriate  
District Office  
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Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

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 GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 83
Unit Letter J	Section 5	Township 17 SOUTH	Range 36 EAST	County NMPM	LEA

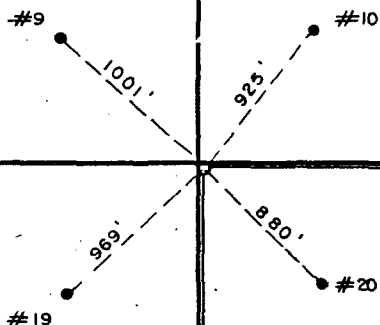
Actual Footage Location of Well:

2625 feet from the SOUTH line and 2625 feet from the EAST line

Ground level Elev. 3895.4	Producing Formation San Andres	Pool Lovington Upper San Andres	Dedicated Acreage: 20 Acres
------------------------------	-----------------------------------	------------------------------------	--------------------------------

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LONG. 103°22'36"  
LAT. 32°51'51"



OPERATOR CERTIFICATION

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Signature

Michael J. Newport

Printed Name

Land Manager-Permian Basin

Position

Greenhill Petroleum Corp.

Company

11-11-91

Date

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Date Surveyed

10-4-91

Signature & Seal of  
Professional Surveyor

RONALD J. EIDSON  
Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239  
91-11-0106

Submit to Appropriate  
District Office  
State Lease - 6 copies  
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State of New Mexico  
Energy, Minerals and Natural Resources Department

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Revised 1-1-89

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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.

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:

OR  
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
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SIGNATURE

*Michael J. Newport*

TITLE

Land Manager-Permian Basin

DATE 1-14-92

TYPE OR PRINT NAME

Michael J. Newport

713 589-8484

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



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



# GREENHILL PETROLEUM CORPORATION

Incorporated in Delaware, U.S.A.

11490 WESTHEIMER ROAD, SUITE 200  
HOUSTON, TEXAS 77077-6841  
TELEPHONE (713) 589-8484  
FAX (713) 589-7892

RECEIVED  
'92 JAN 17 AM 9 03

January 14, 1992

Oil Conservation Division  
State of New Mexico  
Energy, Minerals and Natural Resources Department  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: Mr. Mike Stogner

Re: Unorthodox Location and Drilling Permit  
Proposed Well Number 84  
West Lovington Unit  
Lea County, New Mexico

Dear Mr. Stogner:

Greenhill Petroleum Corporation respectfully requests the State of New Mexico Oil Conservation Division grant approval of the proposed unorthodox location and the attached permit to drill Well Number 84 in the West Lovington Unit, located in Lea County, New Mexico.

The West Lovington Unit is presently developed and being water-flooded utilizing a 40-acre well density. It is believed that infill development using a 20-acre well density will improve water-flood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 84 is located in the interior the unit and is not competitive with offset wells outside the unit. Information gathered as a result of drilling this infill well will be utilized in evaluating additional infill development potential in the unit and ultimately may be used to evaluate the feasibility of tertiary recovery.

Greenhill Petroleum Corporation wishes to commence drilling operations on the proposed well as soon as possible and would appreciate a response to this request at your earliest convenience.

Respectfully yours,

Michael J. Newport  
Land Manager-Permian Basin

MJN:sjs  
91.261

Enclosures

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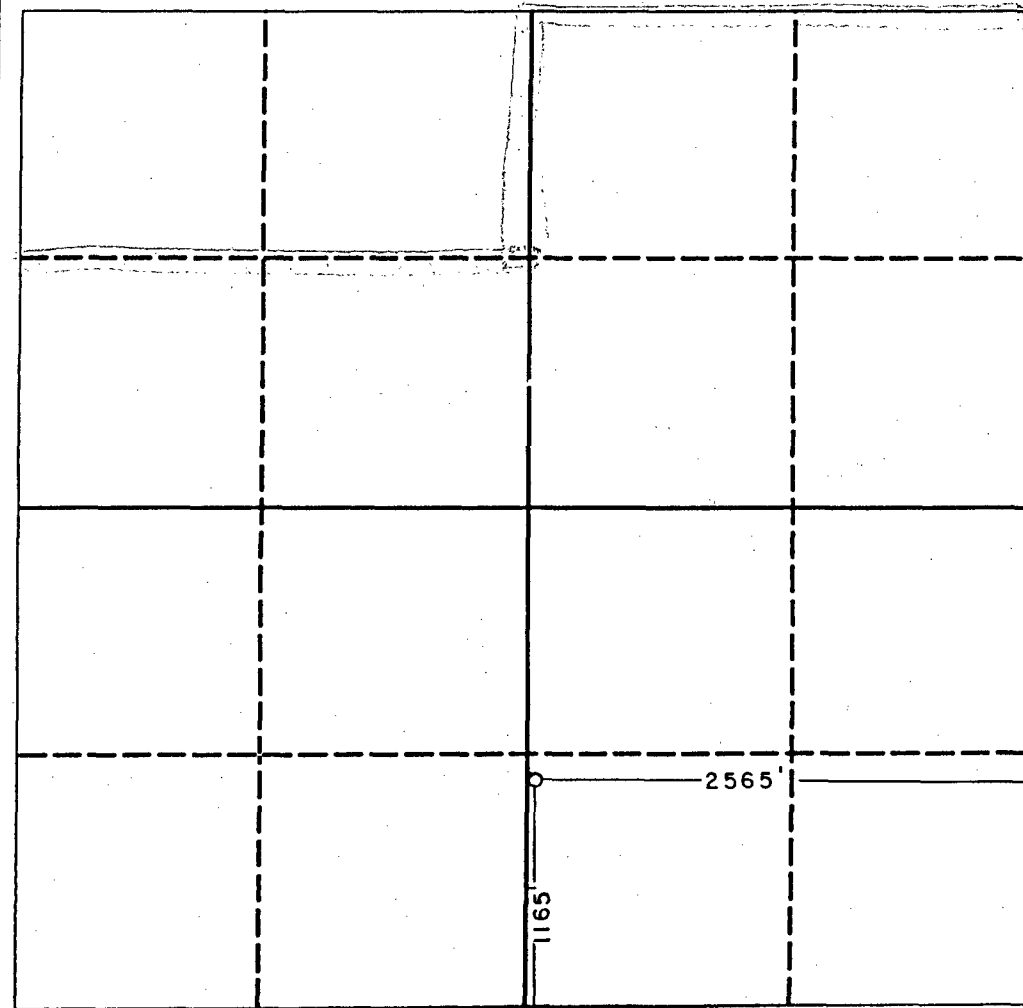
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator <b>GREENHILL PETROLEUM CORP.</b>			Lease <b>WEST LOVINGTON UNIT</b>		Well No. <b>84</b>
Unit Letter <b>0</b>	Section <b>5</b>	Township <b>17 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>1165</b> feet from the <b>SOUTH</b> line and <b>2625</b> feet from the <b>EAST</b> line					
Ground level Elev. <b>3898.0</b>	Producing Formation <b>San Andres</b>		Pool <b>Lovington Upper San Andres</b>		Dedicated Acreage: <b>20</b> 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 the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  
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**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  
**Land Manager-Permian Basin**

Company  
**Greenhill Petroleum Corp.**

Date  
**11-11-91**

**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, 3239**

**W.0 91-11-0107**

Submit to Appropriate  
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State of New Mexico  
Energy, Minerals and Natural Resources Department

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P.O. Box 1980, Hobbs, NM 88240

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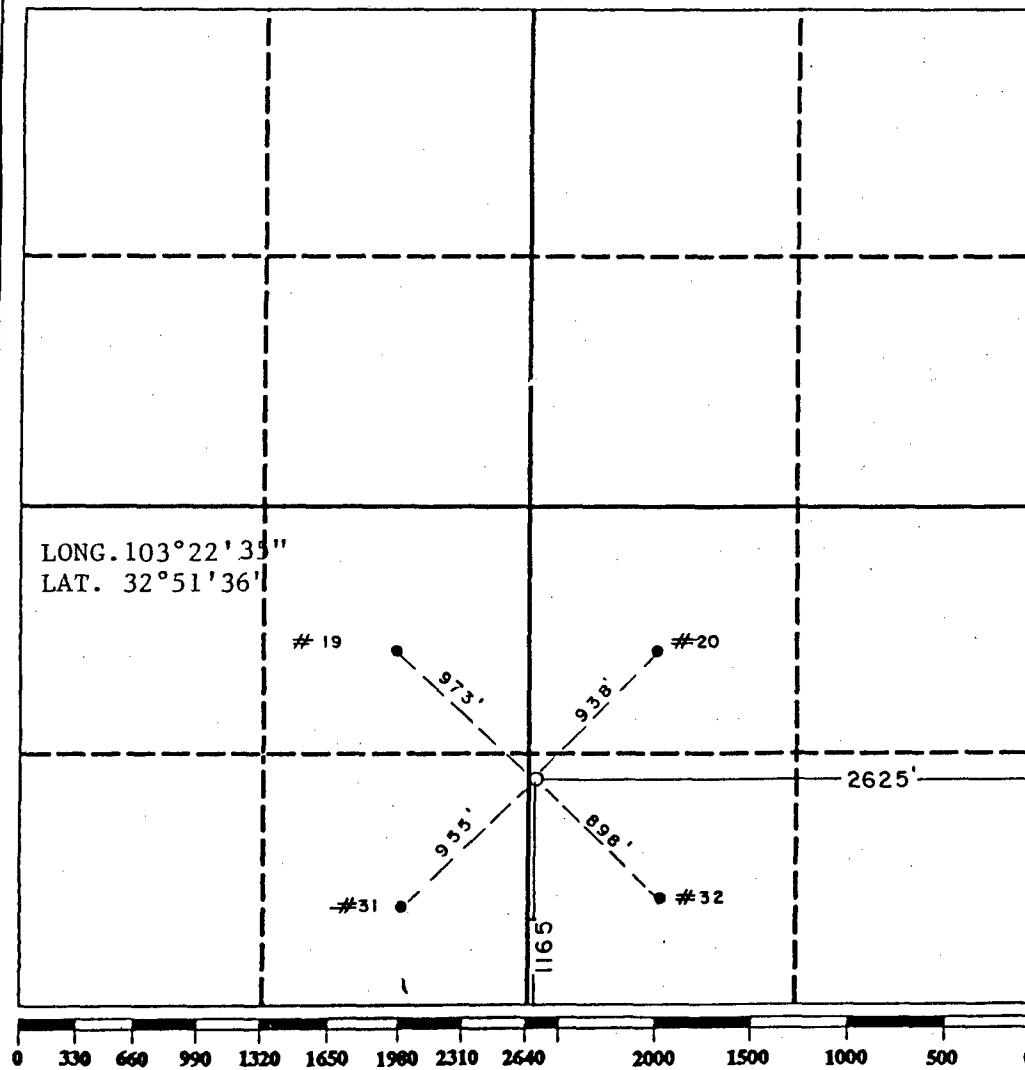
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 84
Unit Letter 0	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	NMPM
Actual Footage Location of Well: 1165 feet from the SOUTH line and 2625 feet from the EAST line					
Ground level Elev. 3898.0	Producing Formation San Andres		Pool Lovington Upper San Andres		Dedicated Acreage: 20 Acres

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Signature *Michael J. Newport*  
Michael J. Newport  
Printed Name  
Land Manager-Permian Basin  
Position  
Greenhill Petroleum Corp.  
Company  
11-11-91  
Date

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Date Surveyed 10-4-91  
Signature & Seal of Professional Surveyor  
*Ronald J. Eidson*  
Certificate No. JOHN W. WEST 676  
RONALD J. EIDSON 3239  
W.O. 91-11-0107

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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.

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.

84

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 0 : 1165 Feet From The South Line and 2625 Feet From The East Line

Section 5

Township 17South

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.)

3898 GR

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
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SIGNATURE

*Michael J. Newport*

TITLE

Land Manager-Permian Basin

DATE 1-14-92

TYPE OR PRINT NAME

Michael J. Newport

713 589-8484

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

GREENHILL PETROLEUM CORPORATION  
BOP PROGRAM FOR WEST LOVINGTON UNIT NUMBER 84

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#	J-55, STC	*RR or RA	250/1500 psi
5 1/2"	5230'	15.5#	J-55, STC	N/A	

\*RR-Ram Ram  
RA-Ram Annular

sjs:s  
92.044

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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

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DISTRICT II

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

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

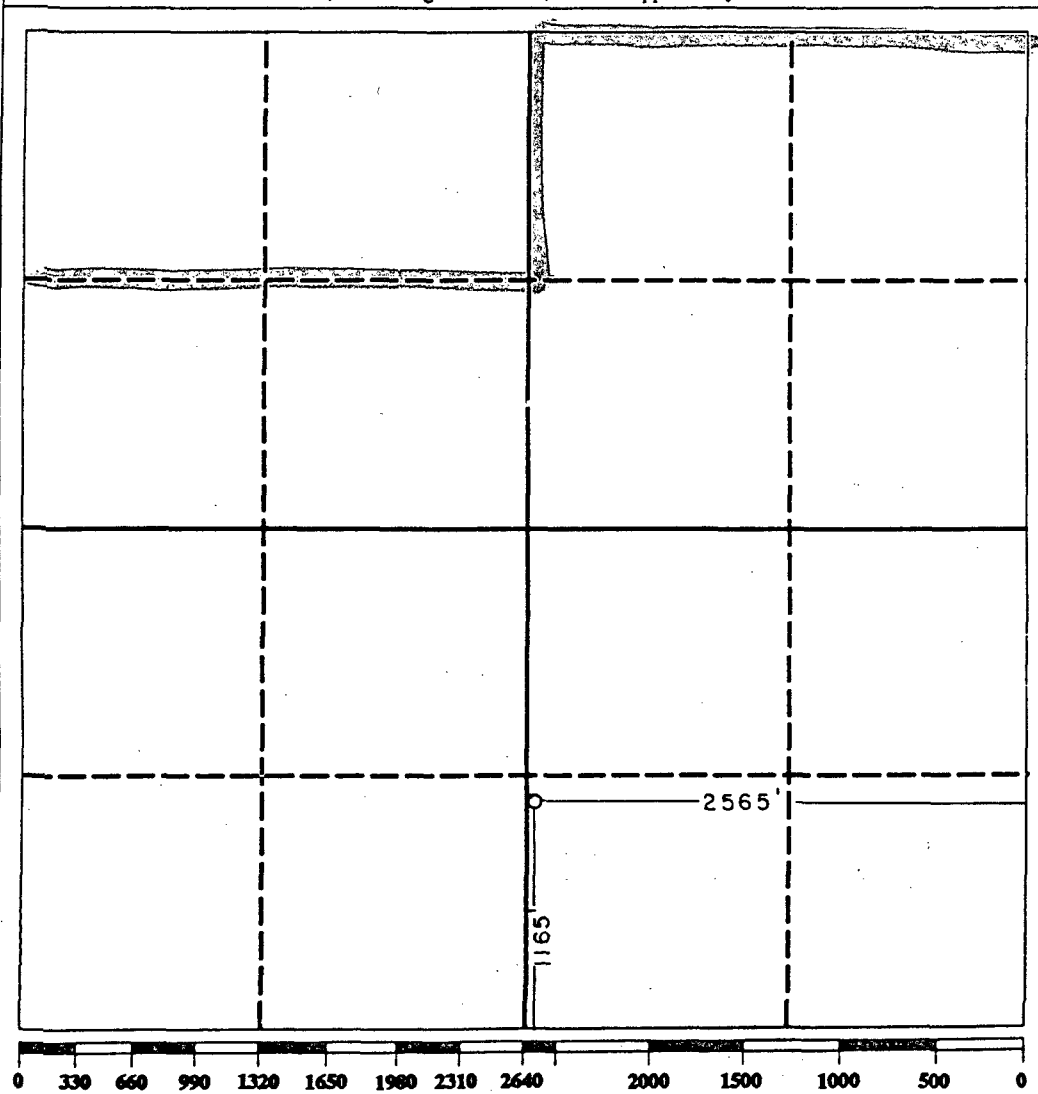
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*Michael J. Newport*  
Signature

Michael J. Newport

Printed Name

Land Manager-Permian Basin

Position

Greenhill Petroleum Corp.

Company

11-11-91

Date

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Date Surveyed 10-4-91

Signature & Seal of Professional Surveyor

*Ronald J. Eidson*  
Certificate No. JOHN W. WEST 676  
RONALD J. EIDSON 3239  
NEW MEXICO 91-11-0107  
RONALD J. EIDSON

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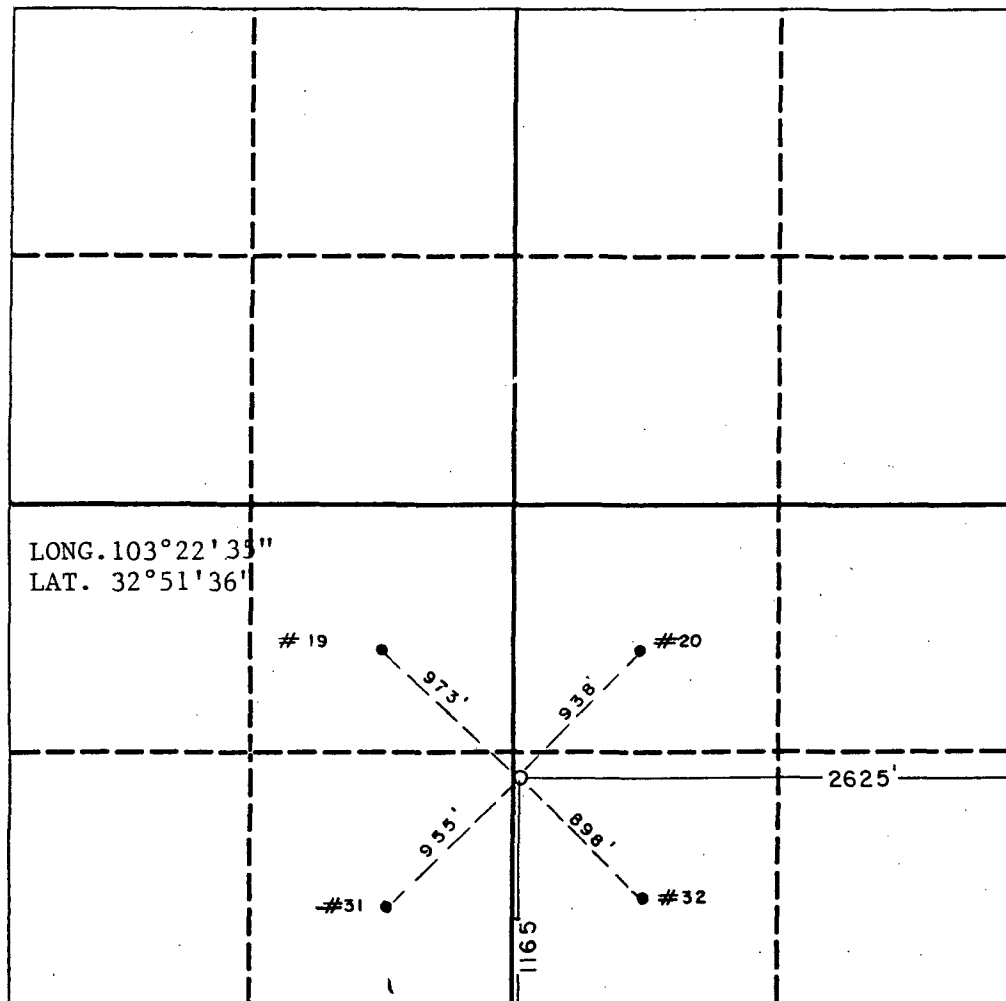
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

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*Michael J. Newport*  
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Michael J. Newport  
Printed Name

Land Manager-Permian Basin  
Position

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Company

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W.O. 91-11-0107 MEXICO  
RONALD J. EIDSON



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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)

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.

84

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 0 : 1165 Feet From The South Line and 2625 Feet From The East Line

Section 5 Township 17South 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.)

3898 GR

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

TYPE OR PRINT NAME

Michael J. Newport

713 589-8484

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

GREENHILL PETROLEUM CORPORATION  
BOP PROGRAM FOR WEST LOVINGTON UNIT NUMBER 84

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#	J-55, STC	*RR or RA	250/1500 psi
5 1/2"	5230'	15.5#	J-55, STC	N/A	

\*RR-Ram Ram  
RA-Ram Annular

sjs:s  
92.044

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-102  
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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 84
Unit Letter 0	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1165 feet from the SOUTH line and 2625 feet from the EAST line					
Ground level Elev. 3898.0	Producing Formation San Andres		Pool Lovington Upper San Andres		Dedicated Acreage: 20 Acres

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

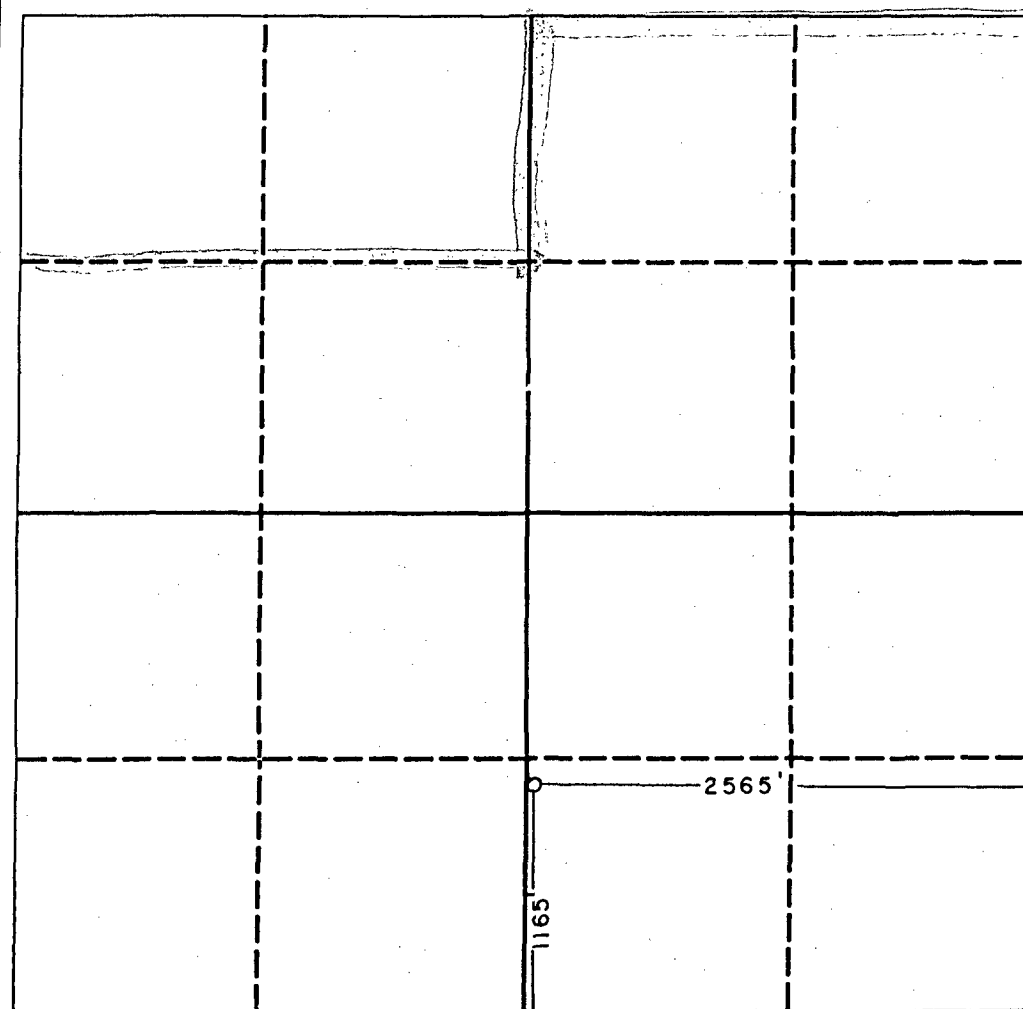
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 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  
Land Manager-Permian Basin

Company  
Greenhill Petroleum Corp.

Date  
11-11-91

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, 3239

W.O. 91-11-0107

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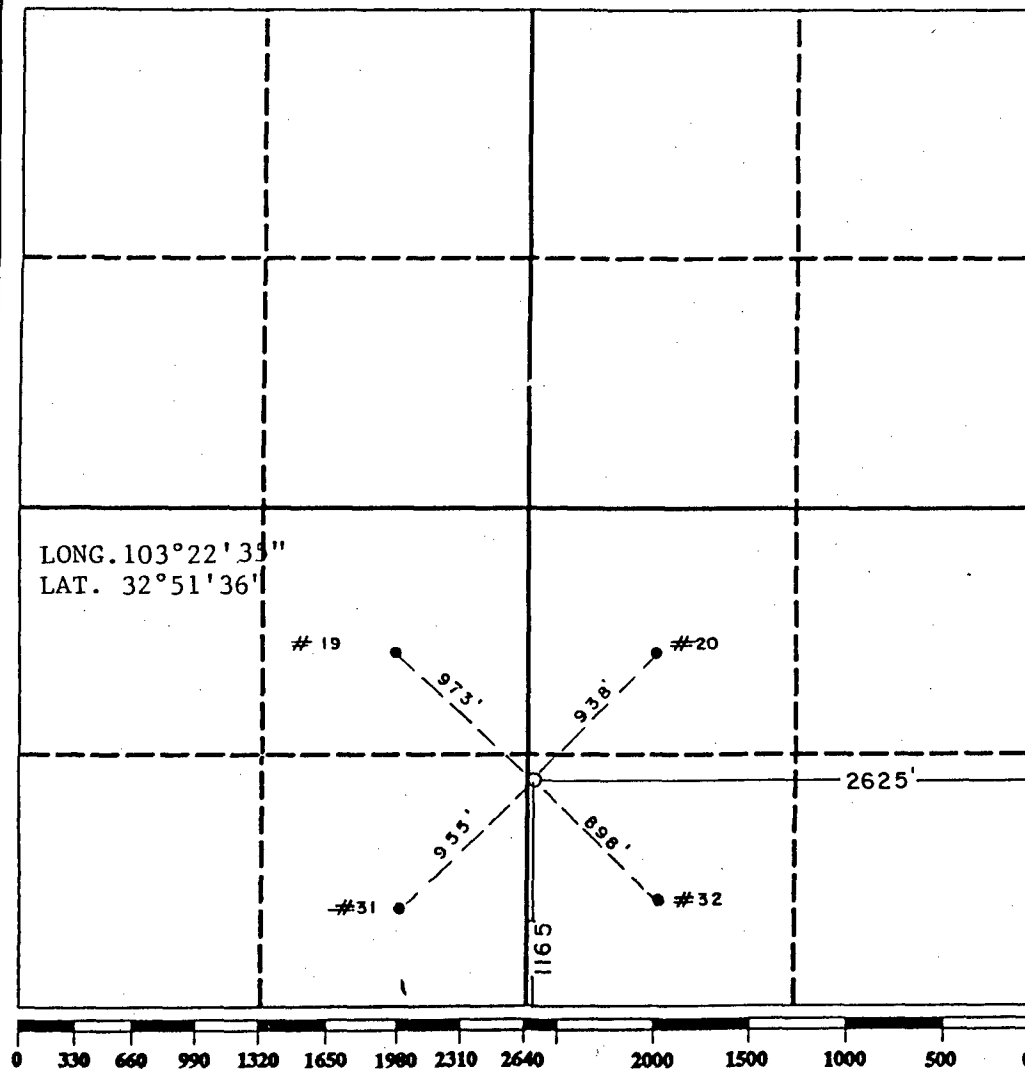
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 84
Unit Letter 0	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	NMPM
Actual Footage Location of Well: 1165 feet from the SOUTH line and 2625 feet from the EAST line					
Ground level Elev. 3898.0	Producing Formation San Andres		Pool Lovington Upper San Andres		Dedicated Acreage: 20 Acres

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*Michael J. Newport*  
Signature  
Michael J. Newport  
Printed Name  
Land Manager-Permian Basin  
Position  
Greenhill Petroleum Corp.  
Company  
11-11-91  
Date

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1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

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STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B 3009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

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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.

84

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 0 : 1165 Feet From The South Line and 2625 Feet From The East Line

Section 5

Township 17South

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.)

3898 GR

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

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SIGNATURE

*Michael J. Newport*

TITLE

Land Manager-Permian Basin

DATE 1-14-92

TYPE OR PRINT NAME

Michael J. Newport

713 589-8484

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

GREENHILL PETROLEUM CORPORATION  
BOP PROGRAM FOR WEST LOVINGTON UNIT NUMBER 84

Casing Program

BOP Program

<u>Size</u>	<u>Depth</u>	<u>Wt.</u>	<u>Grade</u>	<u>Configuration</u>	<u>Test Program</u>
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\*RR-Ram Ram  
RA-Ram Annular

sjs:s  
92.044

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Energy, Minerals and Natural Resources Department

Form C-102  
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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

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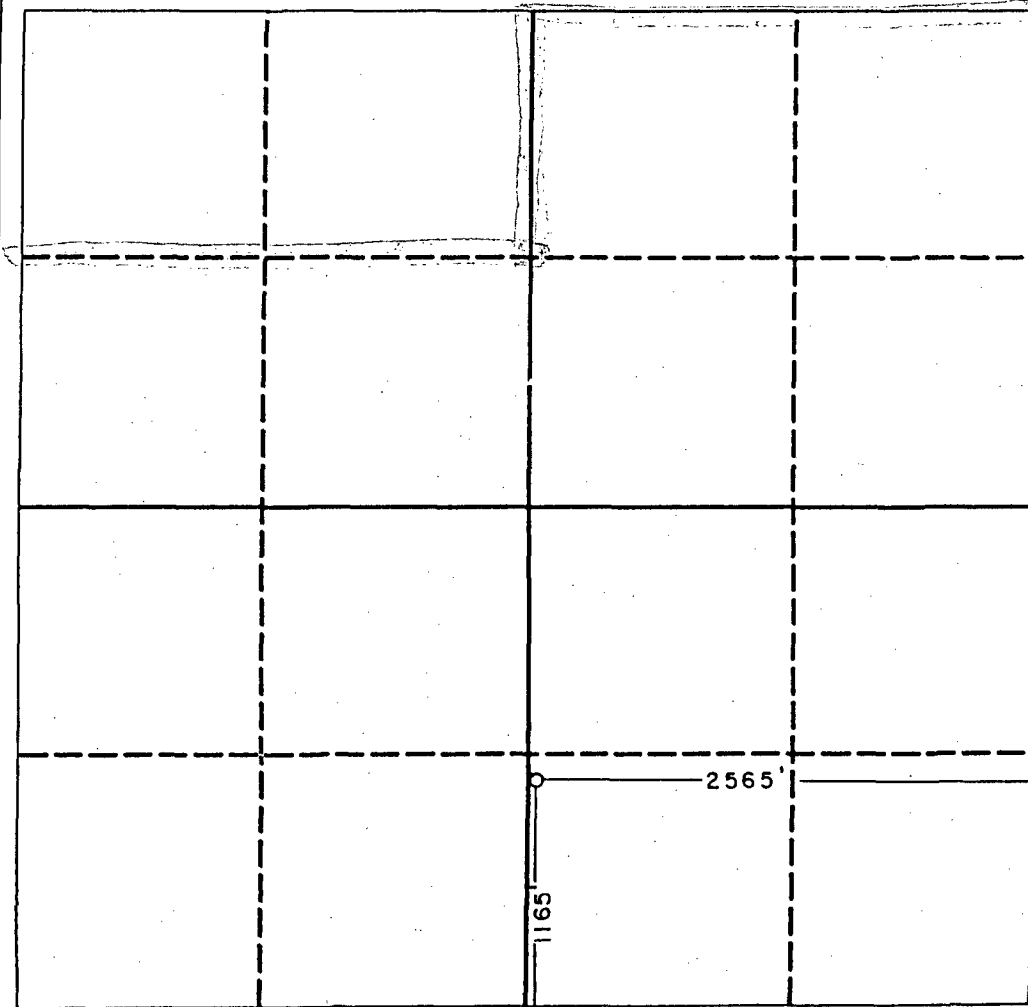
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 84
Unit Letter 0	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1165 feet from the SOUTH line and 2625 feet from the EAST line					
Ground level Elev. 3898.0	Producing Formation San Andres		Pool Lovington Upper San Andres	Dedicated Acreage: 20 Acres	

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Signature  
Michael J. Newport  
Printed Name  
Land Manager-Permian Basin  
Position  
Greenhill Petroleum Corp.  
Company  
11-11-91  
Date

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10-4-91  
Signature & Seal of  
Professional Surveyor

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

W.0 91-11-0107

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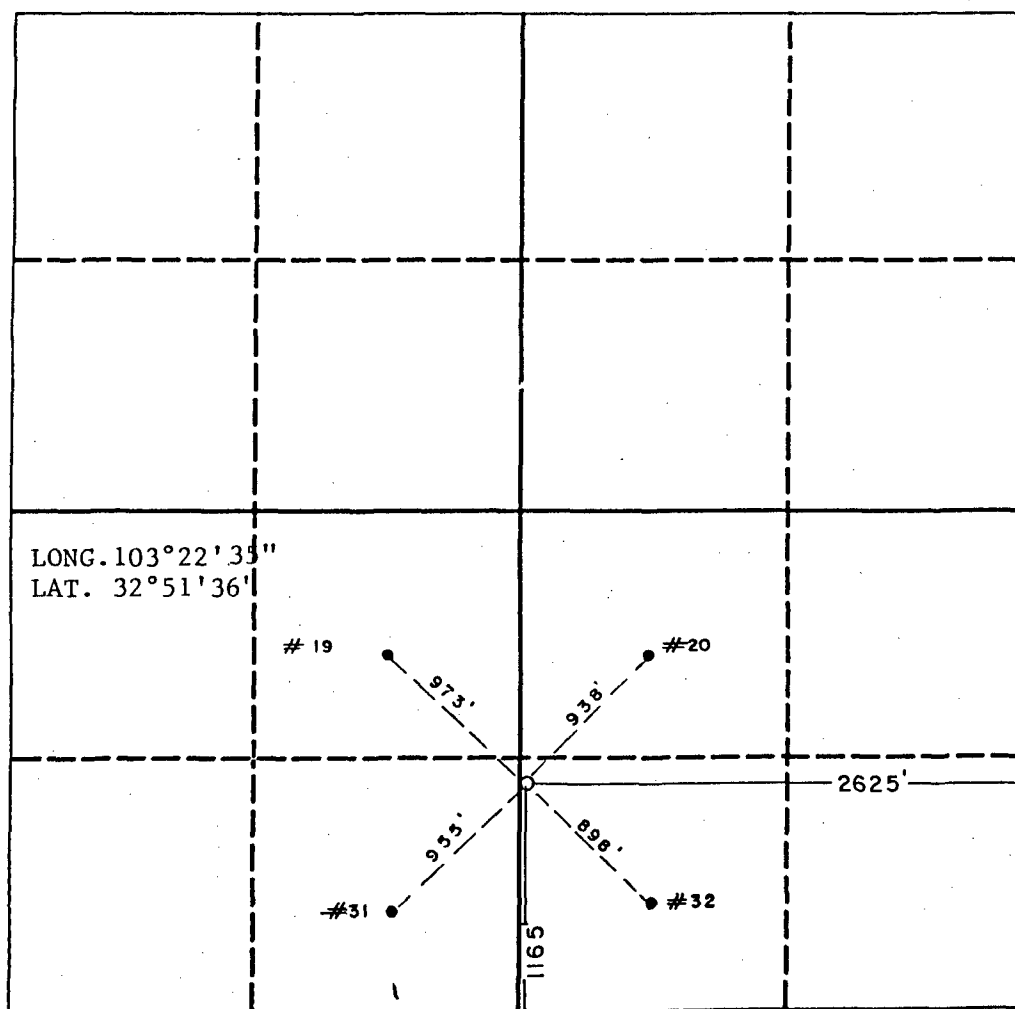
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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

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*Michael J. Newport*  
Signature

Michael J. Newport  
Printed Name

Land Manager-Permian Basin  
Position

Greenhill Petroleum Corp.  
Company

11-11-91  
Date

SURVEYOR CERTIFICATION

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10-4-91

Signature & Seal of  
Professional Surveyor

*Ronald J. Eidson*  
Certificate No. JOHN. N. WEST, 676  
RONALD J. EIDSON, 3239

W.O.91-11-0107



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State of New Mexico  
Energy, Minerals and Natural Resources Department

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DISTRICT III  
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API NO. (assigned by OCD on New Wells)

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.

84

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 0 : 1165 Feet From The South Line and 2625 Feet From The East Line

Section 5

Township 17South

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.)  
3898 GR

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

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SIGNATURE

*Michael J. Newport*

TITLE

Land Manager-Permian Basin

DATE 1-14-92

TYPE OR PRINT NAME

Michael J. Newport

713 589-8484  
TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

GREENHILL PETROLEUM CORPORATION  
BOP PROGRAM FOR WEST LOVINGTON UNIT NUMBER 84

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#	J-55, STC	*RR or RA	250/1500 psi
5 1/2"	5230'	15.5#	J-55, STC	N/A	

\*RR-Ram Ram  
RA-Ram Annular

sjs:s  
92.044



# GREENHILL PETROLEUM CORPORATION

Incorporated in Delaware, U.S.A.

OIL CONSERVATION DIVISION

RECEIVED

11490 WESTHEIMER ROAD, SUITE 200  
HOUSTON, TEXAS 77077-6841  
TELEPHONE (713) 589-8484  
FAX (713) 589-7892

'92 JAN 22 AM 8 40

January 16, 1992

Oil Conservation Division  
State of New Mexico  
Energy, Minerals and Natural Resources Department  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: Mr. Mike Stogner

Re: Unorthodox Location and Drilling Permit  
Proposed Well Number 98  
West Lovington Unit  
Lea County, New Mexico

Dear Mr. Stogner:

Greenhill Petroleum Corporation respectfully requests the State of New Mexico Oil Conservation Division grant approval of the proposed unorthodox location and the attached permit to drill Well Number 98 in the West Lovington Unit, located in Lea County, New Mexico.

The West Lovington Unit is presently developed and being water-flooded utilizing a 40-acre well density. It is believed that infill development using a 20-acre well density will improve water-flood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 98 is located in the interior of the unit and is not competitive with offset wells outside the unit. Information gathered as a result of drilling this infill well will be utilized in evaluating additional infill development potential in the unit and ultimately may be used to evaluate the feasibility of tertiary recovery.

Greenhill Petroleum Corporation wishes to commence drilling operations on the proposed well as soon as possible and would appreciate a response to this request at your earliest convenience.

Respectfully yours,

Michael J. Newport  
Land Manager-Permian Basin

MJN:sjs  
91.261

Enclosures

xc: Evelyn Downs  
Oil Conservation Division  
Hobbs, New Mexico

Submit to Appropriate  
District Office  
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Energy, Minerals and Natural Resources Department

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API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.  
B 4120

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.

98

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

: 100

Feet From The

North

Line and

1305

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.)

3900.4 GR

14. Kind & Status Plug. Bond

Blanket on file

15. Drilling Contractor

TBD

16. Approx. Date Work will start

3-1-92

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'	250 sacks	surface
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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.

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SIGNATURE

*Michael J. Newport*

TITLE

Land Manager-Permian Basin

DATE 1-16-92

TYPE OR PRINT NAME

Michael J. Newport

713 589-8484

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

**DISTRICT I**

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**DISTRICT III**

1000 Elc Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

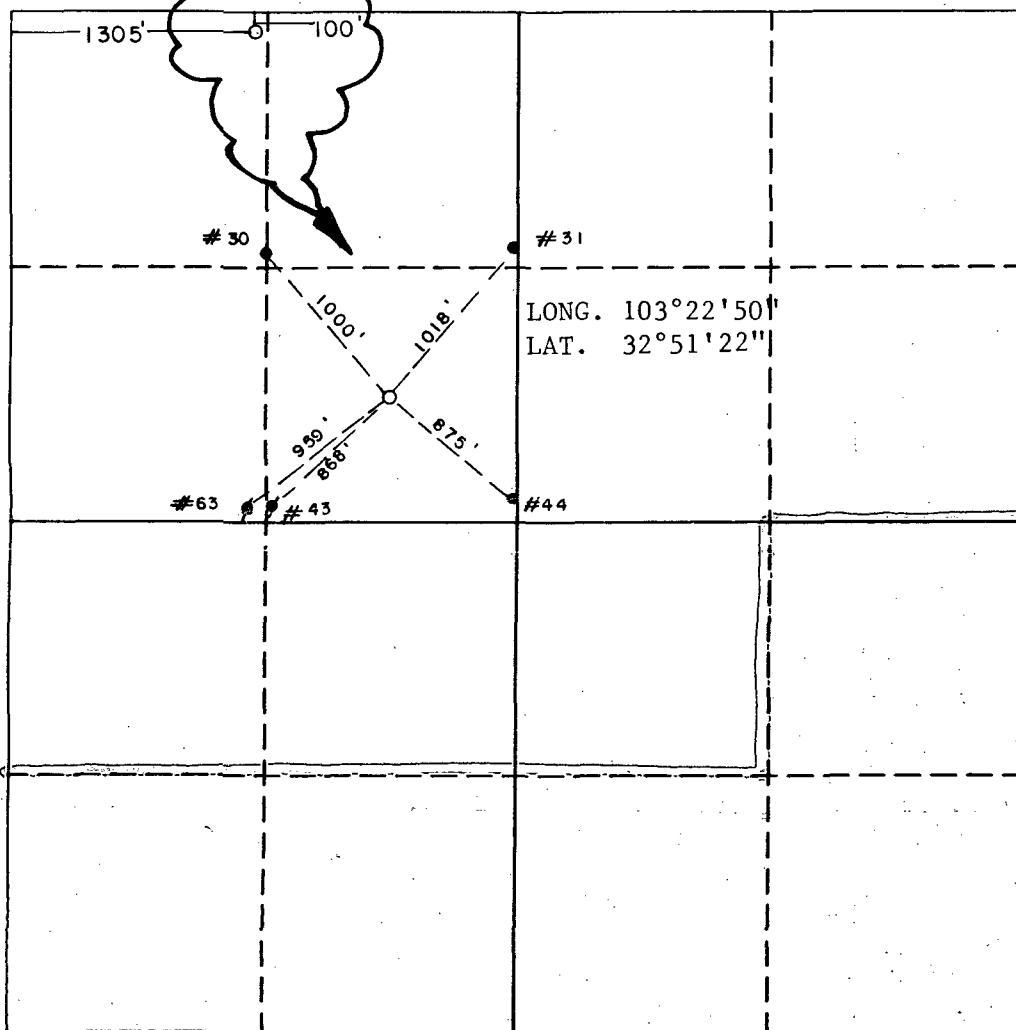
All Distances must be from the outer boundaries of the section

Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 98
Unit Letter D	Section 8	Township 17 SOUTH	Range 36 EAST	NMPM	County LEA
Actual Footage Location of Well: 100 feet from the NORTH line and 1305 feet from the WEST line					
Ground Level Elev. 3900.4	Producing Formation San Andres		Pool Lovington Upper San Andres		Dedicated Acreage: 20 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 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

Michael J. Newport

Position

Land Manager-Permian Basin

Company

Greenhill Petroleum Corp.

Date

1-16-92

**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

DEC.5, 1991

Signature & Seal of  
Professional Surveyor

*Ronald J. Edson*  
Certificate No. JOHN W. WEST 676  
RONALD J. EDSON 3239  
GARY L. JONES 7977  
W.O. 91-14794-1 EDSON

GREENHILL PETROLEUM CORPORATION  
BOP PROGRAM FOR WEST LOVINGTON UNIT NUMBER 98

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#	J-55, STC	*RR or RA	250/1500 psi
5 1/2"	5230'	15.5#	J-55, STC	N/A	

\*RR-Ram Ram  
RA-Ram Annular

sjs:s  
92.044



# GREENHILL PETROLEUM CORPORATION

11490 WESTHEIMER ROAD, SUITE 200  
HOUSTON, TEXAS 77077-6841  
TELEPHONE (713) 589-8484  
FAX. (713) 589-7892

Incorporated in Delaware, U.S.A.

January 20, 1992

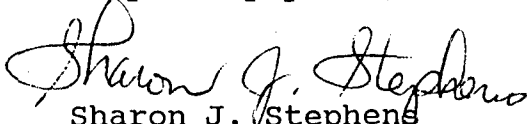
Oil Conservation Division  
Attention: Ms. Evelyn Downs  
P. O. Box 1980  
Hobbs, New Mexico 88240

Re: West Lovington Unit  
Well Number 98  
Lea County, New Mexico

Dear Ms. Downs:

Enclosed find a copy of Mike Newport's letter to Mike Stogner along with six copies of Form C-101 and the BOP Program, and four copies of Form C-102 on the above referenced well.

Very truly yours,

  
Sharon J. Stephens  
Land Secretary

sjs:s  
92.058

Enclosures



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

OIL CONSERVATION DIVISION  
RECEIVED

1-23-92

'92 JAN 27 AM 10 40

BRUCE KING  
GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL X \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Greenhill Petroleum Corp. West Lovington Unit #98-D 8-17-36  
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Jerry Sexton  
Supervisor, District 1

/ed