



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

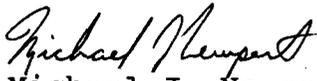
Dear Mr. Stogner:

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
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

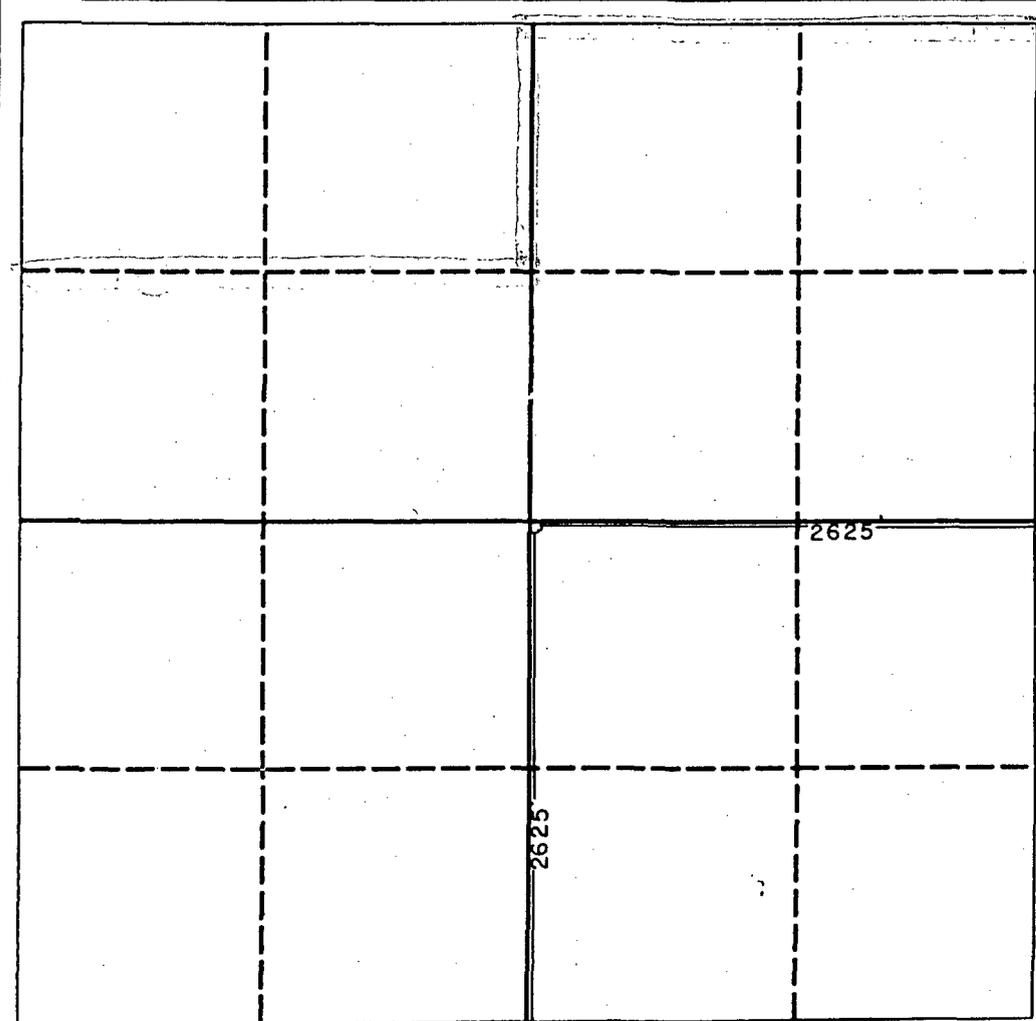
WELL LOCATION AND ACREAGE DEDICATION PLAT
 All Distances must be from the outer boundaries of the section

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

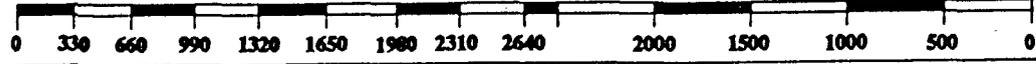
Michael J. Newport
 Signature
 Michael J. Newport
 Printed Name
 Land Manager-Permian Basin
 Position
 Greenhill Petroleum Corp.
 Company
 11-11-91
 Date

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

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



125830

91-11-0106

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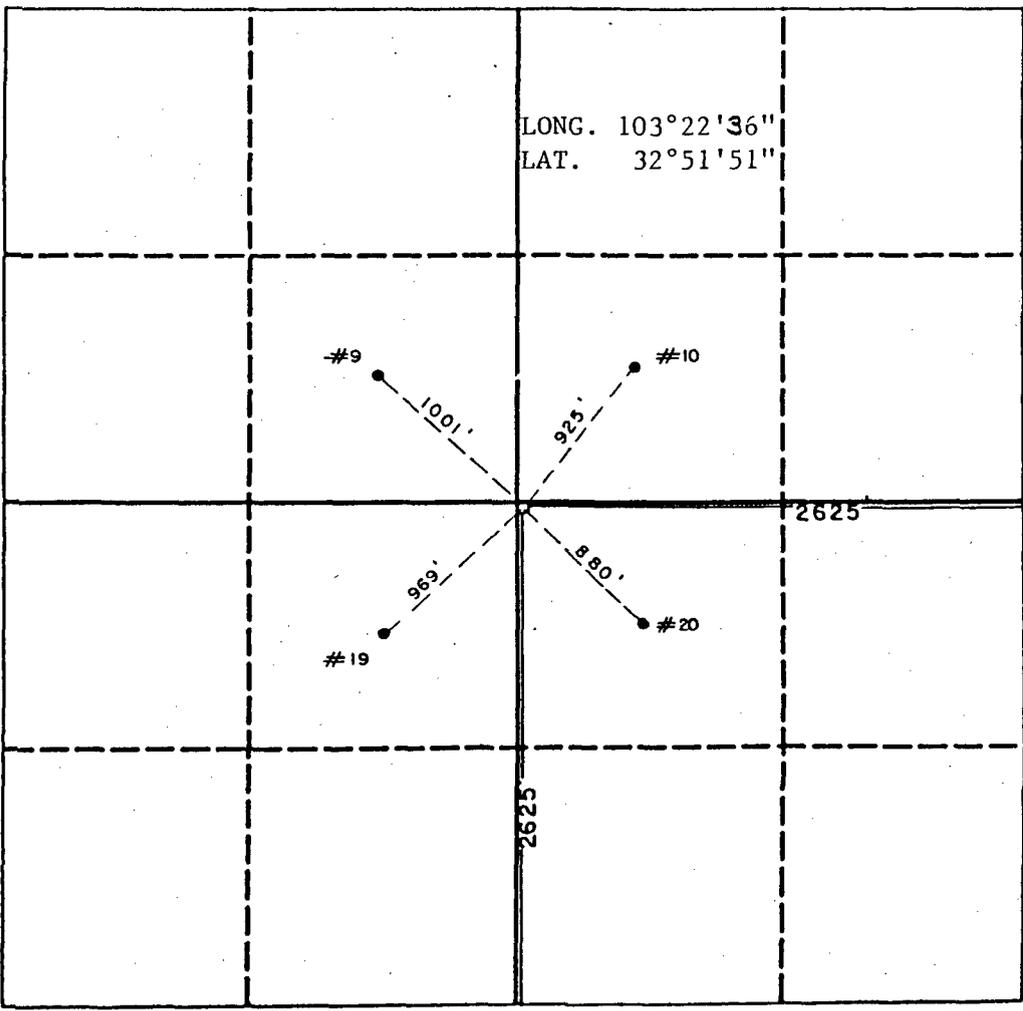
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Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 83
Unit Letter J	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	

Actual Footage Location of Well:
 2625 feet from the SOUTH line and 2625 feet from the EAST line

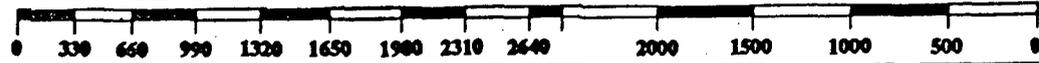
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OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
 Signature: *Michael J. Newport*
 Printed Name: Michael J. Newport
 Position: Land Manager-Permian Basin
 Company: Greenhill Petroleum Corp.
 Date: 11-11-91

SURVEYOR CERTIFICATION
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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

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Energy, Minerals and Natural Resources Department

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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.
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
TELEPHONE NO.
TYPE OR PRINT NAME Michael J. Newport

(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
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*RR-Ram Ram
RA-Ram Annular

sjs:s
92.043

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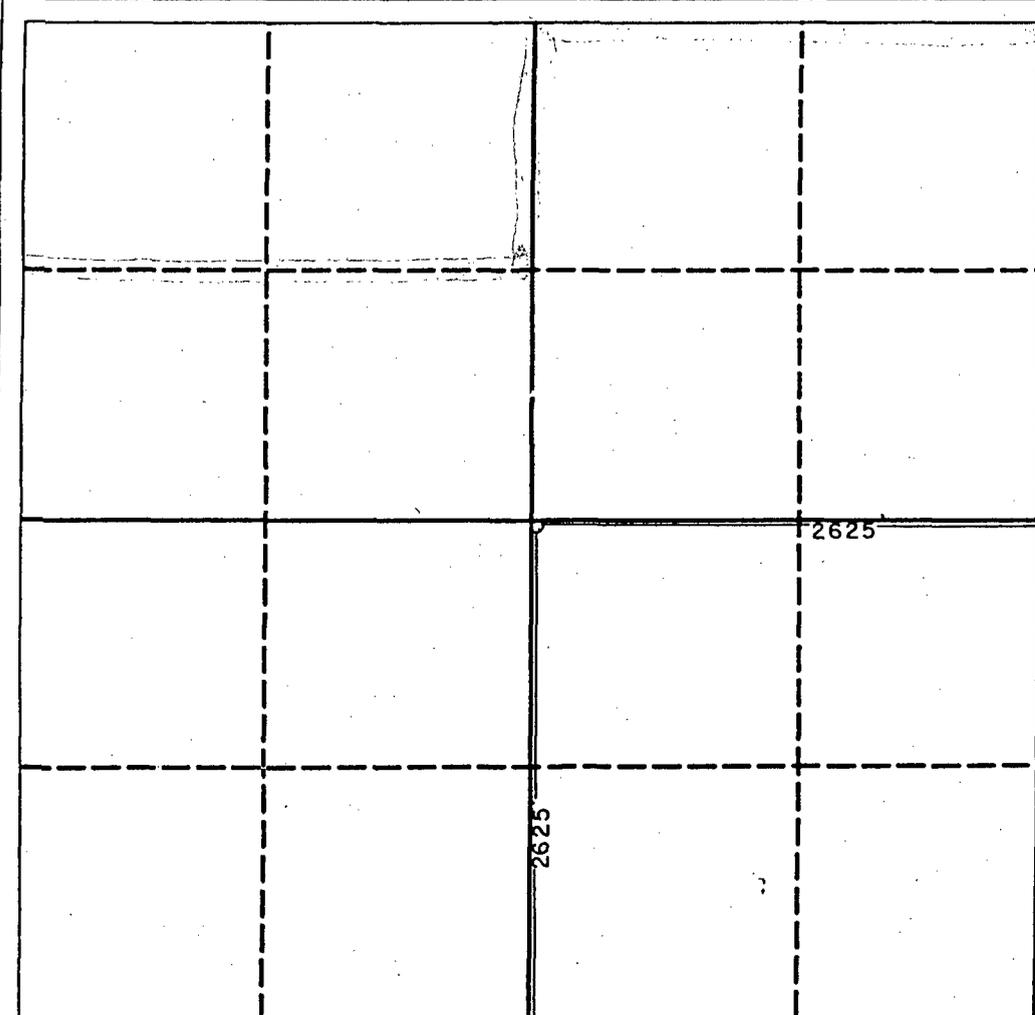
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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

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Michael 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 W. WEST 676
 RONALD J. EIDSON, 3239
 REGISTERED LAND SURVEYOR
 91-11-0106



125830

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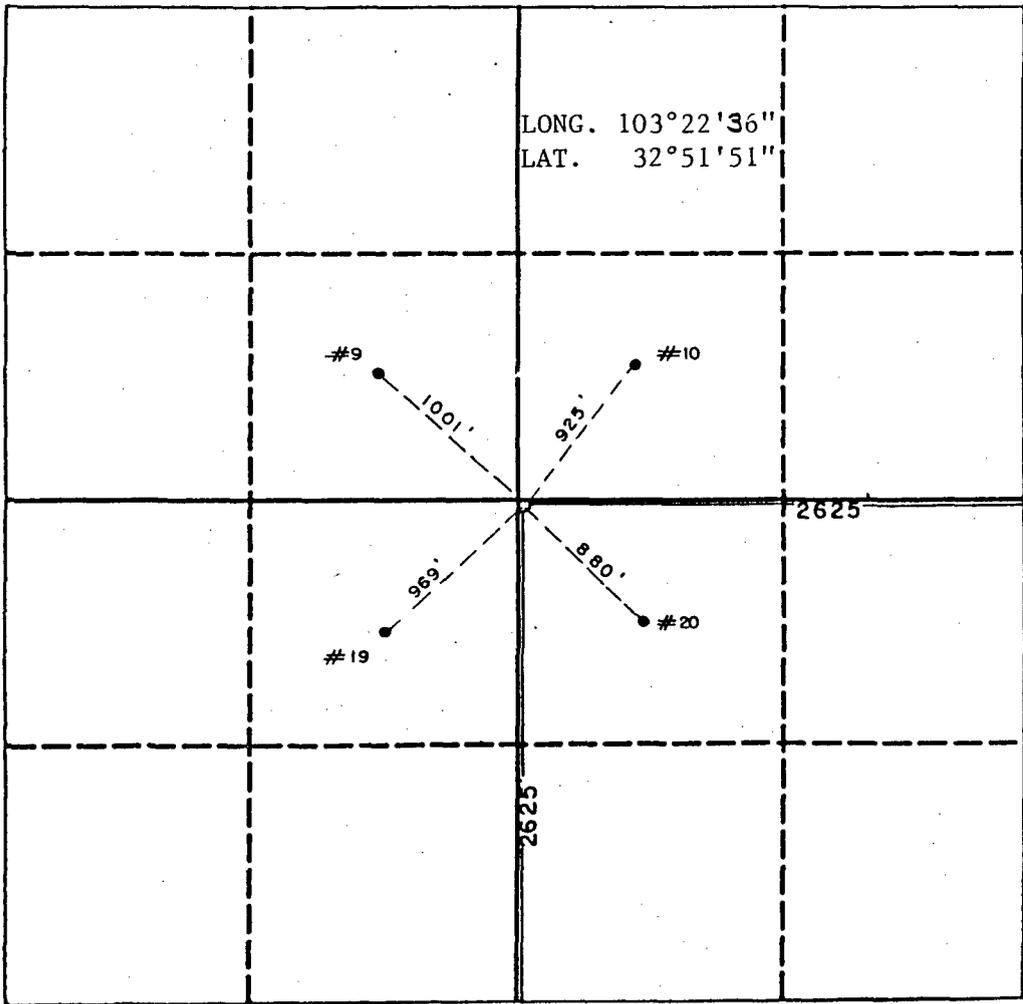
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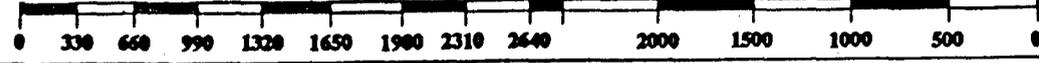
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91-11-0106

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API NO. (assigned by OCD on New Wells)

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 STATE FEE

6. State Oil & Gas Lease No.
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SIGNATURE Michael J. Newport TITLE Land Manager-Permian Basin DATE 1-14-92

TYPE OR PRINT NAME Michael J. Newport TELEPHONE NO. 713 589-8484

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

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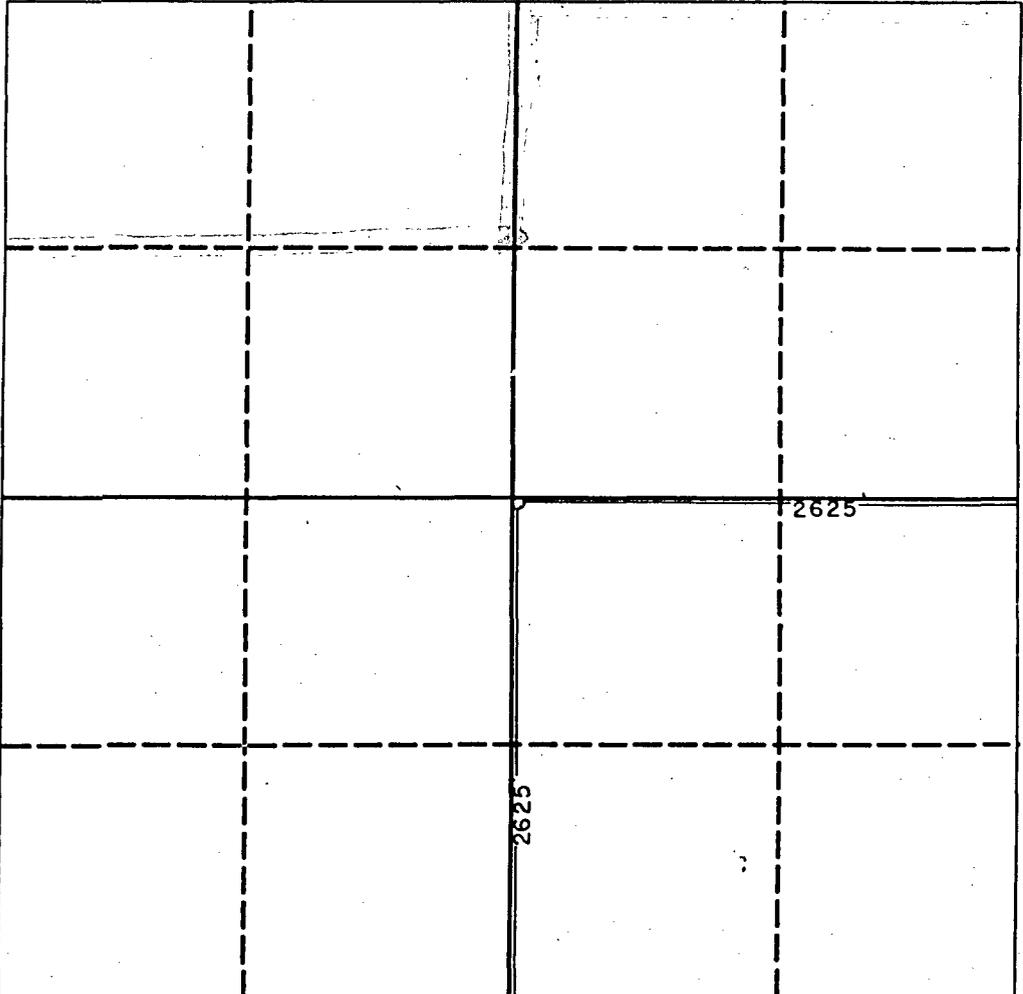
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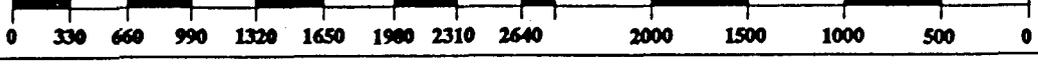
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RONALD J. EIDSON, 3239

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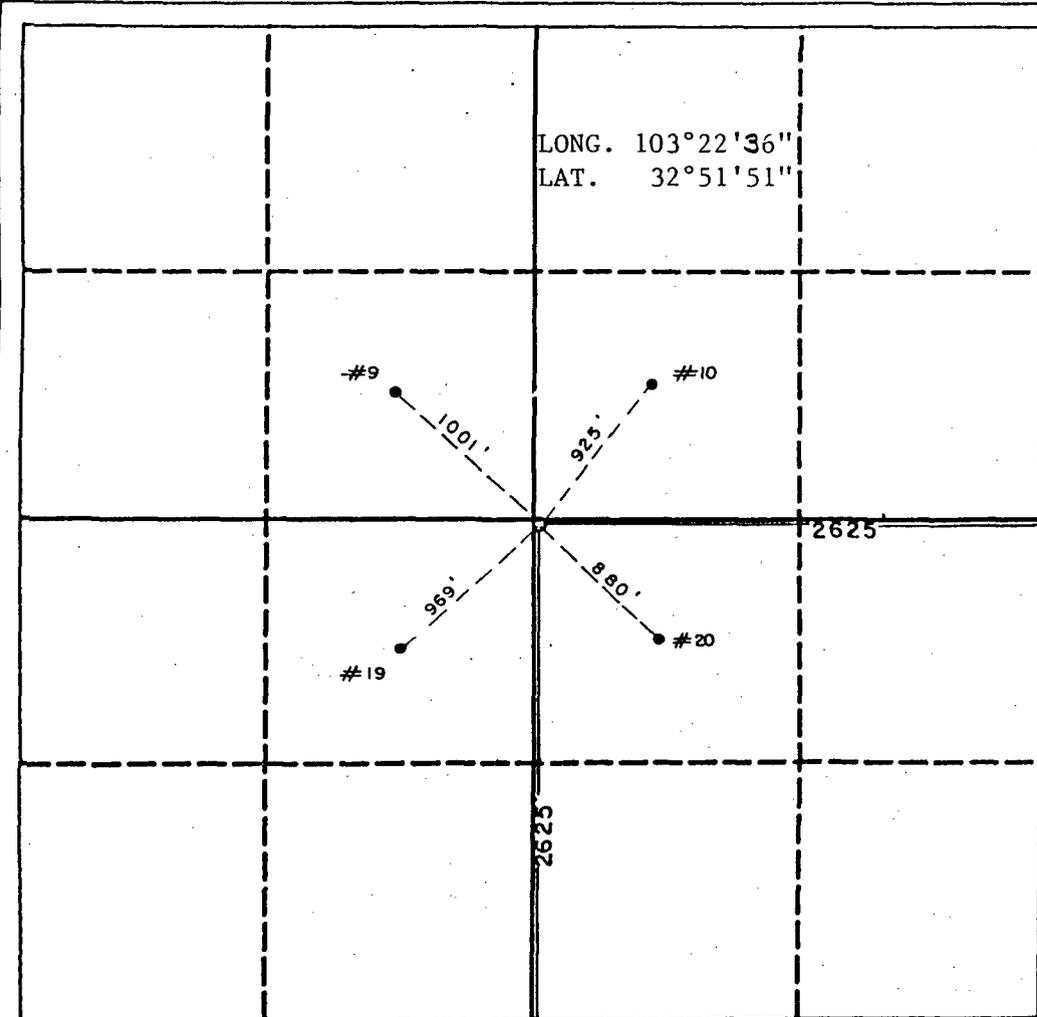
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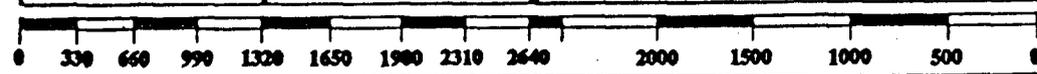


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Signature: *Michael J. Newport*
Printed Name: **Michael J. Newport**
Position: **Land Manager-Permian Basin**
Company: **Greenhill Petroleum Corp.**
Date: **11-11-91**

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5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Lease Name or Unit Agreement Name West Lovington Unit		
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3. Address of Operator 11490 Westheimer, Suite 200, Houston, TX. 77077			10. Proposed Depth 5230'		
4. Well Location Unit Letter <u>J</u> : <u>2625</u> Feet From The <u>South</u> Line and <u>2625</u> Feet From The <u>East</u> Line			11. Formation San Andres		
Section <u>5</u> Township <u>17 South</u> Range <u>36 East</u> NMPM Lea County		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
 TYPE OR PRINT NAME Michael J. Newport TELEPHONE NO. 713 589-8484

(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

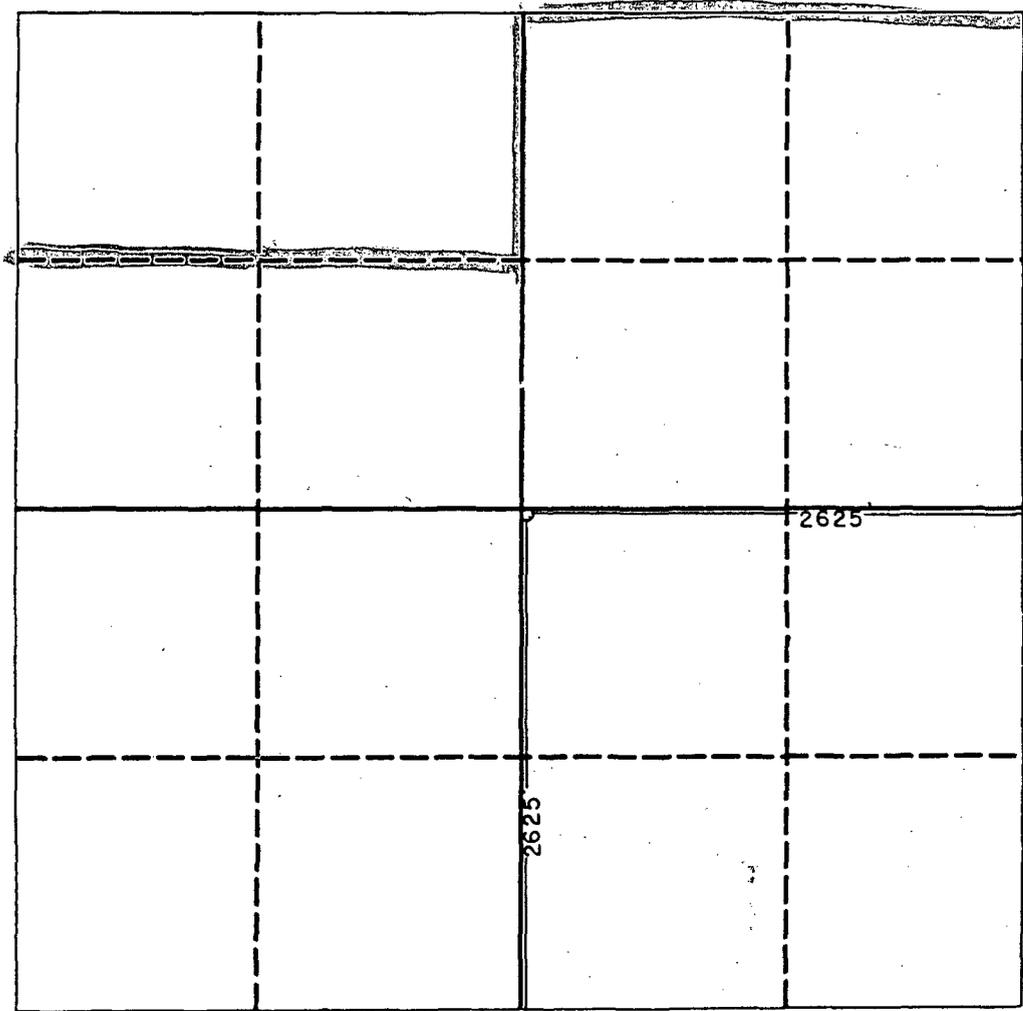
Operator GREENHILL PETROLEUM CORP.		Lease WEST LOVINGTON UNIT		Well No. 83
Unit Letter J	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA
Actual Footage Location of Well: 2625 feet from the SOUTH line and 2625 feet from the EAST line				
Ground level Elev. 3895.4	Producing Formation San Andres	Pool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

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.

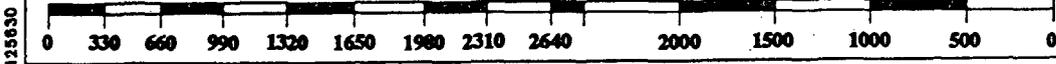
Date Surveyed
 10-4-91

Signature & Seal of Professional Surveyor

Ronald J. Eidson

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

REGISTERED LAND SURVEYOR
 NEW MEXICO
 1991-11-0106



125630

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

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1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

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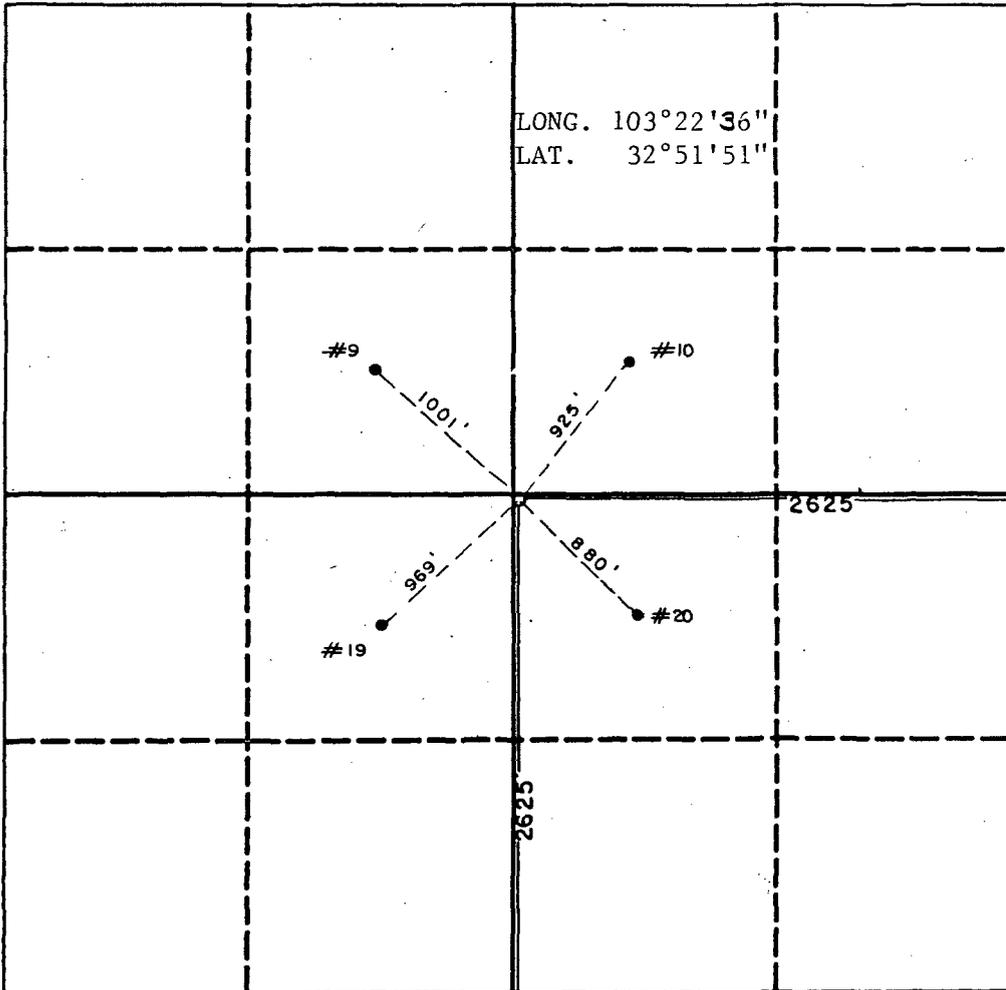
Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 83
Unit Letter J	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	NMPM
Actual Footage Location of Well: 2625 feet from the SOUTH line and 2625 feet from the EAST line					
Ground level Elev. 3895.4	Producing Formation San Andres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

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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.

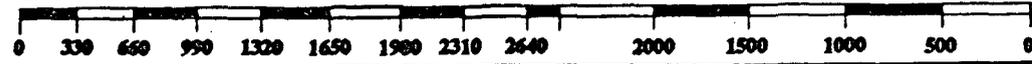
Michael Newport
Signature
Michael J. Newport
Printed Name
Land Manager-Permian Basin
Position
Greenhill Petroleum Corp.
Company
11-11-91
Date

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

128630



91-11-0106

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)	
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B 3009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	7. Lease Name or Unit Agreement Name West Lovington Unit				
b. Type of Well: OR WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				
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 <u>J</u> : <u>2625</u> Feet From The <u>South</u> Line and <u>2625</u> Feet From The <u>East</u> Line Section <u>5</u> Township <u>17 South</u> Range <u>36 East</u> 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

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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 TELEPHONE NO. 713 589-8484

(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
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

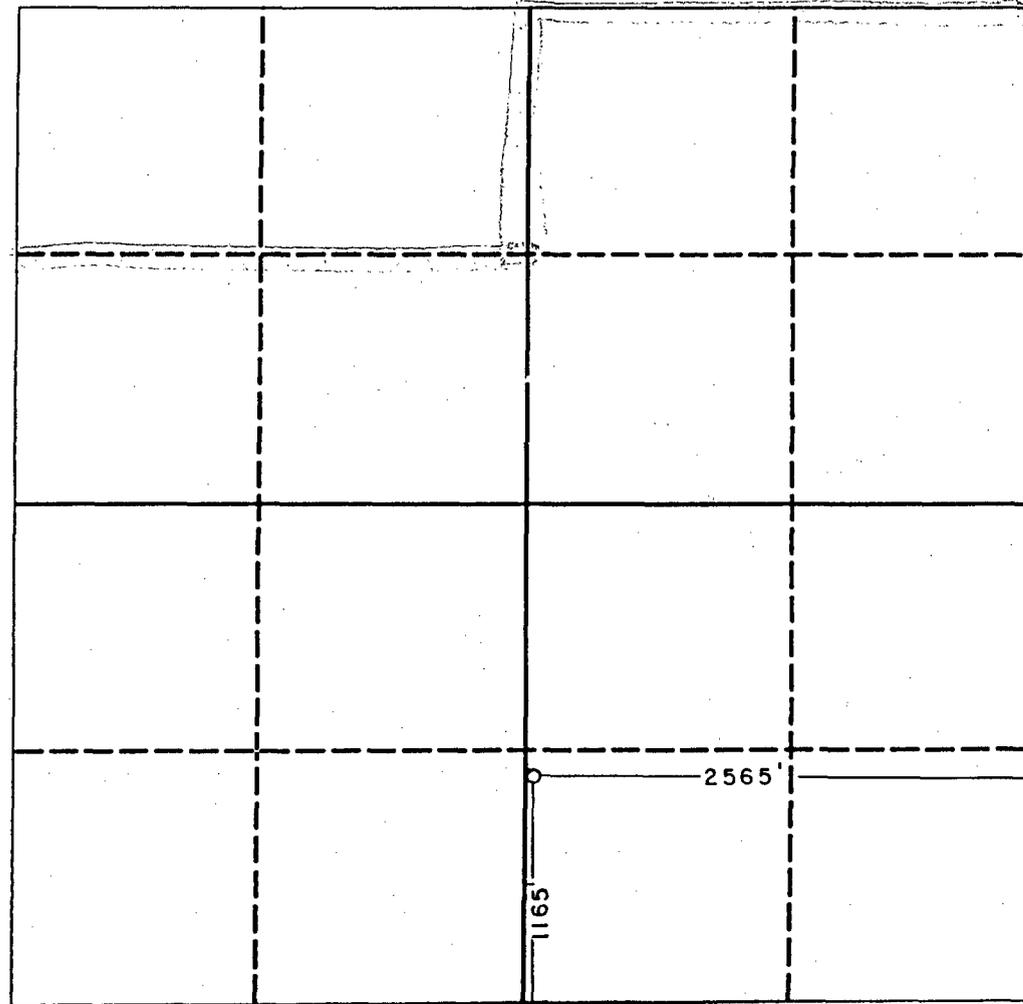
Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 84
Unit Letter 0	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1165 feet from the SOUTH line and 2625 feet from the EAST line					
Ground level Elev. 3898.0	Producing Formation San Andres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

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

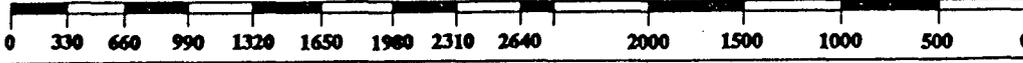
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 10-4-91

Signature & Seal of Professional Surveyor
Ronald J. Eidson

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

W.0 91-11-0107



125830

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

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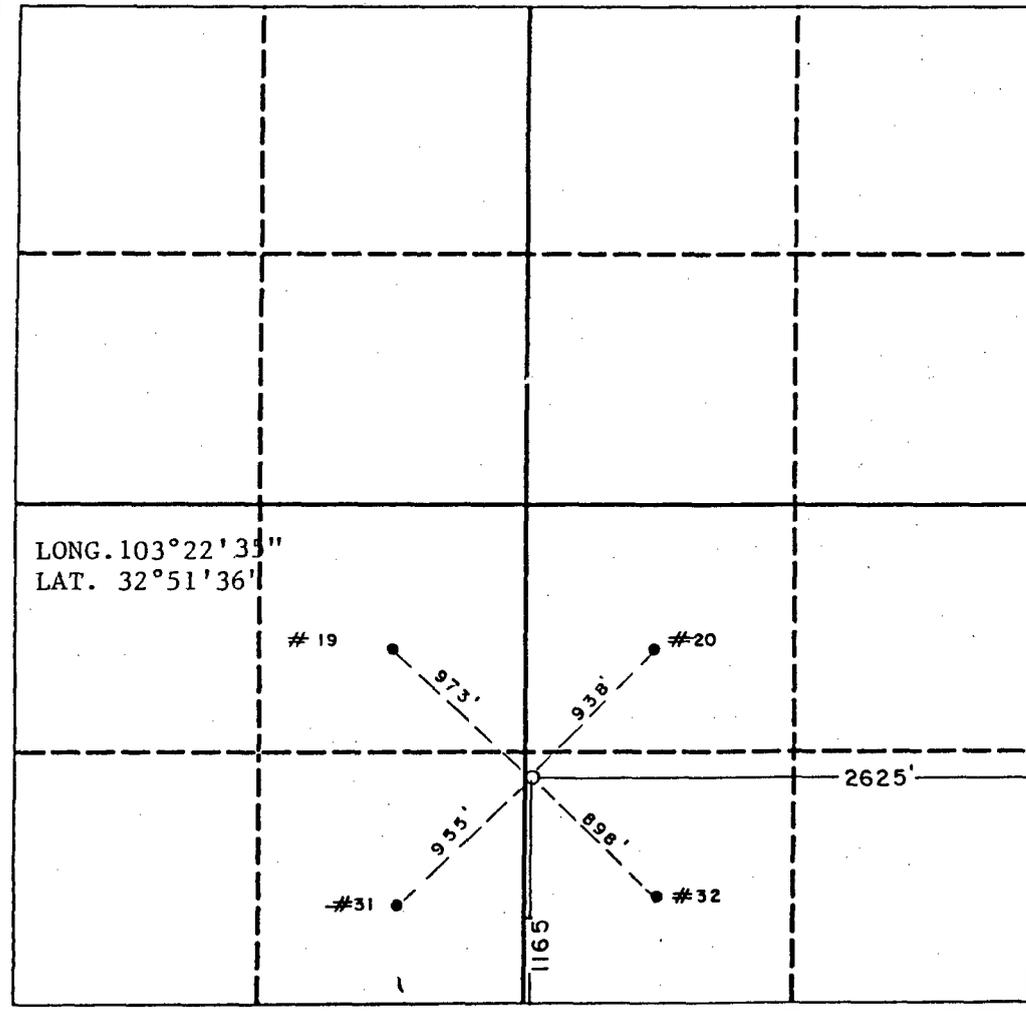
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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	
Actual Footage Location of Well: 1165 feet from the SOUTH line and 2625 feet from the EAST line					
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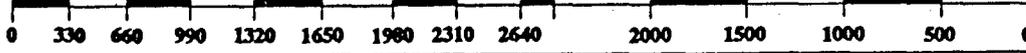


OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

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



125630

W.O. 91-11-0107

Submit to Appropriate District Office
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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:
 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
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SIGNATURE Michael J. Newport TITLE Land Manager-Permian Basin DATE 1-14-92
 TYPE OR PRINT NAME Michael J. Newport TELEPHONE NO. 713 589-8484

(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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State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

OIL CONSERVATION DIVISION

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 Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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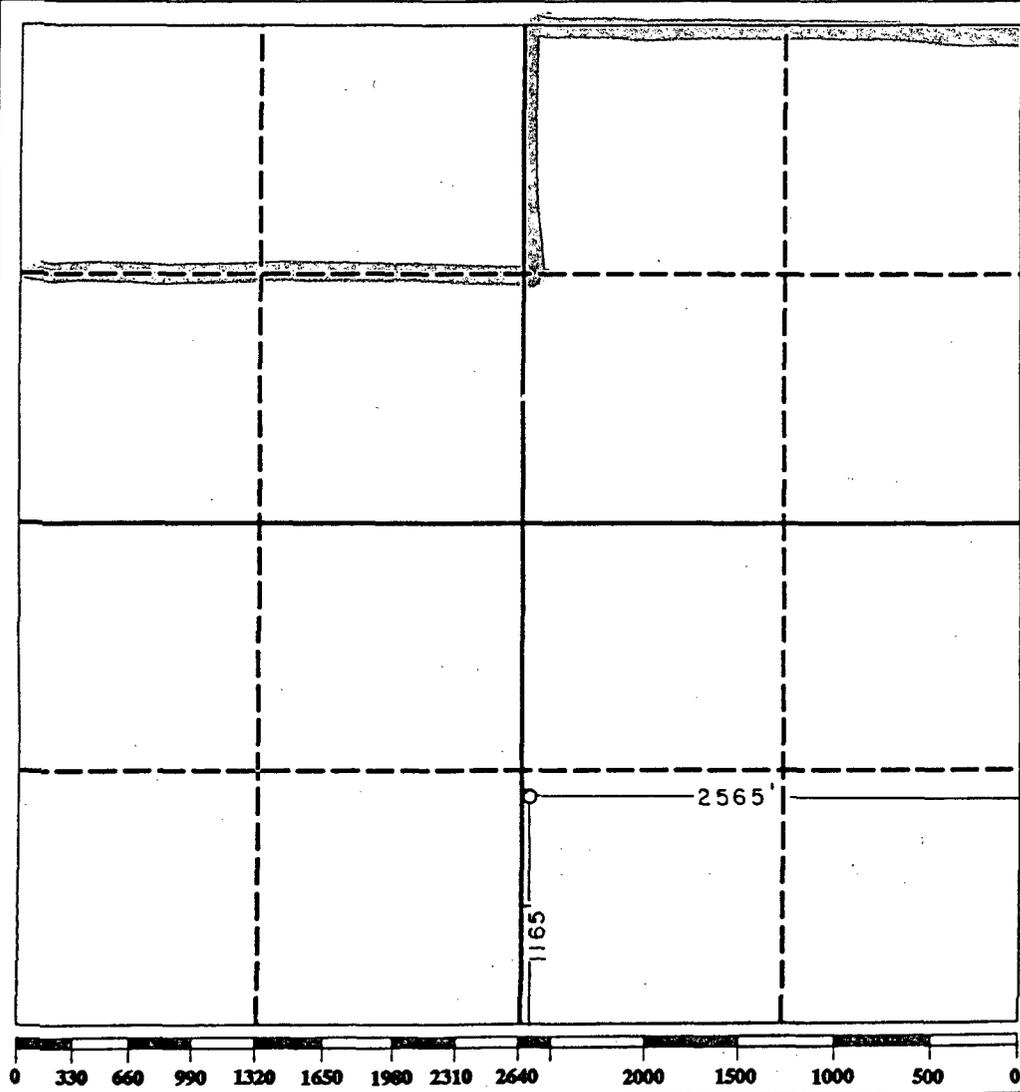
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OPERATOR CERTIFICATION

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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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Date Surveyed 10-4-91

Signature & Seal of Professional Surveyor
Ronald J. Eidson
 Certificate No. JOHN W. WEST 676
 RONALD J. EIDSON 3239
 0-91-M-0-107

125630

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State of New Mexico
 Energy, Minerals and Natural Resources Department

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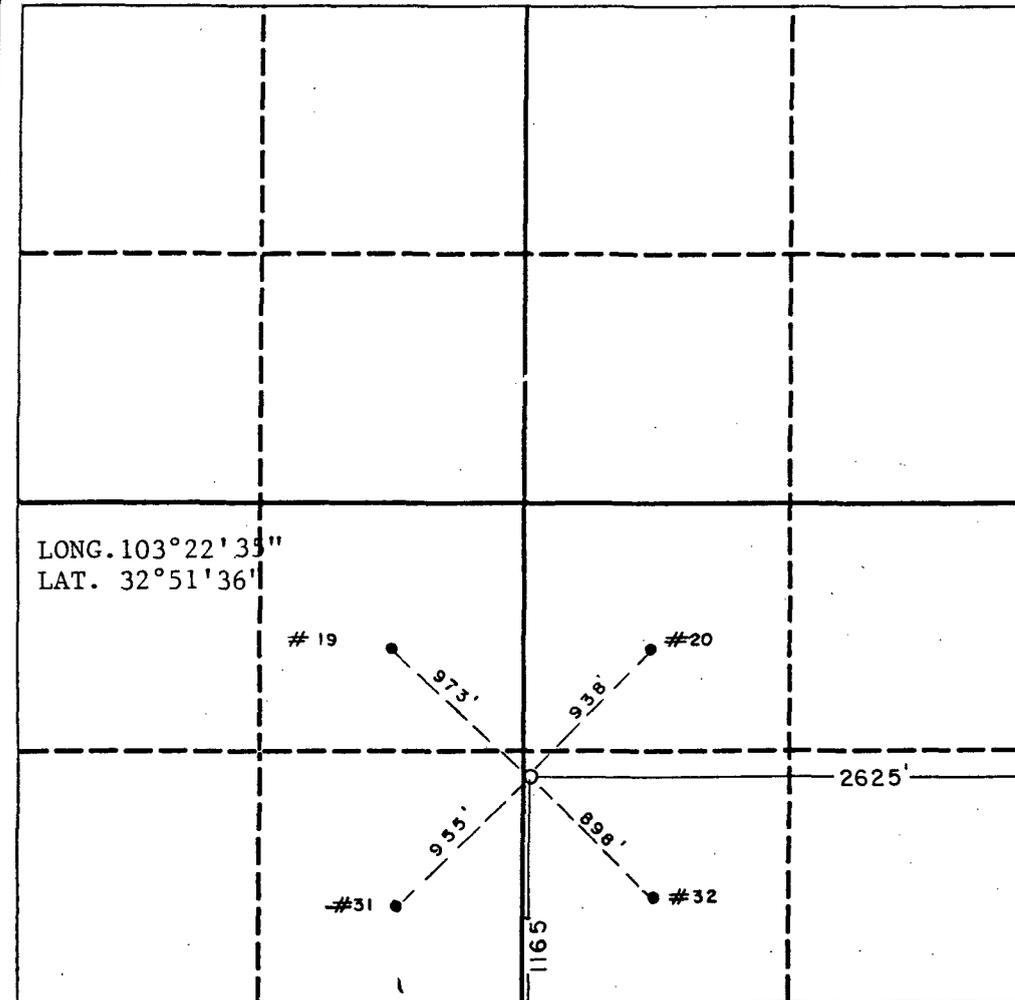
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Unit Letter 0	Section 5	Township 17 SOUTH	Range 36 EAST		County LEA			NMPM
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Michael Newport
 Signature

Michael J. Newport
 Printed Name

Land Manager-Permian Basin
 Position

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 Company

11-11-91
 Date

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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 MEXICO
 RONALD J. EIDSON

125630

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 3 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 <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Lease Name or Unit Agreement Name West Lovington Unit		
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			8. Well No. 84		
2. Name of Operator GREENHILL PETROLEUM CORPORATION			9. Pool name or Wildcat West Lovington Upper San Andres		
3. Address of Operator 11490 Westheimer, Suite 200, Houston, TX. 77077					
4. Well Location Unit Letter <u>0</u> : <u>1165</u> Feet From The <u>South</u> Line and <u>2625</u> Feet From The <u>East</u> Line Section <u>5</u> Township <u>17South</u> Range <u>36 East</u> 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 TELEPHONE NO. 713 589-8484

(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

<u>Casing Program</u>				<u>BOP Program</u>		
<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
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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

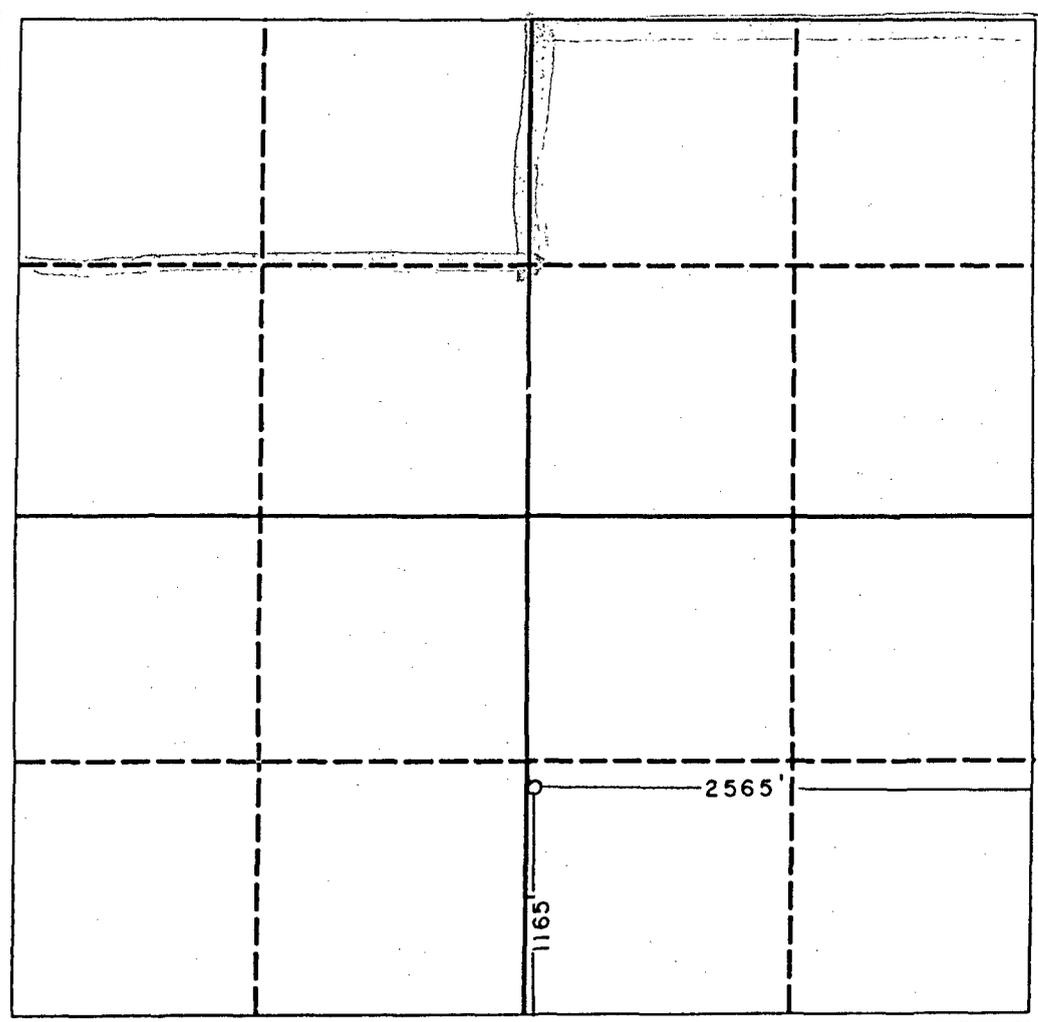
Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 84
Unit Letter 0	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1165 feet from the SOUTH line and 2625 feet from the EAST line					
Ground level Elev. 3898.0	Producing Formation San Andres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

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

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

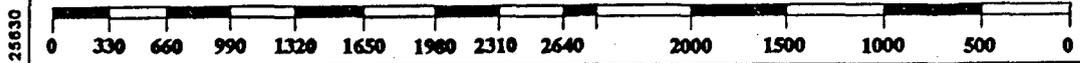
SURVEYOR CERTIFICATION

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

W.O. 91-11-0107



125830

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

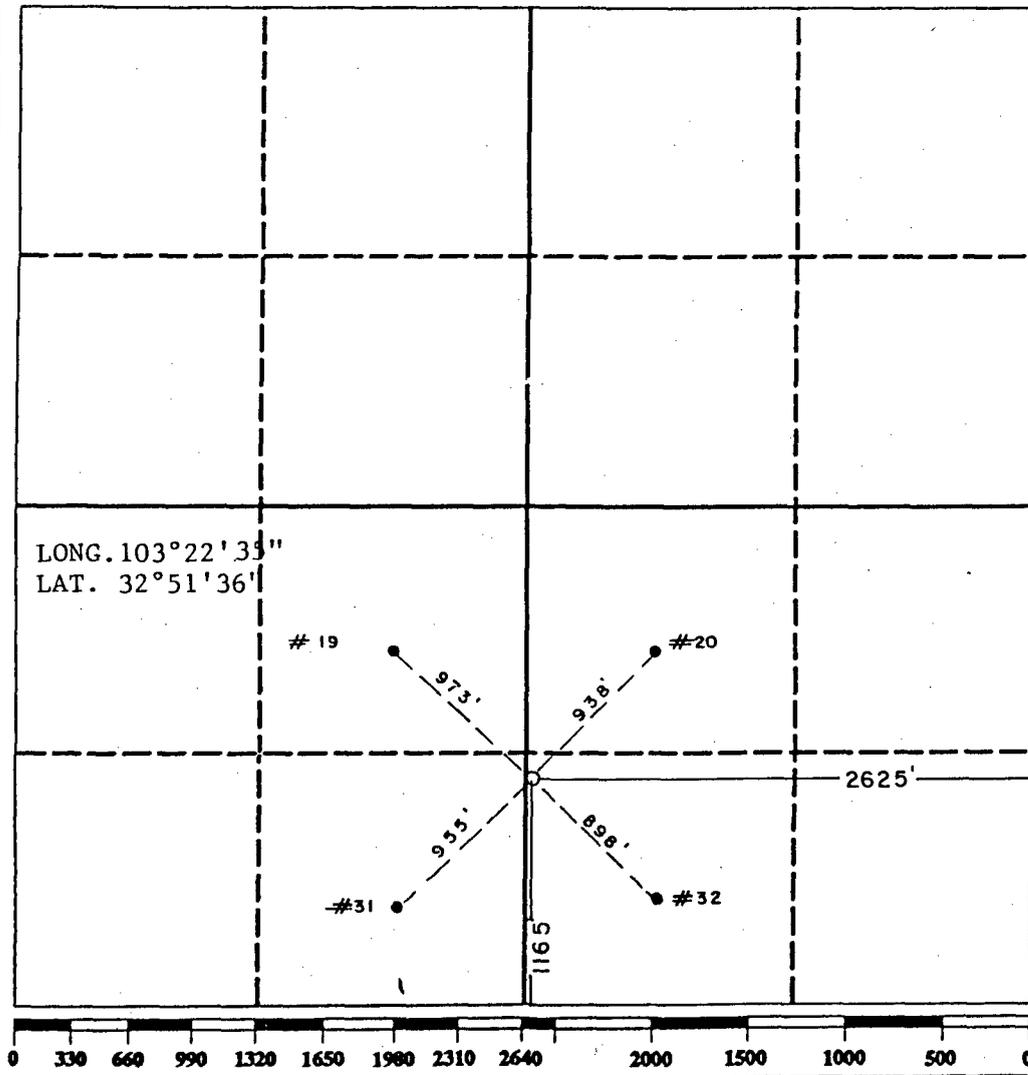
Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT		Well No. 84
Unit Letter 0	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1165 feet from the SOUTH line and 2625 feet from the EAST line					
Ground level Elev. 3898.0	Producing Formation San Andres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

- 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).
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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.

Michael 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

W.O. 91-11-0107

125630

Submit to Appropriate District Office
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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:
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
GREENHILL PETROLEUM CORPORATION

3. Address of Operator
11490 Westheimer, Suite 200, Houston, TX. 77077

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

7. Lease Name or Unit Agreement Name
West Lovington Unit

8. Well No.
84

9. Pool name or Wildcat
West Lovington Upper San Andres

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.

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SIGNATURE Michael J. Newport TITLE Land Manager-Permian Basin DATE 1-14-92
TYPE OR PRINT NAME Michael J. Newport TELEPHONE NO. 713 589-8484

(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
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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
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 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

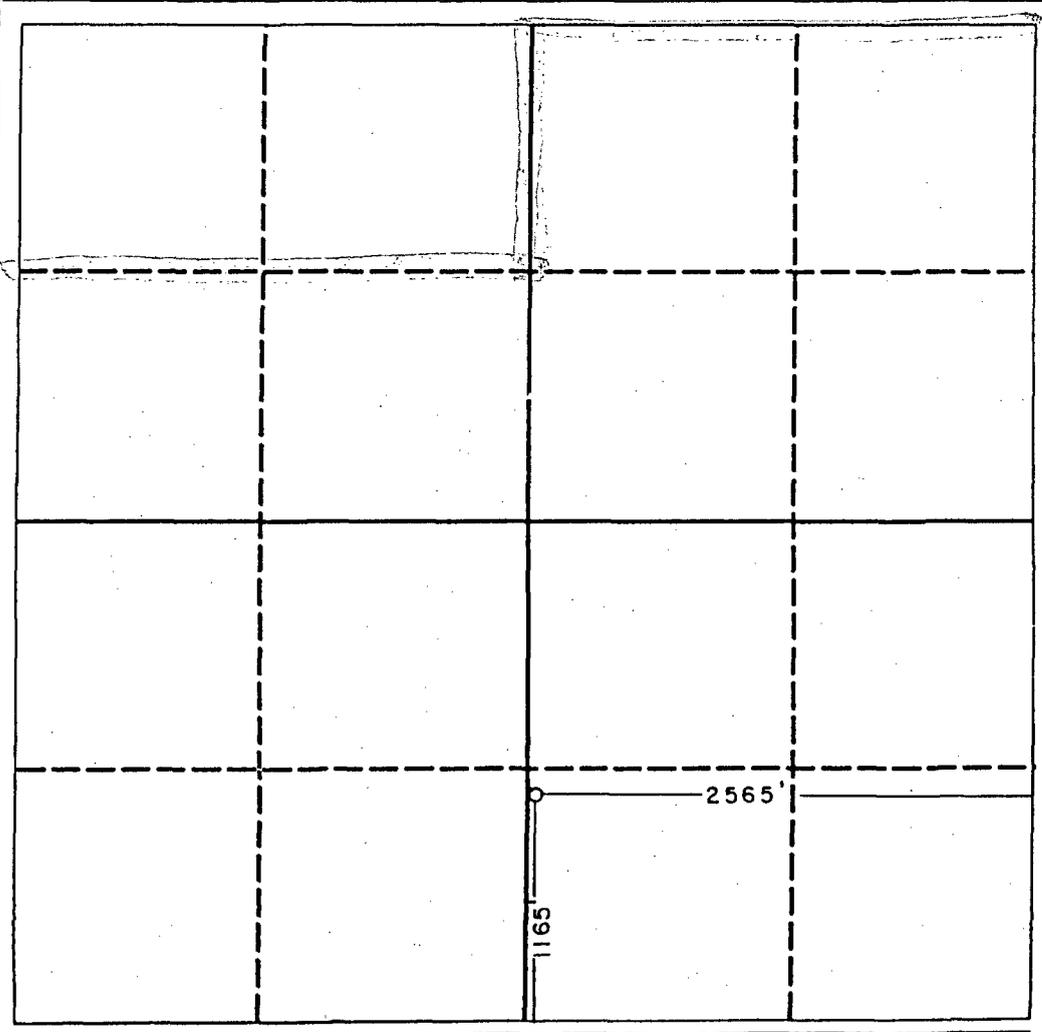
Operator GREENHILL PETROLEUM CORP.			Lease WEST LOVINGTON UNIT			Well No. 84		
Unit Letter 0	Section 5	Township 17 SOUTH	Range 36 EAST	County LEA		NMPM		
Actual Footage Location of Well: 1165 feet from the SOUTH line and 2625 feet from the EAST line								
Ground level Elev. 3898.0	Producing Formation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

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

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

SURVEYOR CERTIFICATION

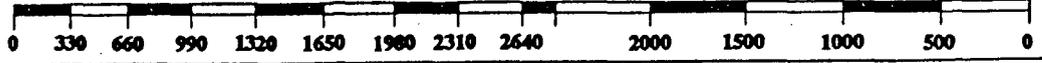
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Date Surveyed 10-4-91

Ronald J. Eidson
 Signature & Seal of Professional Surveyor

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

W.0 91-11-0107



125830

Submit to Appropriate
District Office
State Lease - 4 copies
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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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Santa Fe, New Mexico 87504-2088

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

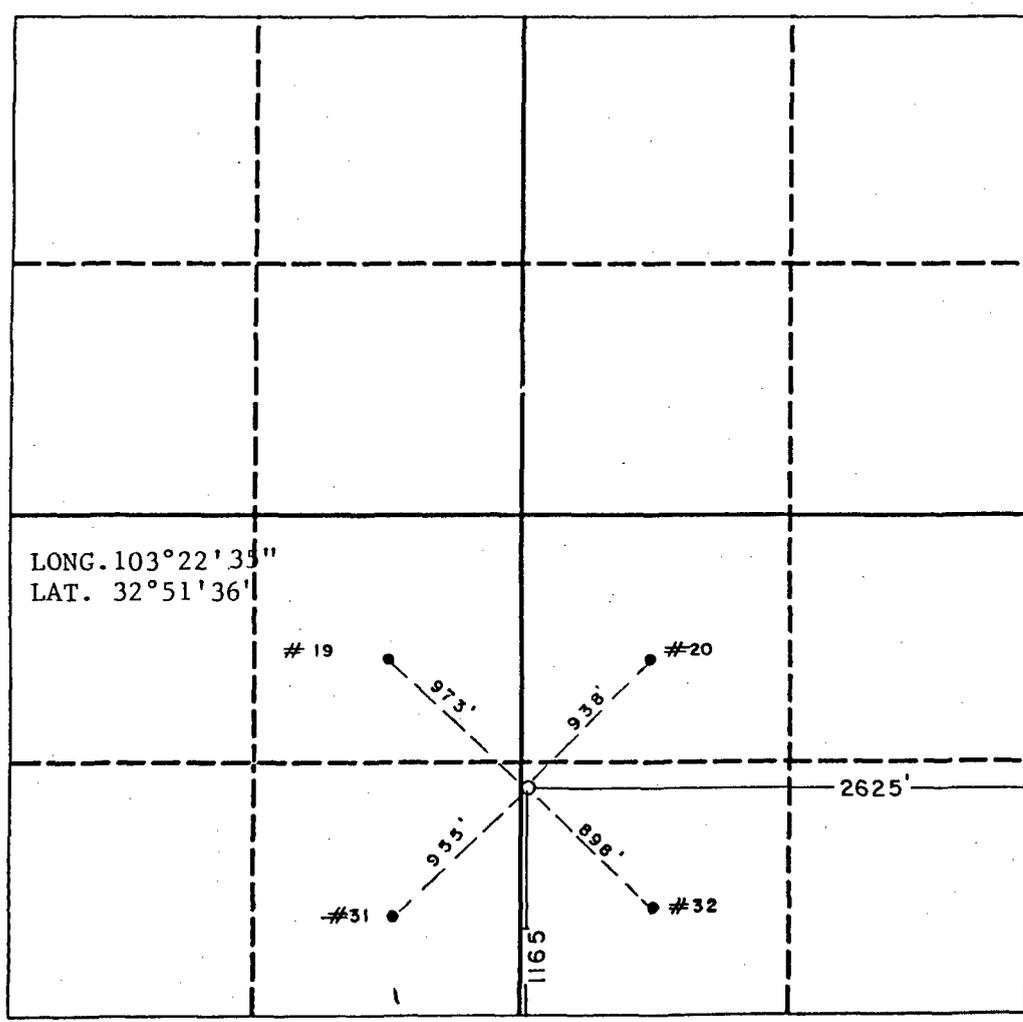
All Distances must be from the outer boundaries of the section

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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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. N. WEST, 676
RONALD J. EIDSON, 3239
W.O. 91-11-0107

125630



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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 <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Lease Name or Unit Agreement Name West Lovington Unit		
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. Well No. 84		
2. Name of Operator GREENHILL PETROLEUM CORPORATION			9. Pool name or Wildcat West Lovington Upper San Andres		
3. Address of Operator 11490 Westheimer, Suite 200, Houston, TX. 77077					
4. Well Location Unit Letter <u>0</u> : <u>1165</u> Feet From The <u>South</u> Line and <u>2625</u> Feet From The <u>East</u> Line Section <u>5</u> Township <u>17South</u> Range <u>36 East</u> 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 TELEPHONE NO. 713 589-8484

(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

OIL CONSERVATION DIVISION
RECEIVED

1190 WESTHEIMER ROAD, SUITE 200
HOUSTON, TEXAS 77077-6841
TELEPHONE (713) 589-8484
FAX (713) 589-7892

'92 JAN 22 AM 8 40

Incorporated in Delaware, U.S.A.

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
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

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Revised 1-1-89

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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 <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B 4120

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Lease Name or Unit Agreement Name West Lovington Unit		
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. Well No. 98		
2. Name of Operator GREENHILL PETROLEUM CORPORATION			9. Pool name or Wildcat West Lovington Upper San Andre		
3. Address of Operator 11490 Westheimer, Suite 200, Houston, TX. 77077			4. Well Location Unit Letter <u>D</u> : <u>100</u> Feet From The <u>North</u> Line and <u>1305</u> Feet From The <u>West</u> Line Section <u>8</u> Township <u>17 South</u> Range <u>36 East</u> 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 TRD	
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
7 7/8"	5 1/2"	15.5#	5230'	1300 sacks	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 Newport TITLE Land Manager-Permian Basin DATE 1-16-92
713 589-8484
TELEPHONE NO.

TYPE OR PRINT NAME Michael J. Newport

(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

P.O. Box 1960, 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

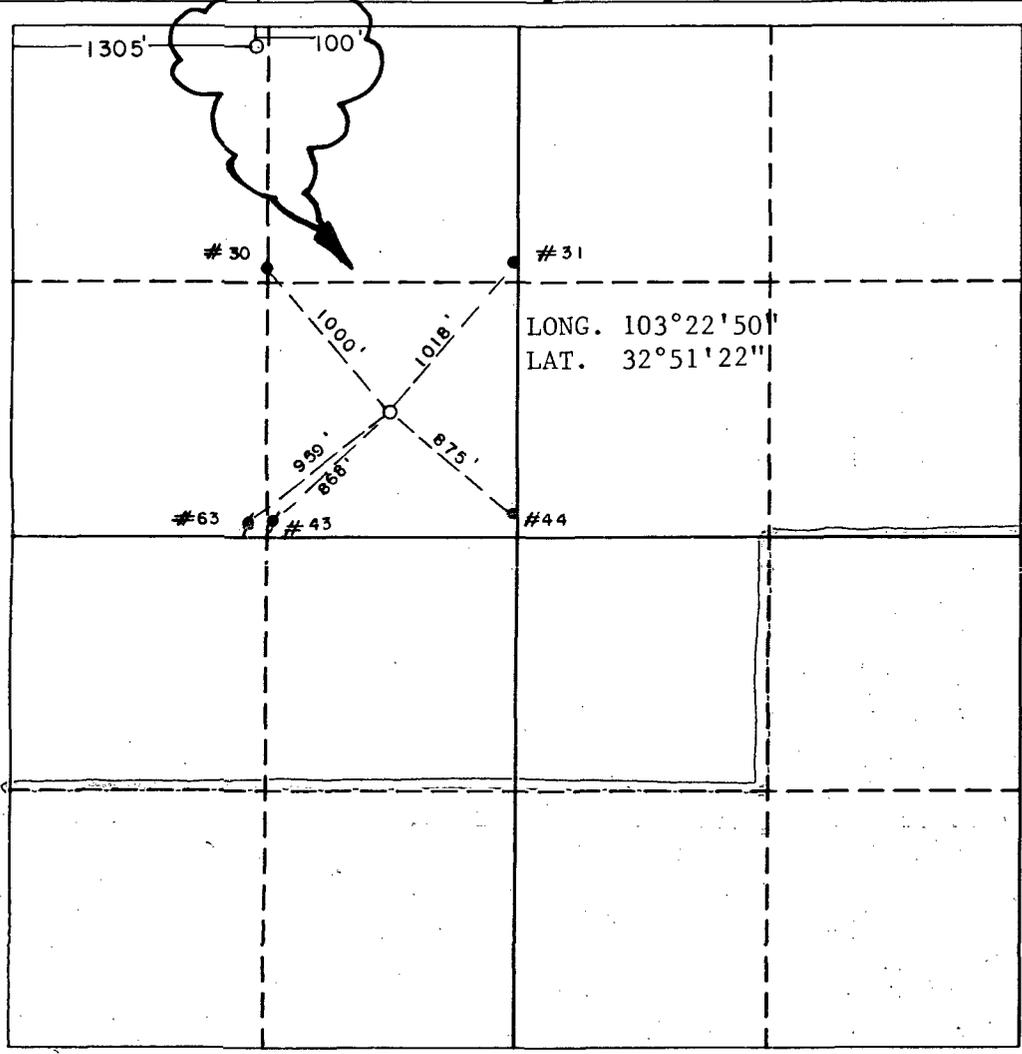
All Distances must be from the outer boundaries of the section

Operator GREENHILL PETROLEUM CORP.		Lease WEST LOVINGTON UNIT		Well No. 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

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

REGISTERED LAND SURVEYOR

Certificate No. JOHN W. WEST, 676
 RONALD J. EDSON, 2339
 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

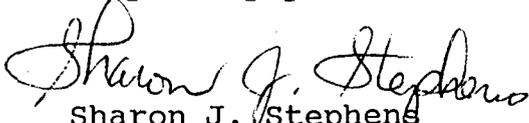
Oil Conservation Division
Attention: Ms. Evelyn Downs
P. O. Box 1980
Hobbs, New Mexico 88240

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
HOBBBS DISTRICT OFFICE

OIL CONSERVATION DIVISION
RECEIVED

1-23-92

'92 JAN 27 AM 10 40

BRUCE KING
GOVERNOR

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

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

RE: Proposed:

- MC _____
- DHC _____
- NSL _____
- 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