



GREENHILL PETROLEUM CORPORATION

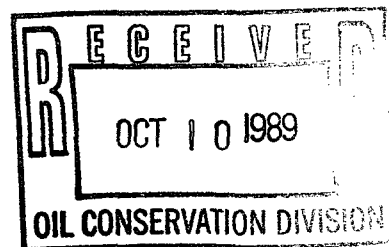
12777 JONES ROAD, SUITE 375
HOUSTON, TEXAS 77070
TELEPHONE (713) 955-1146
FAX (713) 955-5105

Incorporated in Delaware, U.S.A.

October 6, 1989

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

Re: Unorthodox Locations and Drilling Permits
Proposed Wells No. 65 and No. 66
Lovington San Andres West Field
West Lovington Unit
Lea County, New Mexico



Gentlemen:

Greenhill Petroleum Corporation respectfully requests the State of New Mexico Oil Conservation Division grant approval of the proposed unorthodox locations and the attached permits to drill wells No. 65 and No. 66 in the Lovington San Andres West Field, West Lovington Unit, located in Lea County, New Mexico.

The West Lovington Unit is presently developed and being waterflooded utilizing a 40-acre well density. It is believed that infill development using a 20-acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed locations for wells No. 65 and No. 66 are located in the interior of the unit and are not competitive with offset wells outside the unit. Information gathered as a result of drilling these infill wells 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 two proposed wells as soon as possible and would appreciate a response to this request at your earliest convenience.

Sincerely,

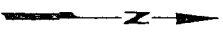
Norbert Renaud
Production Engineer

NPR:JAM

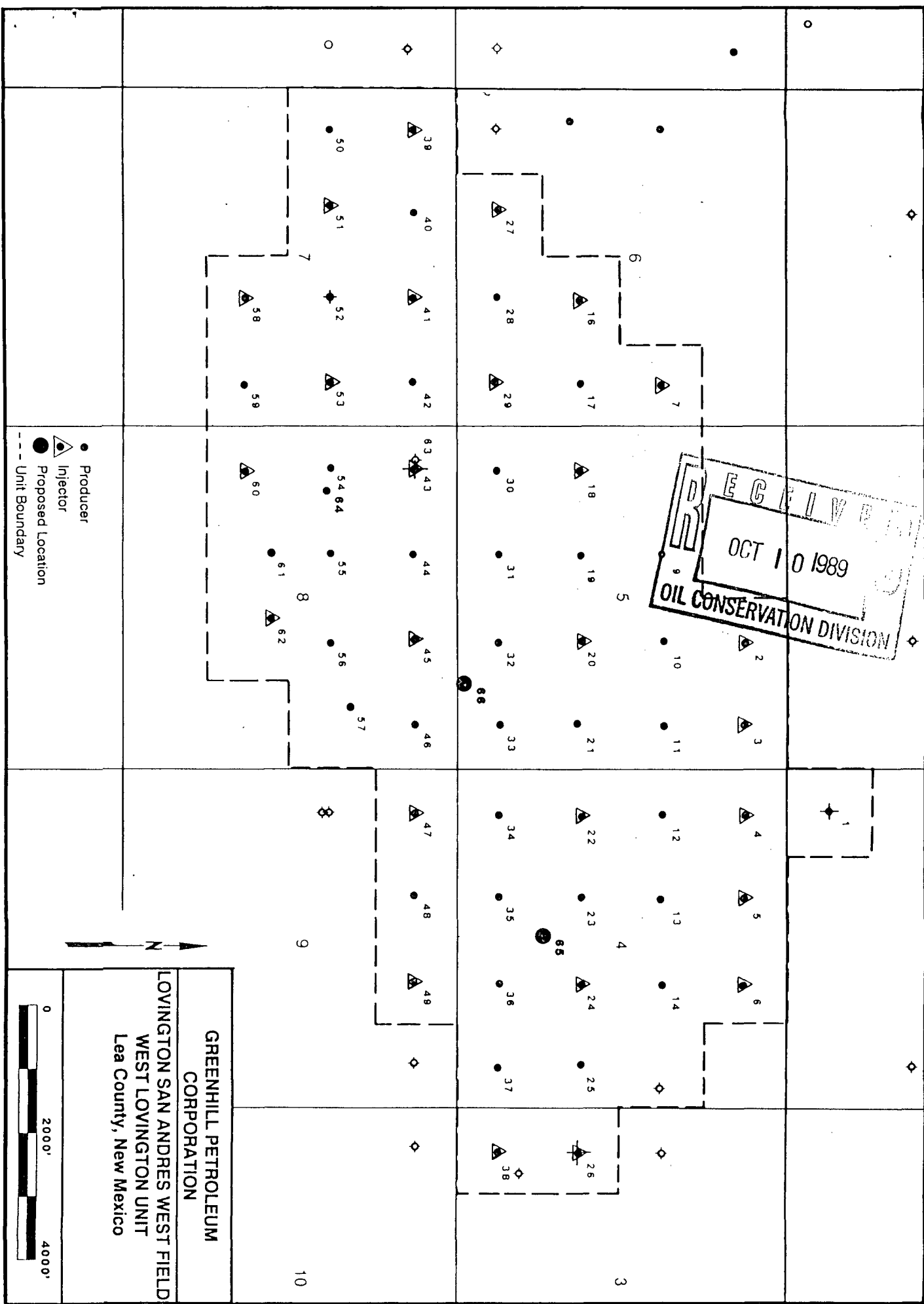
Enclosures

RECEIVED
OCT 10 1989
OIL CONSERVATION DIVISION

● Producer
▲ Injector
● Proposed Location
--- Unit Boundary



GREENHILL PETROLEUM CORPORATION
LOVINGTON SAN ANDRES WEST FIELD
WEST LOVINGTON UNIT
Lea County, New Mexico



NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

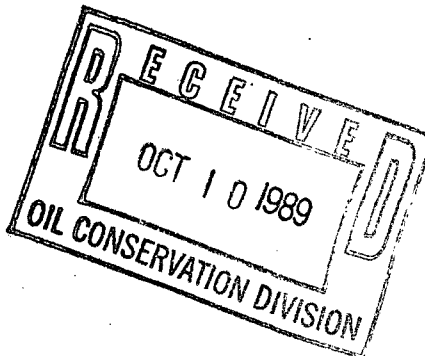
5A. Indicate Type of Lease	
STATE ☒	FEED ☐
5. State Oil & Gas Lease No.	
B-4119	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work				7. Unit Agreement Name	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐				West Lovington Unit	
b. Type of Well				8. Farm or Lease Name	
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐					
2. Name of Operator				9. Well No.	
Greenhill Petroleum Corporation (713) 870-0606				65	
3. Address of Operator				10. Field and Pool, or Wildcat	
16010 Barker's Pt. Ln., Ste-325, Houston, Texas 77079				Lovington S.A. West	
4. Location of Well				12. County	
UNIT LETTER <u>K</u> LOCATED <u>2610</u> FEET FROM THE <u>West</u> LINE				Lea	
AND <u>1330</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>4</u> TWP. <u>17S</u> RGE. <u>36E</u> NMPM					
19. Proposed Depth				19A. Formation	
5200				San Andres	
20. Rotary or C.T.				Rotary	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
3888.6 GL		Blanket on File		TBD	
22. Approx. Date Work will start				10-25-89	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48#	350'	450	Surface
12 1/4	8 5/8	24#	2000'	1050	Surface
7 7/8	5 1/2	15.5#	5230'	200	4150'



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.

Signed Gene Linton Title Production Coordinator Date 10-9-89

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-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. 65
Unit Letter K	Section 4	Township 17 South	Range 36 East	County NMPM Lea	
Actual Footage Location of Well: 1330 feet from the South line and 2610 feet from the West line					
Ground level Elev. 3888.6	Producing Formation San Andres		Pool Lovington San Andres West		Dedicated Acreage: 20 Acres

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

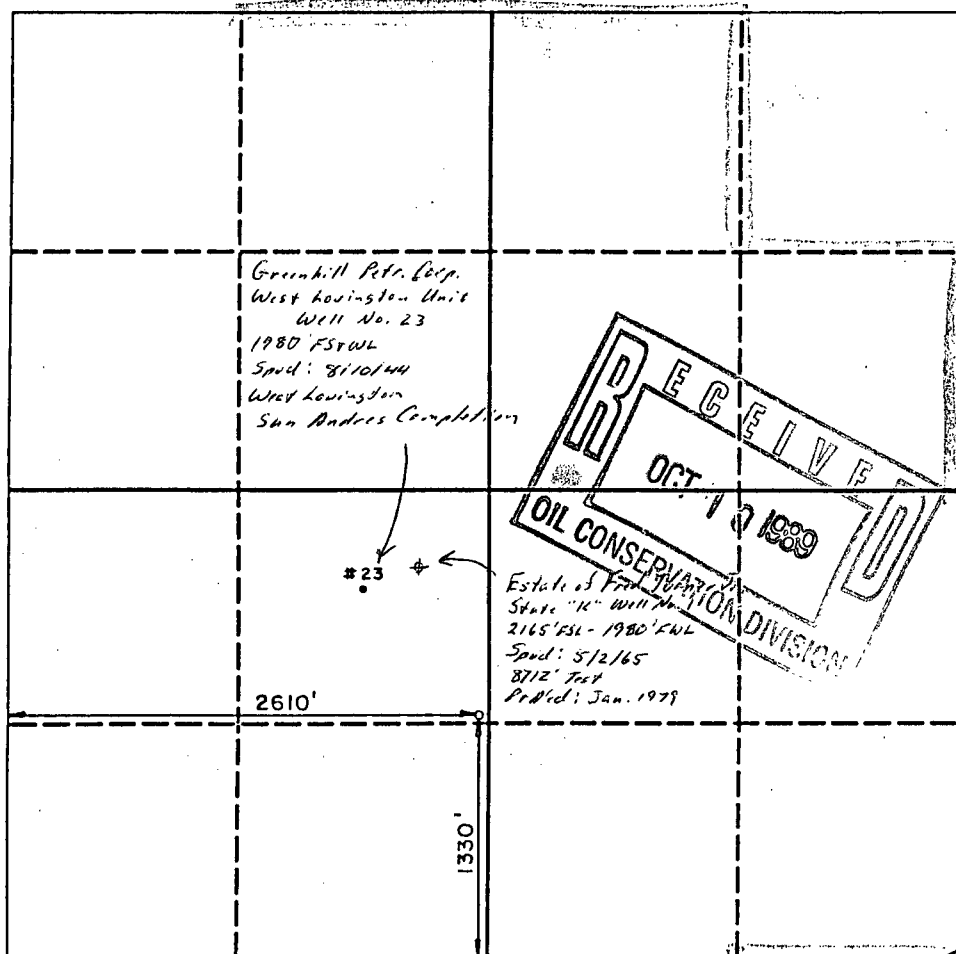
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Gene Linton

Position

Production Coordinator

Company

Greenhill Petroleum Corp.

Date

10-9-89

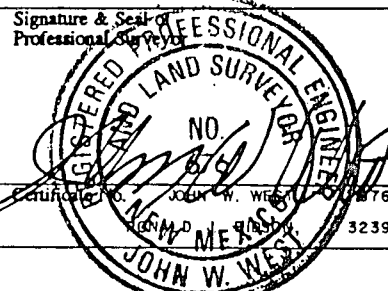
SURVEYOR CERTIFICATION

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

September 8, 1989

Signature & Seal of Professional Surveyor



USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO.
QUESTIONS? CALL 800-238-5355 TOLL FREE.

5013195

Date _____

70-5-89

Your Phone Number (Very Important)

2000

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Price:

蘇州府志

WEIGHT IN POUNDS Only	PACKAGES :	HANDLING
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200	2	2
300	3	3
400	4	4
500	5	5
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1100	11	11
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Box 47)

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ure Not Applicable)

_____ DIM SHIPMENT (Head)

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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

10-11-89

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 _____

OIL CONSERVATION DIVISION
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Gentlemen:

I have examined the application for the:

Greenhill Pet. Corp., West Lovington Unit # 65-K } + #66-P }
Operator Lease & Well No. Unit S-T-R 4-17-36 5-17-36 }

and my recommendations are as follows:

OK JS

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed