

012 COMSER 11490 WESTHEIMER HOAD, SUITE 200 RE (HOUSTON, TEXAS 77077-6841 TELEPHONE (713) 589-8484 FAX. (713) 589-7892

Incorporated in Delaware, U.S.A.

March 24, 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 125 Lovington Paddock 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 125 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 125 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

# 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

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DISTRICT II P.O. Box 1980, Hobbs, NN DISTRICT II P.O. Drawer DD, Artesia, I DISTRICT III 1000 Rio Brazos Rd., Azze	A 88240 S NM 88210	CONSERVATIO P.O. Box 208 Santa Fe, New Mexico	38	5. Indicate Type of Lease  5. State Oil & Gas Lease  B 9077	TATE XX FEE
	TION FOR PERMIT	TO DRILL, DEEPEN, C	OR PLUG BACK		
la. Type of Work:	•			7. Lease Name or Unit A.	greement Name
DRILL b. Type of Well: OIL GAS WELL XX WELL	L XX RE-ENTER	DEEPEN SINGLE	PLUG BACK MULTIPLE ZONE	Lovington Pa	ddock Unit
2. Name of Operator				8. Well No.	
GREENHILL PE	TROLEUM CORPOR	ATION		125	
3. Address of Operator 11490 Westhe	imer, Suite 200	), Houston, Texa	s 77077	9. Pool name or Wildcat Lovington Pa	ddock
4. Well Location Unit Letter P	: 1015 Feet F	rom The South	Line and 1185	Feet From The	East Line
Section 25	Towns	hip 16 South Rai	36 East	NMPM	Lea County
		10. Proposed Depth 6450 *	1	<del>formation</del> addock	12. Rotary or C.T.
					Rotary
13. Elevations (Show whether 3831 GR	r Dr., KI., GK, ele.)	4. Kind & Status Plug. Bond on file	15. Drilling Contractor TBD	4-1-	Date Work will start
17.	PR	OPOSED CASING AN			
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	6450 <b>'</b>	1100	surface

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: # PROPOSAL IS TO DI ZONE. GIVE BLOWOUT PREVENTER PROGRAM, # ANY.	EEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE 201	HE AND PROPOSED NEW PRODUCTIVE
I hereby certify that the information above is true and complete to the best of my knowledge SIGNATURE.	and belief.  The Land Manager-Permian Basin	DATE 3-24-92
TYPEOR PRINT NAME Michael J. Newport		(713) TELEPHONE NO. 589-8484
(This space for State Uee)		
AFTROVED BY	TIO2	DATE
CONDITIONS OF APPROVAL, IF ANY:		

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

Form C-102 Revised 1-1-89

#### OIL CONSERVATION DIVISION

· <u>DISTRICT I</u> 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 66210

DISTRICT III
1000 Rio Brasos Rd., Astec, NM 87410

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

erator			Lease			,	Well No.
		roleum Corp.		Lovington P	addock Uni		125
t Letter ~	Section	Township	Range		•	County	
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answer is 'no	list of owners	and tract description	ns which have actus	illy been consolid	lated. (Use reve	ree side of	
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#### Casing Program

#### BOP Program

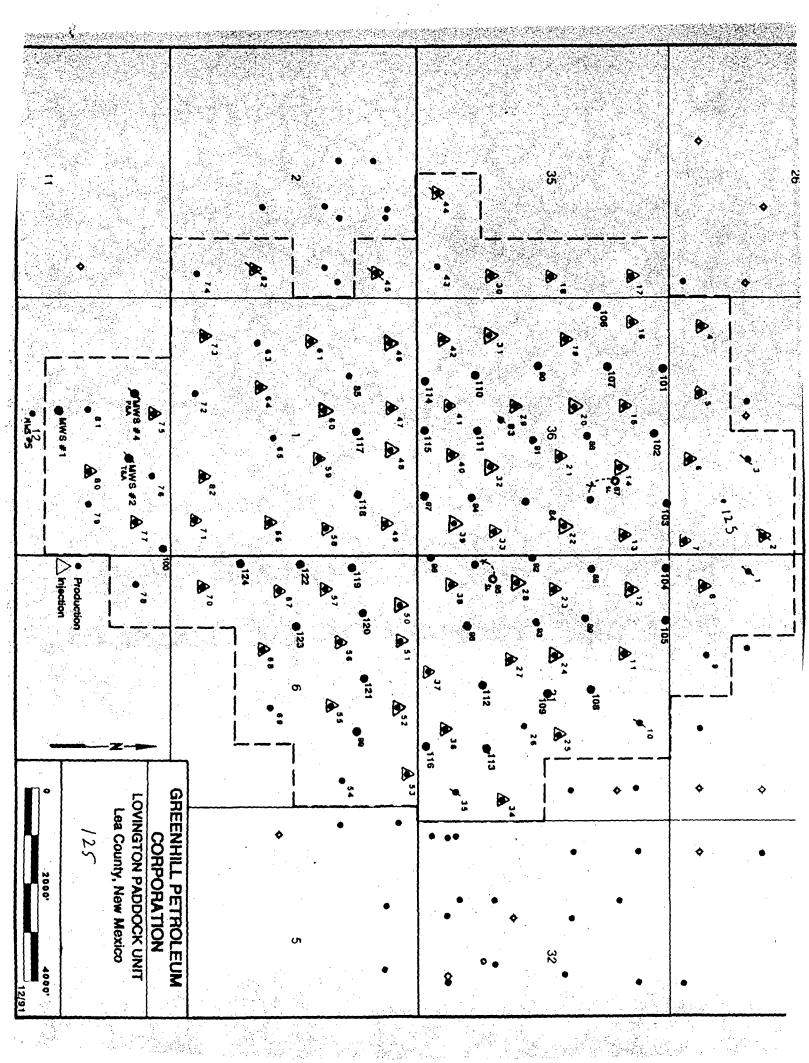
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300 <b>′</b>	24	H40, STC	RA*	200 psi
5-1/2"	6450 <b>′</b>	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

<sup>\* =</sup> RA-Ram Annular





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incorporated in Delaware, U.S.A.

March 24, 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 127 Lovington Paddock 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 127 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 127 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

Form C-102 Revised 1-1-89

#### OIL CONSERVATION DIVISION

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

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

DISTRICT II P.O. Drawer DD, Artesia, NM 86210

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III
1000 Rio Brasce Rd., Asteo, NM 87410

Operator .			Lease		Well No.	
		roleum Corp.	Lov	ington Paddock U		
	ection	Township	Range		County	
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ictual Footage Locat			0505			
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Ground Level Elev.	Producing 1		Pool	i. p 11. L	Dedicated Acreage:	
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1. Outline the acre	eage dedicated t	to the subject well by o	plored pencil or hachure	marks on the plat below	•	
2. If more than or	ne lease is dedi	cated to the well, outli	ne each and identify the	ownership thereof (both	as to working interest and royalt	ty).
3. If more than or unitisation, for		•	cated to the well, have t	he interest of all owners	been consolidated by communitie	ration,
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otherwise) or unti			such interest, has been	approved by the Divisi	on.	
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# 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

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION P.O. Box 2088

Revised 1-1-89

API NO. ( assigned by OCD on New Wells)

la. Type of Work:	S NM 88210 xx, NM 87410	anta Fe, New Mexico  O DRILL, DEEPEN, O  DEEPEN  SINGLE		5. Indicate Type of Lease  S 6. State Oil & Gas Lease  7. Lease Name or Unit A  Lovington Pa	No.  PEE XX  No.
2. Name of Operator GREENHILL PE  3. Address of Operator	ETROLEUM CORPORA		- 77077	8. Well No. 127 9. Pool name or Wildeat Lovington Pa	ddock
4. Well Location	C : 150 Feet Fr	om The North  North  No Ra	Line and 250	O Feet From The	West Line
13. Elevations (Show wheth		10. Proposed Depth 6450 <sup>†</sup> 4. Kind & Sunus Plug, Bond		ormation addock	12. Rotary or C.T. Rotary Date Work will stan
3825	GR PR	on file OPOSED CASING AN	TBD  ID CEMENT PROGE	4-1-	-92
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	64501	1100	surface

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: P PROPOSAZONE, GIVE BLOWOUT PREVENTER PROGRAM, F ANY.	NL IS TO DESPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE
I hereby certify that the infogration above is true and complete to the best of my h	mowindge and belief.
TYPE OR PRINT NAME Michael J. Newport	(713) TELEPHONE NO. 589-8484
(This space for State Use)	
APTROVED BY	TITUS DATE

#### Casing Program

#### BOP Program

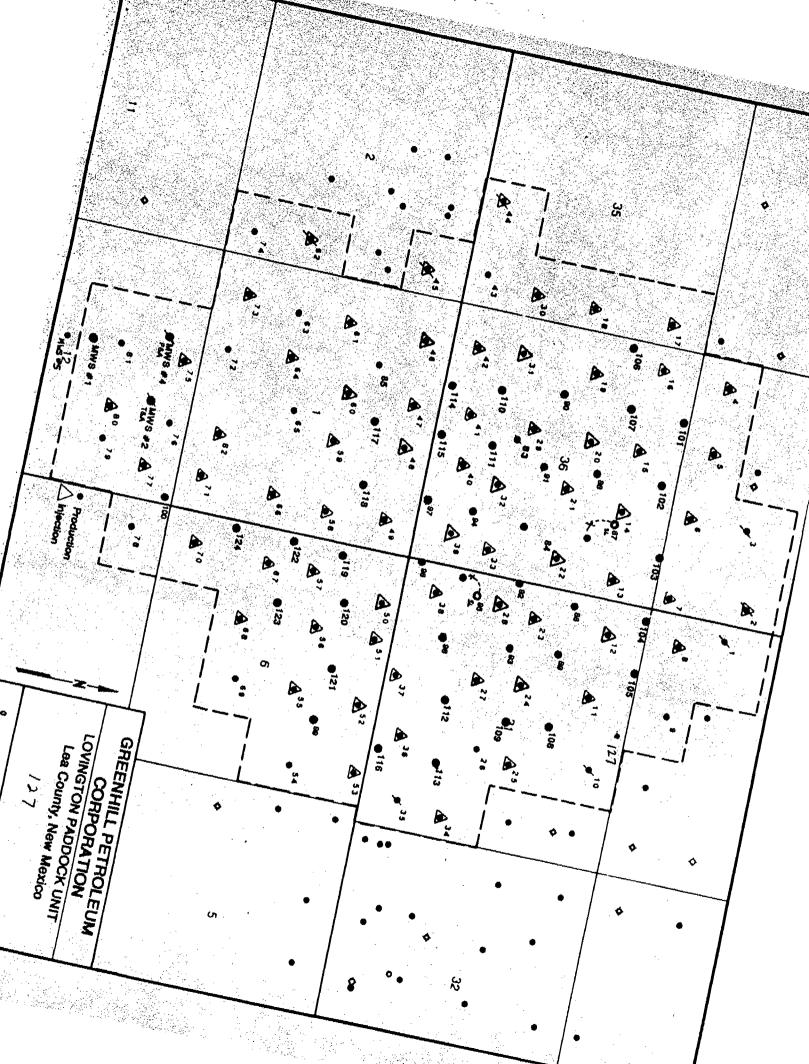
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300 <b>′</b>	24	H40, STC	RA*	200 psi
5-1/2"	6450 <b>′</b>	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

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

Incorporated in Delaware, U.S.A.

March 24, 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 129 Lovington Paddock 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 129 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 129 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

Submit to Appropriate District Office State Lease — 6 copies

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

Form C-101

Revised 1-1-89

Foe Lease - 1 copies  DISTRICT I P.O. Box 1980, Hobbs, NR  DISTRICT II P.O. Drawer DD, Artesia,	M 88240	CONSERVATIO P.O. Box 208 Santa Fe, New Mexico	38 ·	API NO. ( assigned by OC  5. Indicate Type of Lear S	
DISTRICT III 1000 Rio Brazos Rd., Azte	sc, NIM 87410		•	6. State Oil & Gas Lease B7766	
		TO DRILL, DEEPEN, C	OR PLUG BACK		
la. Type of Work:			•	7. Lease Name or Unit A	Igreement Name
DRILL b. Type of Well: OIL OAS WELL XX WELL	L XX RE-ENTER	DEEPEN SINGLE	PLUG BACK	Lovington Pa	ddock Unit
2. Name of Operator		·		8. Well No.	
	TROLEUM CORPOR	ATION		129	
3. Address of Operator				9. Pool name or Wildcat Lovington Pa	
	imer, Suite 200	O, Houston, Texa	s //U//	20121184011 14	
4. Well Location Unit Letter	L : 2420 Feet F	from The South	Line and 39	5 Feet From The	West Line
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		10. Proposed Depth		ormation addock	12. Rotary or C.T. Rotary
13. Elevations (Show whether	OF PT CP atc)	14. Kind & Status Plug. Bond	15. Drilling Contractor	- <u> </u>	Date Work will start
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7 7/8 "	5 1/2 "	15.5	6450 <b>'</b>	1100	surface
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	ichael J. Newpo			(	713) LEPHONE NO. 589-8484

(This space for State Use)

CONDITIONS OF APPROVAL, IF ANY:

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

Form C-102 Revised 1-1-89

### DISTRICT | P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 86210

DISTRICT III 1000 Rio Brezoe Rd., Autoc, NM 87410

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

Operator	<del></del>		Le	125C				Well No.	
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. If more than	one lease is ded	licated to the well,	outline each an	d identify	the ownership thereof (	both a	s to workin	g interest and	royalty).
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#### Casing Program

#### BOP Program

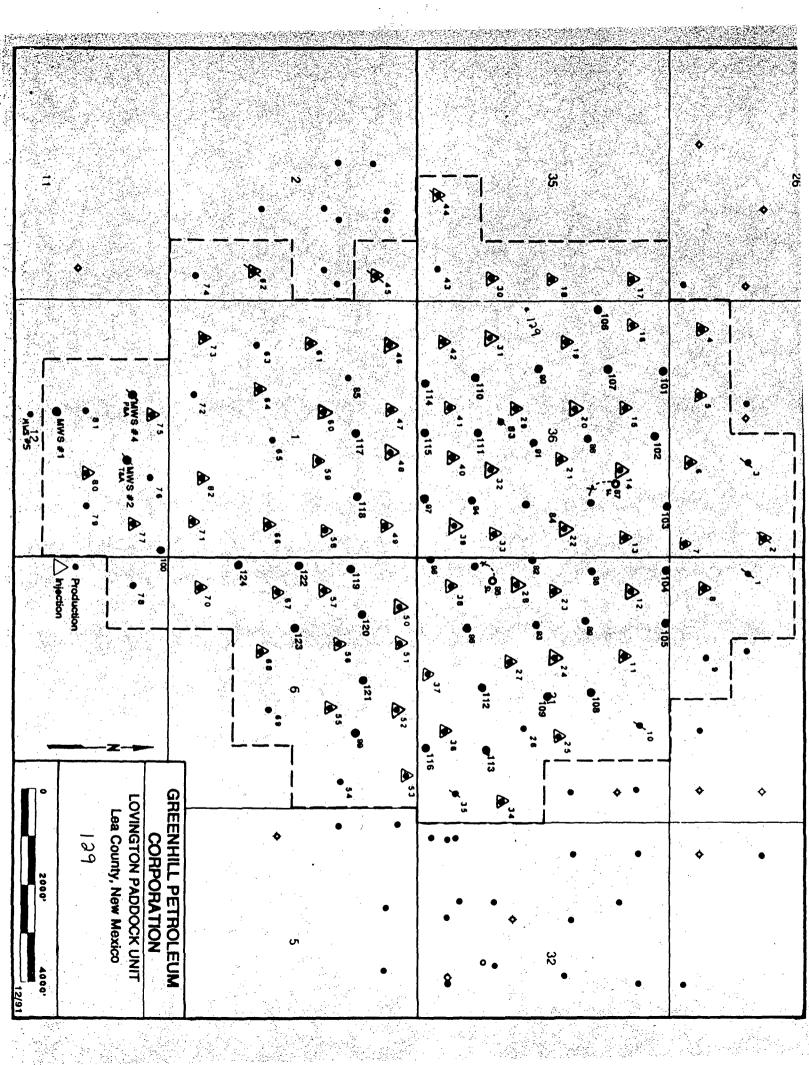
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Attention: Mr. Mike Stogner

RE: Unorthodox Location and Drilling Permit

Proposed Well Number 130 Lovington Paddock 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 130 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 130 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

## 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

<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATION DIVISION
P.O. Box 2088
State For New Mexico 87504-2088

API NO.	( assigned	by OCD on	New Wells)	

DISTRICT<sup>1</sup>II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088

5. Indicate Type of Lease
STATE FEE FEE

6. State Oil & Gas Lease No. 1000 Rio Brazos Rd., Azlec, NM 87410 B 7896 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Ia. Type of Work: 7. Lease Name or Unit Agreement Name DRILL XX RE-ENTER DEEPEN | PLUG BACK b. Type of Well: Lovington Paddock Unit wirr XX SINGLE ZONE MULTIPLE 2. Name of Operator 8. Well No. 130 GREENHILL PETROLEUM CORPORATION 9. Pool name or Wildcat Address of Operator Lovington Paddock 11490 Westheimer, Suite 200, Houston, Texas 77077 4. Well Location .2300 South 1460 Unit Letter Feet From The Line and Feet From The East 16 South Range 37 East Lea **NMPM** County 12. Rotary or C.T. 10. Proposed Depth 11. Formation 6450' Paddock Rotary 16. Approx. Date Work will start 13. Elevations (Show whether DF, RT, GR, etc.) 14. Kind & Status Plug. Bond 15. Drilling Contractor 3820 GR on file **TBD** 4-1-92 17. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP SIZE OF CASING 8 5/8 " 12 1/4 24 1300' 550 surface 7 7/8 " 1/2 " 15.5 64501 1100 surface

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: # PROPOSED DESCRIBE PROPOSED PROGRAM: # PROPOSED DESCRIBE PROPOSED PROGRAM: # PROPOS	SAL IS TO DEEPEN OR FLUID BACK, GIVE DATA ON PRESENT PRODUCTIV	ZE ZONE AND PROPOSED NEW PRODUCTIVE
I hereby certify that the information above is true and complete to the best of my SKINATURE TYPE OR PRINT NAME Michael J. Newport	y tnowledge and belief.  mus Land Manager-Permian Ras	3-24-92 (713) TRLEPHONE NO. 589-8484
(This space for State Use)		
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	mu	DATE

Form C-102 Revised 1-1-89

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

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 68210

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

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

rator					Lease				Well No.	
Gree	nhill l	Petrole	eum Corp	•	L	Lovington Paddock Unit			130	
t Letter 5	Section		Township	_	Range			County	_	
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#### Casing Program

#### BOP Program

Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300 <b>′</b>	24	H40, STC	RA*	200 psi
5-1/2"	6450 <b>′</b>	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

<sup>\* =</sup> RA-Ram Annular

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GREENHILL PETROLEUM CORPORATION	• 100 000	s was	
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11490 WESTHEIMER ROAD, SUITE 200 HOUSTON, TEXAS 77077-6841 TELEPHONE (713) 589-8484 FAX. (713) 589-7892

Incorporated in Delaware, U.S.A.

March 24, 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 131 Lovington Paddock 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 131 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 131 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

# 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

DISTRICT I P.O. Box 1980, Hobbs, ?	1M 88240	CONSERVATIC P.O. Box 201 Santa Fe, New Mexico	88	API NO. ( assigned by O	CD on New Wells)
DISTRICT II P.O. Drawer DD, Arlesia		alita re, new Mexico	87304-2068	5. Indicate Type of Lea	M STATE TEE
DISTRICT III 1000 Rio Brazos Rd., Az	zec, NM 87410			6. State Oil & Gas Leas B 7845	
APPLICA	ATION FOR PERMIT	TO DRILL, DEEPEN, C	OR PLUG BACK		
DRI b. Type of Well: OIL GAS WELL XX WELL	LL XX RE-ENTER	DEEPEN SINGLE	PLUG BACK   MULTIPLE   20NE	7. Lease Name or Unit.  Lovington Pa	
2. Name of Operator	<del></del>			8. Well No.	
	ETROLEUM CORPORA	ATION		131	
3. Address of Operator 11490 Westh	eimer, Suite 200	). Houston. Texa	s 77077	9. Pool name or Wildcat Lovington Pa	
4. Well Location Unit Letter	<u>M</u> : <u>1028</u> Feet F	,	Line and 230	Feet From The	West Line
Section	36 Towns	hip 16 South Rai	ngo 36 East 1	NMPM	Lea County
		10. Proposed Depth		ormation	12. Rotary or C.T.
		6450'		addock	Rotary
13. Elevations (Show what	her DF, RT, GR, etc.)	4. Kind & Status Plug. Bond on file	15. Drilling Contractor TBD		Date Work will start
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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
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7 7/8 "	5 1/2 "	15.5	64501	1100	surface
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DESPEN 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 following is boys is true and complete to the best of m  SIGNATURE	ny knowledge and belief.	in date3-24-92				
TYPEOR PRINT NAME Michael J. Newport		(713) TELEPHONE NO. 589-8484				
(This space for State Use)						
APTROVED BY	mu	DATE				

#### OIL CONSERVATION DIVISION

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

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

DISTRICT II P.O. Drawer DD, Artesia, NM 86210

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#### WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III 1000 Rio Brasos Rd., Astec, NM 87410

Operator	,				Lease				Well No.	
Greenhill	Petr	oleum (	Corp.		L	ovington l	Paddock U	nit	131	
Dait Letter M	Section	_	Township		Range			County		
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ctual Footage Loc	ation of	Well:								
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round Level Elev		oducing Fo			Pool				Dedicated Acreage	:
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#### Casing Program

#### BOP Program

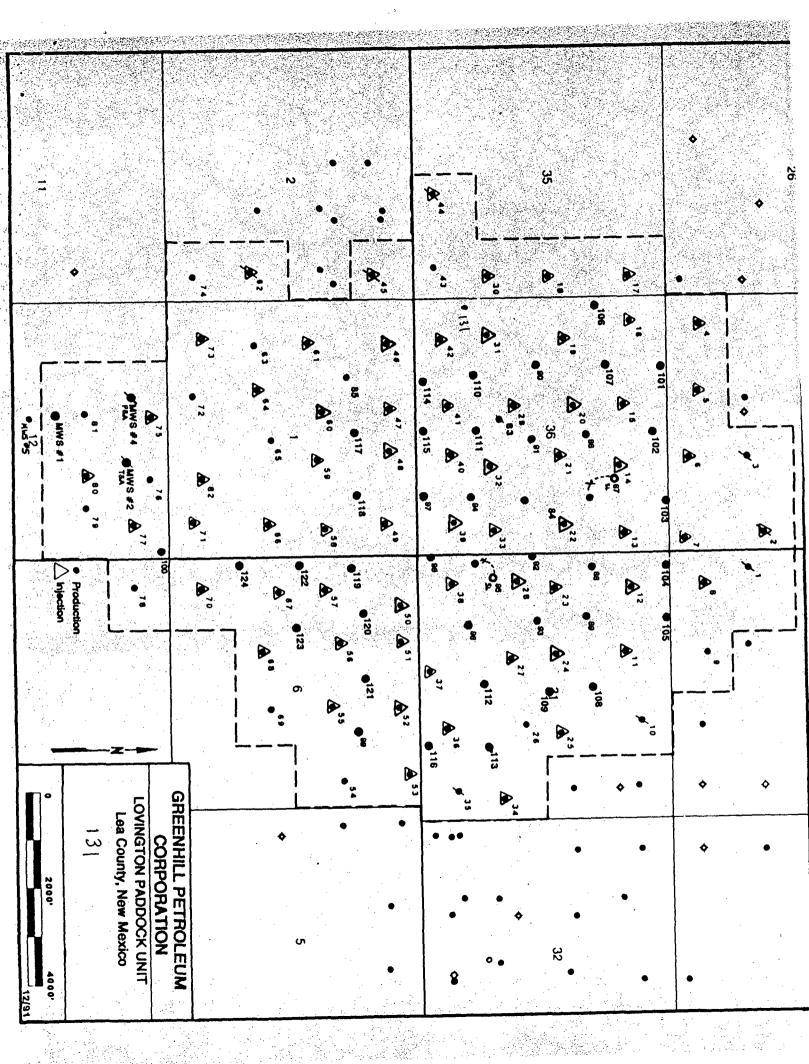
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300'	24	H40, STC	RA*	200 psi
5-1/2"	6450'	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

<sup>\* =</sup> RA-Ram Annular





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

Incorporated in Delaware, U.S.A.

March 24, 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 133 Lovington Paddock 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 133 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 133 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

Submit to Appropriate District Office State Lease - 6 copies Foe Lease - 5 copies

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

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

# OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

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Revise	ed 1	-1-4	19

API NO. (assigned by OCD on New Wells)

P.O. Drawer DD, Artesia,	NM 88210			5. maicate	Type or Lease	ATE TEE	
DISTRICT III 1000 Rio Brazos Rd., Azte	sc, NM 87410		,	6. State Oil B 776	& Gas Lease I	No.	
APPLICA	TION FOR PERMIT	TO DRILL, DEEPEN, O	OR PLUG BACK				////
la. Type of Work:				7. Lease Na	me or Unit Ag	reement Name	ш
DRIL b. Type of Well: OIL OAS WELL XX WELL	L XX RE-ENTER	DEEPEN SINGLE	PLUG BACK MILITIPLE ZONE	Lovin	gton Pad	ldock Unit	
2. Name of Operator  CREENHILL PR	ETROLEUM CORPORA	ATION		8. Well No. 133			
3. Address of Operator		), Houston, Texa	s 77077	9. Pool nam	e or Wildcat gton Pad	dock	
4. Well Location Unit Letter	M : 100 Feet F	rom The South	Line and	260 <b>Feet</b>	From The	West	Line
Section 3	36 Towas	hip 16 South Ra	nge 36 East	NMPM	L	ea Coun	ıty
		10. Proposed Depth		11. Formation Paddock		12. Roury or C.T. Rotary	
13. Elevations (Show whathe 3838 GR	er DF, RT, GR, etc.)	4. Kind & Status Plug. Bond on file	15. Drilling Cont. TBD	ractor	16. Approx. D 4-1-	ble Work will stan	
.17.	PR	OPOSED CASING AN	ND CEMENT PR	OGRAM		•	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPT		CEMENT	EST. TOP	
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7 7/8 "	5 1/2 "	15.5	6450'	1100		surface	<u>—</u>
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSED PROGRAM: IF PROPOSED PROGRAM, IF ANY.	SAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE 200	NE AND PROPOSED NEW PRODUCTIVE
I hereby certify that the information above is true and complete to the best of my SIGNATURE	y knowledge and belief.  TITLE Land Manager-Permian Rasin	DATE 3-24-92 (713) TELEPHONE NO. 589-8484
(This space for State Use)		
AFFROYED BY	mus	DATE

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

Form C-102 Revised 1-1-89

#### DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

#### OIL CONSERVATION DIVISION

P.O. Box 2088

DISTRICT II P.O. Drawer DD, Artesia, NM 86210

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brance Rd., Astec, NM 87410

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

Creenhill Petroleum Corp.  Lovington Paddock Unit  133  Lea  Township Many  36   16 South   South   South   Lea  100	Operator			Leas	<u> </u>			Well No.
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front from Err.    Producting formation   Producting formation   Producting formation   Lovington Paddock   Unit   Delicated Accesses:   Producting formation   Lovington Paddock   Lovington Paddock   Unit   40   Acres			1 To South	<u> </u>	30 Last	NMPM	<u> </u>	ьеа
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388.5' Lovington Paddock  Lovington Paddock Unit  40 Agree  1. Outline the arrange dedicated to the subject wall by colored pendl or hackure marks on the plat below.  2. If more than one lease of different coverably is dedicated to the wall, have the interest of all covers been consolidated by communitisation, unitisation, force-pooling, etc.7  [X] Yes   No. If answer is 'yes' type of consolidation Unitized  If answer is 'no' list of coverage and tract descriptions which have actually been consolidated (the reverse side of this form measurer, this form measurer).  As a satisfact to the well unit all interests have been consolidated (by communitisation, unitisation, forced-pooling, otherwise) or until a satisfact of the well unit all interests have been consolidated (by communitisation, unitisation, forced-pooling, otherwise) or until a satisfact unit, eliminating such interest, has been approved by the Division.  OPERATOR CERTIFICATION  I havely scriftly flux the alterisation of the least of the state of						feet from	the West	
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2. If more than one lease is dedicated to the well, cutline each and identify the ownership thereof (both as to working interest and reputly).  3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, force-pooling, etc.?  [N Yes   No   H answer is "yes" type of consolidation  If answer is "no' list of owners and truct descriptions which have actually been consolidated. (Use vowers side of the formersons).  No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, 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 captured consolidated have no complete to the continuous factors of the standard unit, eliminating such interest, has been approved by the Division.  OPERATOR CERTIFICATION  I hereby certify the the captured consolidated have no complete to the continuous factors of the standard unit, eliminating such interest have been consolidated (by communitization, unitization, unitization, forced-pooling, otherwise) or unitization, unitization, forced-pooling, otherwise or unitization, the continuous factors of the standard unit, eliminating such interest have been consolidated (by communitization).  I hereby certify the the captured force of the continuous factors of the standard unit, eliminating such interest have been consolidated (by communitization, unitization, unitization, unitization, unitization, unitization, unitization, unitization, unitization, forced-pooling, otherwise of the captured or unit zero of the captured or unit zero or un								40 Acres
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#### Casing Program

#### BOP Program

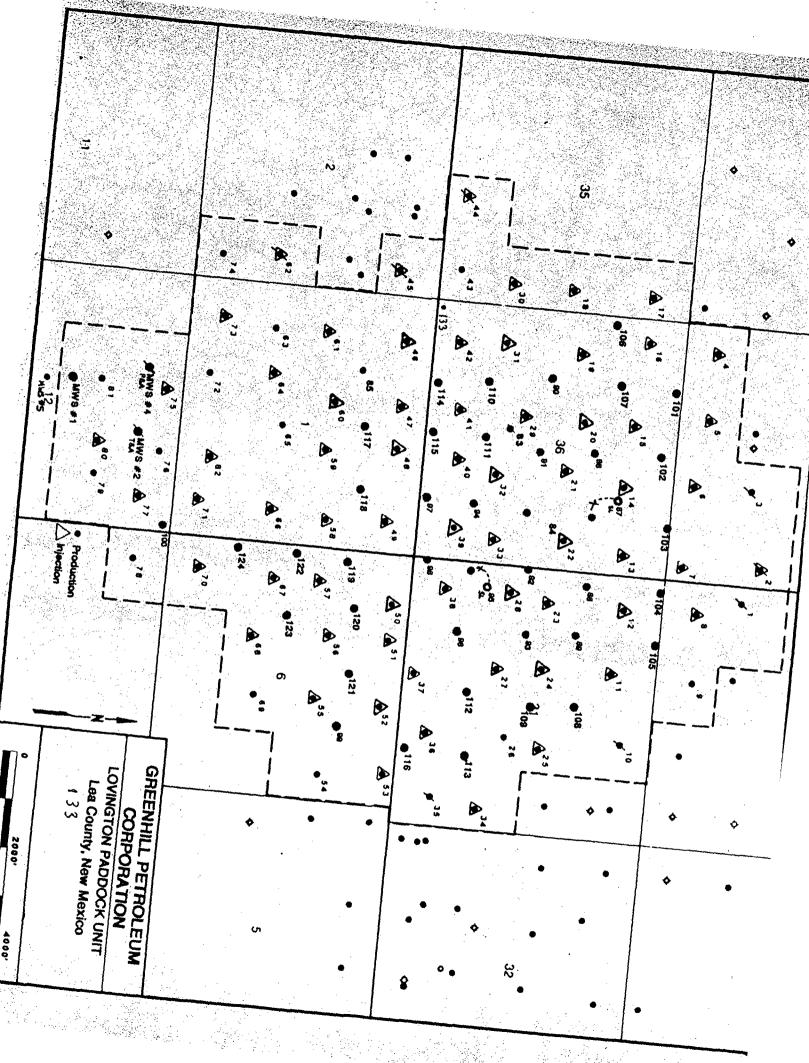
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300 <b>′</b>	24	H40, STC	RA*	200 psi
5-1/2"	6450 <b>′</b>	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

<sup>\* =</sup> RA-Ram Annular





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

Incorporated in Delaware, U.S.A.

March 24, 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 135 Lovington Paddock 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 135 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 135 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

# 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

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

API NO. ( assigned by OCD on New Wells)

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fo New Mexico 87504-2088

DISTRICT <sup>1</sup> II P.O. Drawer DD, Artesia,	NM 88210	5. Indicate	Type of Lease ST	ATE .	EE XX				
DISTRICT III 1000 Rio Brazos Rd., Azie	sc, NM 87410			6. State Oil	& Gas Lease	No.			
APPLICA	TION FOR PERMIT	O DRILL, DEEPEN, C	OR PLUG BACK						
In Type of Work:		7. Lease Na	ume or Unit Ap	preement Name					
DRIL b. Type of Well: on. OAS WELL XX WELL	OR GAS SINGLE MAITTER DOVINGEON LAUGUCK ONLE								
2. Name of Operator GREENHILL PI	ETROLEUM CORPORA	ATION	· · · · · · · · · · · · · · · · · · ·	8. Well No. 135	,	···			
3. Address of Operator 11490 Westhe	eimer, Suite 200		9. Pool name or Wildcal Lovington Paddock						
4. Well Location Unit Letter	D 197								
Section	Section 6 Township 17 South Range 37 East NMPM Lea County								
<i>\}}}}</i>									
<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>		10. Proposed Depth 6450		Formation		12. Rotary or C.T	•		
		4. Kind & Status Plug, Bond	15. Drilling Contracto	Paddock		Rotary			
13. Elevations (Show whath 3807 GR	r	16. Approx. I 4-1-	Date Work will sta .92	rt					
3807 GR on file TBD 4-1-92  17. PROPOSED CASING AND CEMENT PROGRAM									
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TO	)P		
12 1/4 "	12 1/4 " 8 5/8 "		24 1300'		550		e		
7 7/8 "	5 1/2 "	15.5	6450'	1100	1100		e		

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUIG 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 k.  SIGNATURE	mrus Land Manager-Permian Rasir							
TYPEORPRINT NAME Michael J. Newport		(713) TELEPHONE NO. 589-8484						
(This space for State Use)								
APPROVED BY	sum	DATE						
CONDITIONS OF APPROVAL, IF ANY:								

Form C-102 Revised 1-1-89

#### OIL CONSERVATION DIVISION

<u>DISTRICT I</u>
P.O. Box 1960, Hobbe, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 86210

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Operator			Lease				Well No.
Greenhill Petroleum Corp.			1	Lovington Pad	dock Ur	nit	135
Unit Letter Section Township			Range			County	
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•		rth ·	2485			east	N
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#### Casing Program

#### BOP Program

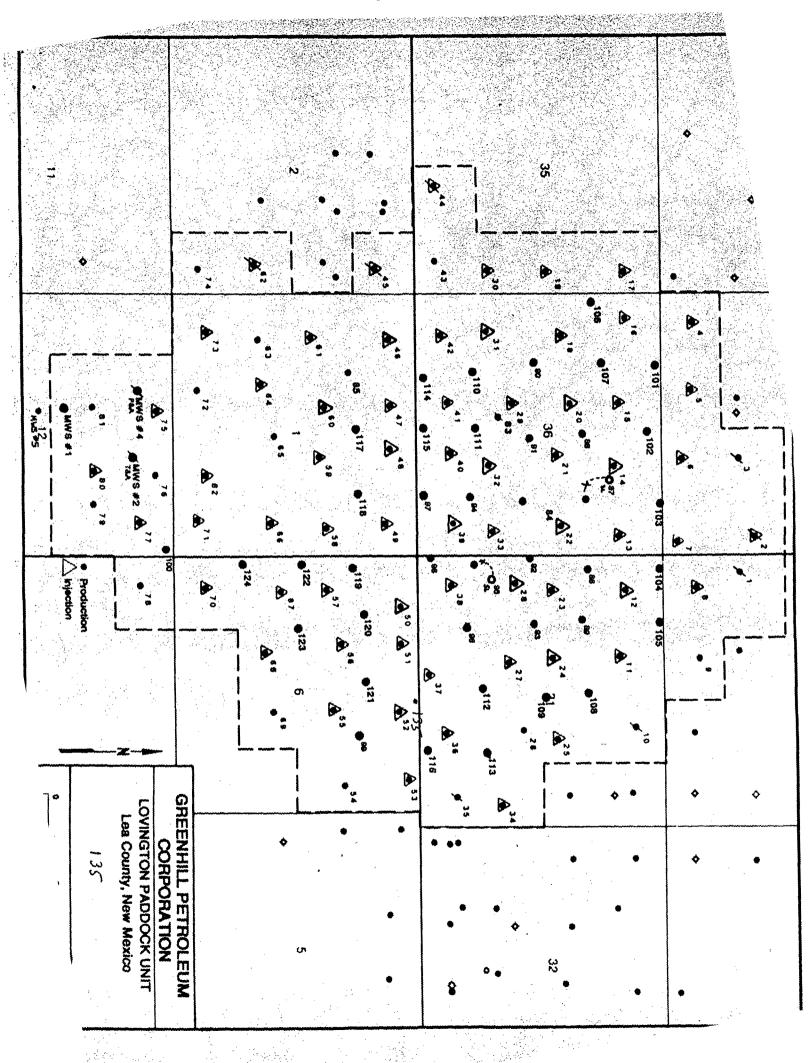
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300 <b>′</b>	24	H40, STC	RA*	200 psi
5-1/2"	6450 <b>′</b>	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

<sup>\* =</sup> RA-Ram Annular





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

Incorporated in Delaware, U.S.A.

March 24, 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

Unorthodox Location and Drilling Permit RE:

> Proposed Well Number 136 Lovington Paddock 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 136 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 136 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 92.204

Enclosures

# 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

DISTRICT I P.O. Box 1980, Hobbs, NI DISTRICT II P.O. Drawer DD, Artesia, DISTRICT III 1000 Rio Brazos Rd., Azte	M 88240 NM 88210 xx, NM 87410	CONSERVATIO P.O. Box 200 Santa Fe, New Mexico	88 87504-2088	5. Indicate	Type of Lease Si & Gas Lease	TATE XX	FEE C
DRIL b. Type of Well: on. OAS well XX WELL	L XX RE-ENTER	R DEEPEN SINGLE	PLUG BACK MILTERE ZONE			greement Name	t
3. Address of Operator	ETROLEUM CORPOR	ATION O, Houston, Texa	s 77077		e or Wildcat gton Pac	ddock	
4. Well Location Unit Letter	E : 1380 Feet F	From The North	Line and	400 Feet	From The	West Lea	Line
		10. Proposed Depth 6450 <sup>†</sup>		11. Formation Paddock		12. Rotary or C Rotary	/////// .T.
13. Elevations (Show wheth 3837GR	er DF, RT, GR, etc.)	14. Kind & Status Piug. Bond on file	15. Drilling Contro TBD	actor	16. Approx. 1 4-1-	Date Work will s -92	tart
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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPT	H SACKS OF	CEMENT	EST. 1	OP
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: # PROPOSAL IS TO ZONE. GIVE BLOWOUT PREVENTER PROGRAM, # ANY.	'O DEEPEN OR PLUG BACK, GIVE DAYA ON PRESENT PRODUCTIVE 201	NE AND PROPOSED NEW PRODUCTIVE
I hereby certify that the information above is true and complete to the best of my knowled Signatures.	odge and belief.  mms Land Manager-Permian Basin	
TYPEOR PRINTING Michael J. Newport		(713) TELEPHONE NO. 589-8484
(This space for State Use)		
APPROVED BY	mu	DATE

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

#### DISTRICT | P.O. Box 1960, Hobbs, NM 88240

## OIL CONSERVATION DIVISION

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

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III 1000 Rio Brasos Rd., Astec, NM 87410

All Distances must be from the outer boundaries of the section

<u> </u>		· · · · · · · · · · · · · · · · · · ·					N-
Operator Grad	anhill Detr	oleum Corp.	Less		gton Paddock	lini+	Well No. 136
Unit Letter	Section	Township	<b>b</b>		gron raddock	County	130
E E	1	17 So	nth Reng	36 East	NMPM	- County	Lea
Actual Footage Loc	eation of Well:		4611	JO Base	NAPA		<u> </u>
1380 fee	t from the no	rth Hine and		400	fast from	the west	line
Ground Level Elev	·		Pool	·			Dedicated Acreage:
3837.5'	Lou	ington Paddock	_	Louinetno	Paddock		46 Acres
1. Outline the a		to the subject well by		or bachure marks	on the plat below.		
2. If more than	one lease is ded	icated to the well, or	tline each and	dentify the owner	ship thereof (both	as to workin	g interest and royalty).
3. If more than	one lease of dif	ferent ownership is d	edicated to the	well, have the int	erest of all owners	been consol	idated by communitization.
unitization, f	orce-pooling, etc					. 1	
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#### Casing Program

### BOP Program

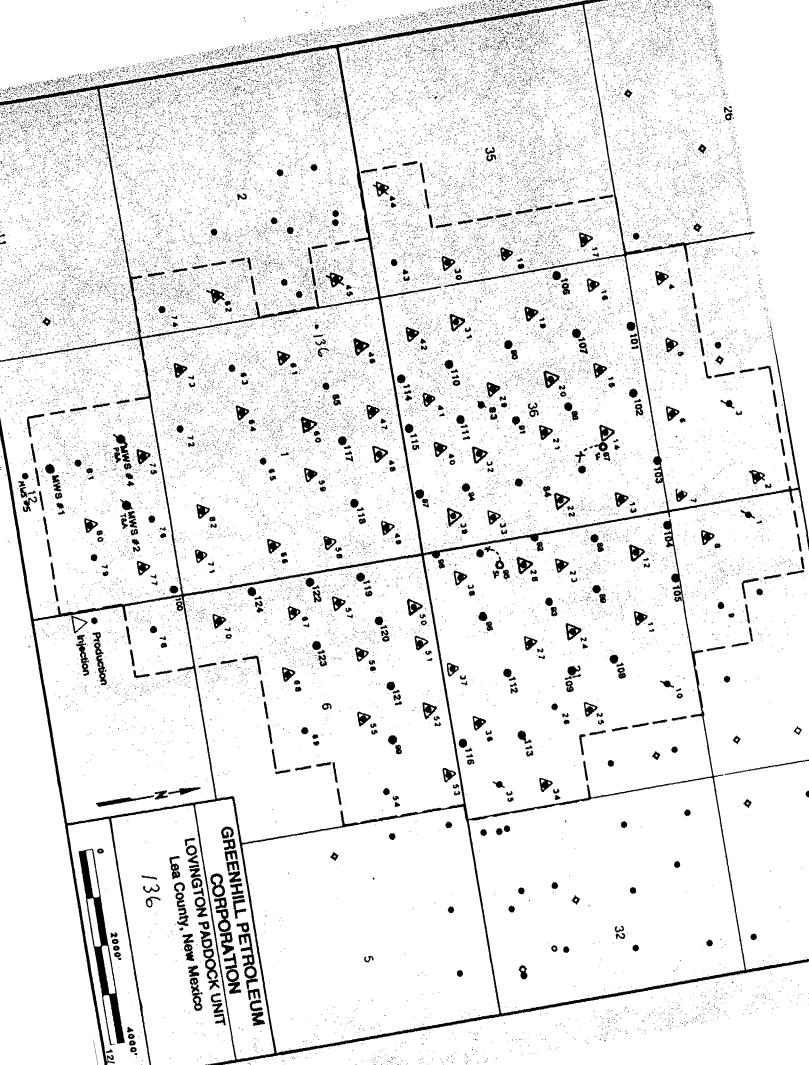
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300′	24	H40, STC	RA*	200 psi
5-1/2"	6450′	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

<sup>\* =</sup> RA-Ram Annular





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

Incorporated in Delaware, U.S.A.

March 24, 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 139 Lovington Paddock 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 139 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 139 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 92.204 Enclosures 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 DISTRICT | P.O. Box 1980, Hobbs, NM 88240

Santa Fe, New Mexico 87504-2088

API NO. (	assigned	by OCD	on New	Wells)	
			****	PC0 1-1-4	•

P.O. Drawer DD, Artesia,	NM 88210			J. Maicale	ST.	ATE 🖾 F	EE _
DISTRICT III 1000 Rio Brazos Rd., Azze	NR4 97410				& Gas Lease ?	Vo.	
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	TION FOR PERMIT 1	O DRILL, DEEPEN, C	OR PLUG BACK				
Ia. Type of Work:				7. Lease Na	ume or Unit Ag	reement Name	
DRIL b. Type of Well: Oil GAS WELL XX WELL	L XX RE-ENTER	DEEPEN SINGLE	PLUG BACK MULTPLE ZONE	Lovin	gton Pad	dock Unit	
2. Name of Operator				8. Well No.		•	
GREENHILL PI	ETROLEUM CORPORA	ATION		139		•	
3. Address of Operator					9. Pool name or Wildcat		
11490 Westhe	eimer, Suite 200	), Houston, Texas	s 77077	Lovin	gton Pad	dock	
4. Well Location Unit Letter	F : 2527 Feet Fr	om The North	Line and 1	550 Foot	From The	West	Line
Section	1 Towns	hip 17 South Ran	ge 36 East	NMPM	L	ea (	County
		10. Proposed Depth		11. Formation		12. Rotary or C.T	•
		6450'		Paddock		Rotary	
13. Elevations (Show wheth 3829 GR	er DF, RT, GR, etc.)	4. Kind & Status Plug. Bond on file	15. Prilling Court TBD	ctor _	16. Approx. D 4-1-	ule Work will sta 92	rt
17.	PR	OPOSED CASING AN	D CEMENT PRO	GRAM .		•	
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7 7/8 "	5 1/2 "	15.5	6450'	1100		surfac	
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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.						
I hereby certify that the information above is true and complete to the best of my is	mmg Land Manager-Permian Basin	DATE 3-24-92				
TYPEOR PRINTINAME Michael J. Newport		(713) TELEPHONE NO. 589-8484				
(This space for State Use)						
APPROVED BY	TITLE	DATE				

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

Form C-102 Revised 1-1-89

<u>DISTRICT I</u> P.O. Box 1980, Hobbe, NM 88240

#### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 86210

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III
1000 Rio Brasos Rd., Asteo, NM 87410

All Distances must be from the outer boundaries of the section

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Operator		_		Lease				Well No.	
		roleum Cor	р.		Lovington	Paddock		139	
Unit Letter Sec	tion	Township		Range	<b>.</b>	* .	County	<b>T</b> -	
F	1	17 South		36	East	NMPM		Lea	
Actual Footage Location	of Well:								
	n the north		·	1550	<u> </u>	feet from	the west	line	
Ground Level Elev.	Producing For		i	Pool				Dedicated Acreage	:
3829.8'	Lovingt	on Paddock	·	Lov	rington Pa	iddock Uni	<u>t</u>	40	Acres
1. Outline the acress	e dedicated to	the subject well	by colored pe	encil or ba	chure marks or	the plat below	٠.		
2. If more than one	lease is dedica	ated to the well,	outline each	and identi	y the ownershi	p thereof (both	as to working	ng interest and roys	ulty).
3. If more than one unitization, force-		ent ownership is	dedicated to	the well,	have the intere	et of all owner	s been consol	idated by communi	tization,
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#### Casing Program

#### BOP Program

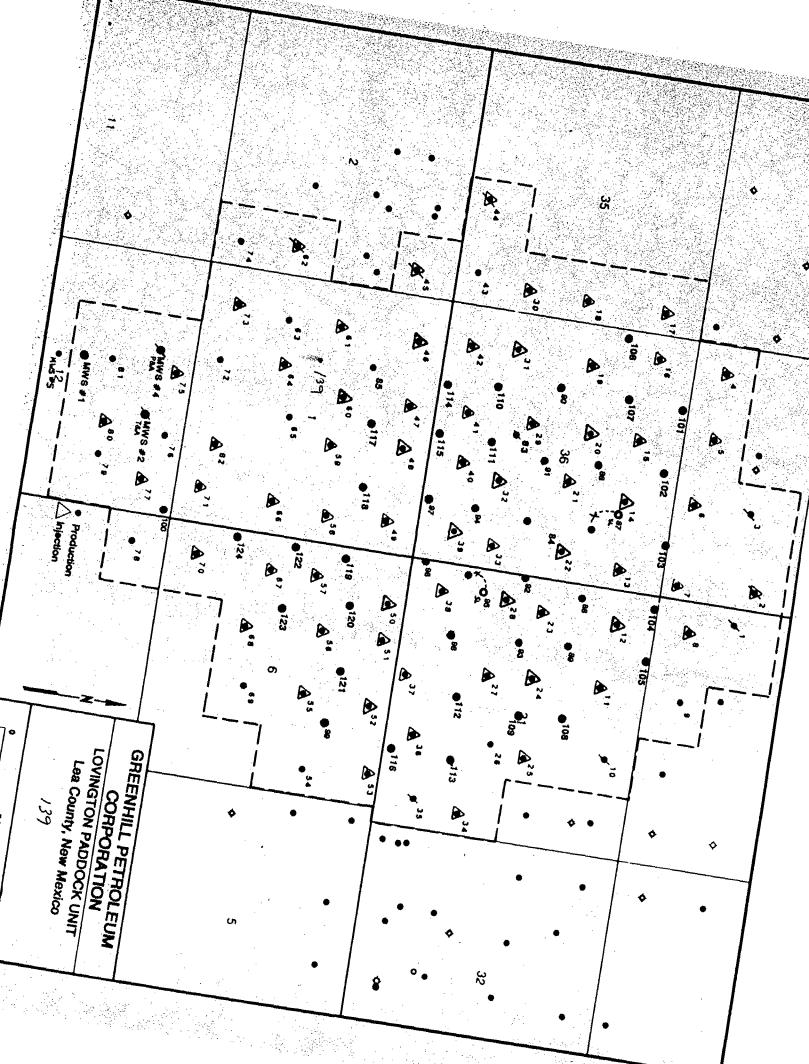
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300 <b>′</b>	24	H40, STC	RA*	200 psi
5-1/2"	6450 <b>′</b>	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

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

Incorporated in Delaware, U.S.A.

March 24, 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 142 Lovington Paddock 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 142 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 142 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 92.204

Enclosures

# Submit to Appropriate District Office State Lease — 6 copies Fee Lease — 5 copies

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

CONDITIONS OF APPROVAL, IF ANY:

Forms C	-101
Revised	1-1-89

Fee Lease - Scopies	OTT	CONCEDUATIO	N DITITOR	•	
DISTRICT! P.O. Box 1980, Hobbs, NI	M 88240	CONSERVATIO P.O. Box 201 Santa Fe, New Mexico	API NO. ( satigned by OC	D on New Wells)	
DISTRICT'II		5. Indicate Type of Lease			
P.O. Drawer DD, Artesia,	NM 88210	•		• • • • • • • • • • • • • • • • • • • •	TATE FEE XX
DISTRICT III 1000 Rio Brazos Rd., Azte	oc, NM 87410			6. State Oil & Gas Lease	No.
APPLICA"	TION FOR PERMIT	TO DRILL, DEEPEN, C	OR PLUG BACK		
In Type of Work:	<del></del>		•	7. Lease Name or Unit A	greement Name
b. Type of Well:	L XX RE-ENTER	DEEPEN	PLUG BACK	To do a to a to a to a to a to a to a to	
Off GYR	OTHER	SINCLE ZONE	MULTIPLE ZONE	Lovington Pac	idock Unit
2. Name of Operator				8. Well No.	
GREENHILL PE	ETROLEUM CORPOR	ATION		142	
3. Address of Operator 11490 Westhe	eimer, Suite 20	O, Houston, Texa	s 77077	9. Pool name or Wildcat Lovington Pac	ldock
4. Well Location Unit Letter	F : 2490 Feet F	rom The North	Line and 2196	) Feet From The	West Line
Section	6 Town	thip 17 South Ray	nge 37 East	NMPM I	ea County
		10. Proposed Depth 6450 T	4	formation addock	12. Rotary or C.T. Rotary
13. Elevations (Show wheth	er DF, RT, GR, etc.)	4. Kind & Status Plug, Bond	15. Drilling Contractor	16. Approx. 1	Date Work will start
3807 GR		on file	TBD	4-1-	-92
17.	PF	OPOSED CASING AN	ID CEMENT PROGI	MAF	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
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7 7/8 "	5 1/2 "	15.5	64501	1100	surface
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: P PROPOSAZONE GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.	AL IS TO DESITEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE 20	ONE AND PROPOSED NEW PRODUCTIVE
I hereby certify that the information above in true and complete to the best of my I	tnowledge and belief.  mus Land Manager-Permian Basin	L DATE3=24=92
TYPEOR PRINT NAME Michael J. Newport		(713) TELEPHONE NO. 589-8484
(This space for State Use)		
APPROVED BY	**************************************	DATE

DISTRICT III

#### 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 86210

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1000 Rio Brasos Rd., Astec, NM 87410

All Distances must be from the outer boundaries of the section

	ed Acreage: 40 Acres
F 6 17 South 37 East NMPM Lea  Actual Footage Location of Well:  2490 feet from the north line and 2190 feet from the West lin  Ground Level Elev. Producing Formation Lovington Paddock Unit	ed Acreage: 40 Acres
Actual Footage Location of Well:  2490 feet from the north line and 2190 feet from the West line  Ground Level Elev. Producing Formation Paddock  3807.9' Lovington Paddock Unit	ed Acreage: 40 Acres
Actual Footage Location of Well:  2490 feet from the north line and 2190 feet from the West line  Ground Level Elev. Producing Formation Lovington Paddock  Lovington Paddock Unit  Dedicate	ed Acreage: 40 Acres
3807.9' Producing Formation Pool Lovington Paddock Unit Dedicate	ed Acreage: 40 Acres
3807.9' Producing Formation Pool Lovington Paddock Unit Dedicate	40 Acres
3007.9	Acres
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2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working intere-	er and royardy.
2. If more than one leave is dedicated to the well, obtains each and identity one ownership each on the world money	
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by	y communitisation,
unitization, force-pooling, etc.?	
XX Tes No if answer is yes type of consolidation	<del></del>
If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of	-
this form necessary	n formed-booling
otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.	a, idiada padaag.
OPERATOR CE	RTIFICATION
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	/
Michael J. N	ewport
Printed Name Land Manager	-Domin Posi
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	TROLEUM CORP.
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955 3-24-92 Pate	
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0 350 660 690 1320 1650 1960 2310 2640 2000 1500 1000 500 0 W.O. 92-116	diago.

### Casing Program

### BOP Program

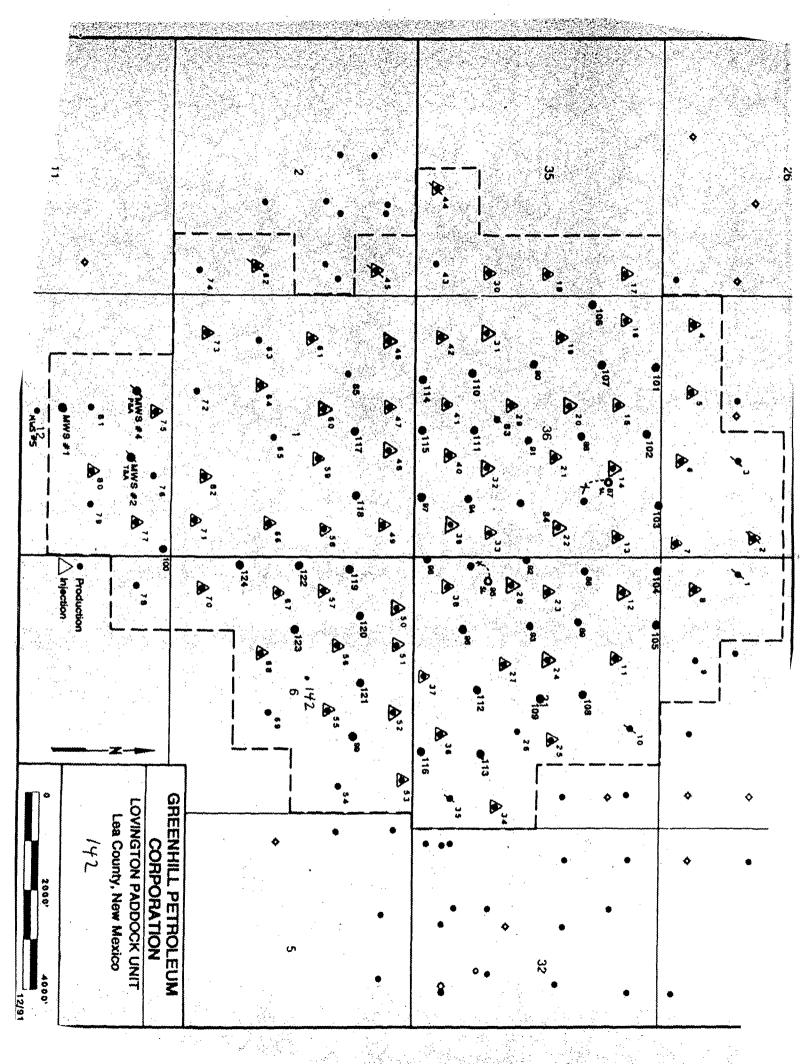
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300 <b>′</b>	24	H40, STC	RA*	200 psi
5-1/2"	6450 <b>′</b>	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

<sup>\* =</sup> RA-Ram Annular





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

Incorporated in Delaware, U.S.A.

March 24, 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 143 Lovington Paddock 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 143 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 143 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 92.204

Enclosures

# Submit to Appropriate District Office State Lease — 6 copies Foe Lease — 5 copies

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

Form C-101 Revised 1-1-89

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

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

# OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

	•	
API NO.	assigned by OCD on New Wells)	

<b>Λ</b> ι.	Tho. ( saigned by och or frem	(213)		
5.	Indicate Type of Lease			<del>ب</del>
	STATE	. 1	FEE	<u>xx</u>
6.	State Oil & Gas Lease No.		•	

DISTRICT III 1000 Rio Brazos Rd., Azie	sc, NM 87410			6. State Oil & Ga	is Lesse No.	
	TION FOR PERMIT	TO DRILL, DEEPEN, O	OR PLUG BACK			
la. Type of Work:			•	7. Lease Name or	Unit Agreement Name	
DRIL b. Type of Well: Oil OAS WELL XX WELL	L XX RE-ENTER	DEEPEN SINGLE	PLUG BACK MULTPLE ZONE	Lovingto	n Paddock Unit	
2. Name of Operator GREENHILL PI	2. Name of Operator GREENHILL PETROLEUM CORPORATION  8. Well No. 143					
3. Address of Operator 11490 Westhe	O Dellacon Willow					
4. Well Location Unit Letter G	: 2250 Feet Fr	om The North	Line and 13	70 Feet From	The East Line	
Section 6	Towns	hip 17 South Ray	nge 37 East	NMPM	Lea County	
				//////////////////////////////////////		
		10. Proposed Depth 6450 *	1	addock	12. Rotary or C.T. Rotary	
13. Elevations (Show wheth 3803 GR	er DF, RT, GR, etc.)	4. Kind & Status Plug. Bond on file	15. Drilling Contractor TBD	16. A	Approx. Date Work will start 4-1-92	
17. PROPOSED CASING AND CEMENT PROGRAM						
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CE	MENT EST. TOP	
12 1/4 "	8 5/8 "	24	1300'	550	surface	
7 7/8 "	5 1/2 "	15.5	6450'	1100	surface	
				1		

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: # PROPOSED PROGRAM: # PROPOSED PROGRAM F ANY.	osal, is to deepen or flug back, give	DATA ON PRESENT PRODUCTIVE	ZONE AND PROPOSED NEW PRODUCTIVE
I hereby certify that the information above is true and complete to the best of a SIGNATURE	• .	ger-Permian Rasi	n date <u>3=24=92</u> (713) Telephone no. 589=8484
(This space for State Use)			
APPROVED BY	mu	<del></del>	DATE

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

Form C-102 Revised 1-1-89

#### OIL CONSERVATION DIVISION

DISTRICT | 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 66210

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III
1000 Rio Brasce Rd., Asteo, NM 87410 All Distances must be from the outer boundaries of the section

Operator					Well No.
			Lease		
Gr		ll Petroleum Corp		Lovington Paddock	
Unit Letter	Section	Township	Range		County
G		6 17 South	37	East NMPM	Lea
Actual Footage Loc	cation of		<u></u>		<u> </u>
0050		. •	1370		east
100	t from the			feet from	the east line
Ground Level Elev	. Pro	ducing Formation	Pool		Dedicated Acreage:
3803.1'		Louinaton Pado	lock Loui	ngton Paddock	40 Acres
1. Outline the a	crease de		by colored pencil or hac	hure marks on the plat below	
			2, calcula paga as and		
2. If more than	one lease	e is dedicated to the well.	outline each and identif	the ownership thereof (both	as to working interest and royalty).
			•	·	
3. If more than	one lease	e of different ownership is	dedicated to the well, h	ave the interest of all owners	been consolidated by communitization,
unitization, f	orce-pool	ling, etc.?		1	
∑ Yes		No If answer is	"yes" type of consolidat	ion unitized	
<del></del>	P 32 A			_	
		owners and tract descript	ions which have actually	been consolidated. (Use reve	niae sida di
No ellowable		almad to the mill smith	all interests here have	noncolidated (by some	itisation, unitisation, forced-pooling,
				been approved by the Divisi	
Ur II		A sendence anti-	SHOT THISTORY HER	approved by the biving	
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		j		1	I hereby certify the the information
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		j i		1	best of my knowledge and belief.
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Ĭ				1	Signature /
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		i	, c		Printed Name
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				. 954	Company
		1 .	]	1	
		1	\ \ \ \ \ \	1 998	Greenhill Petroleum Corp
		Long=103°17'11"	55 • \		Date
		Lat= 32°51'52"		17	3/27/92
		1 22 32 32 32	, · ·	1370	
		1	2,7	34 II	SURVEYOR CERTIFICATION
			1182		
				1	I hereby vertify that the well leastion shown
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		1	69	1	actual surveys made by me or under my
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		;		;	February 13, 1992
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## Casing Program

#### BOP Program

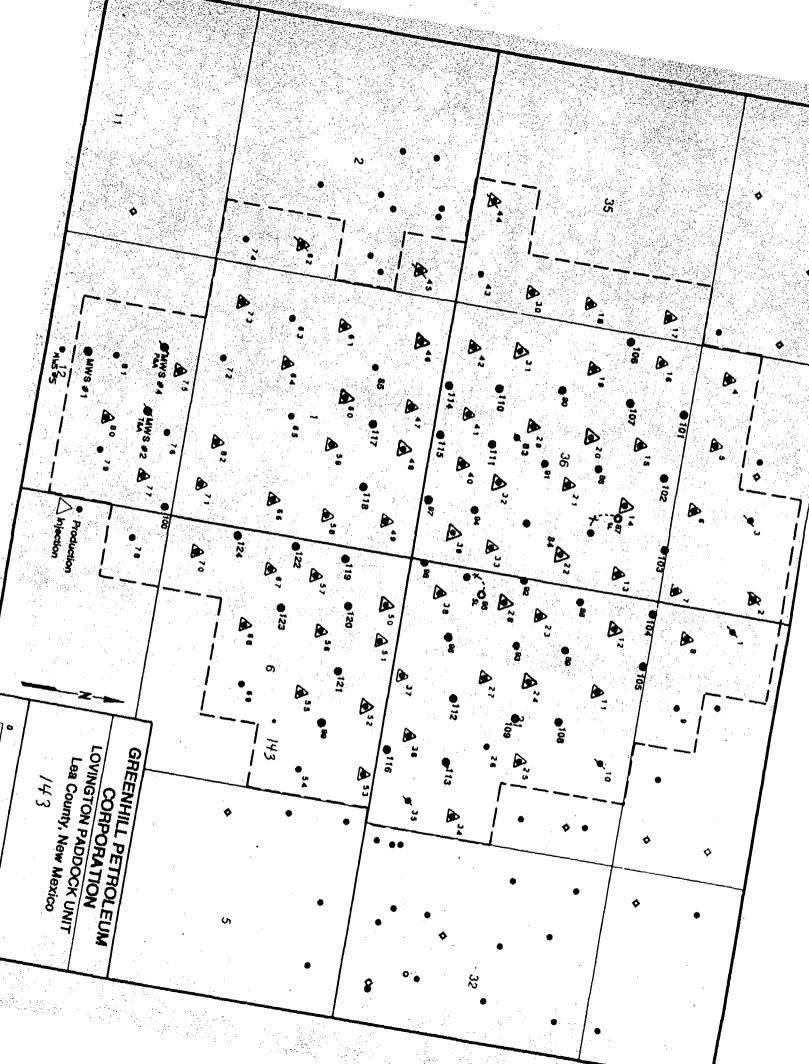
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300 <b>′</b>	24	H40, STC	RA*	200 psi
5-1/2"	6450 <b>′</b>	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

<sup>\* =</sup> RA-Ram Annular





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

incorporated in Delaware, U.S.A.

March 24, 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 148 Lovington Paddock 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 148 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 148 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 92.204 Enclosures

## Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies

3. Address of Operator

Well Location

Unit Letter

CONDITIONS OF APPROVAL, IF ANY:

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

Form C-101 Revised 1-1-89

FEE XX

Line

DISTRICT

OIL CONSERVATION DIVISION

API NO.	( assigned	by OCD	on New	Wells)
1				

9. Pool name or Wildcat

Feet From The

Lovington Paddock

West

P.O. Box 1980, Hobbs, NM 88240  DISTRICT'II  P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico 87504-2088	5. Indicate Type of Lease  STATE F
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410		6. State Oil & Gas Lease No.
APPLICATION FOR PERM	AIT TO DRILL, DEEPEN, OR PLUG BACK	
Ia. Type of Work:	•	7. Lease Name or Unit Agreement Name
DRILL XX RE-EN b. Type of Well: OIL GAS WELL XX WELL OTHER	NTER DEEPEN PLUG BACK SINGLE MULTIPLE 20NE	Lovington Paddock Unit
2. Name of Operator GREENHILL PETROLEUM CORE	PORATION	8. Well No. 148

South

11490 Westheimer, Suite 200, Houston, Texas 77077

1480 Feet From The

Lea 37 East NMPM 17 South Section Township 12. Rotary or C.T. 10. Proposed Depth

Line and

900

6450' Paddock Rotary 13. Elevations (Show whether DF, RT, GR, etc.) 3807 GR 16. Approx. Date Work will start 14. Kind & Status Plug. Bond 15. Drilling Contractor on file TBD 4-1-92

17. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP SIZE OF CASING 12 1/4 " 8 5/8 " 1300' 24 550 surface 7 7/8 " 5 1/2 " 15.5 64501 1100 surface

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DESPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY. mu Land Manager-Permian Basin pare SIGNATURE . (713)Michael J. Newport TELEPHONE NO. 589-8484 TYPE OR PRINT NAME (This space for State Use) ATTROVED BY.

Form C-102 Revised 1-1-89

### OIL CONSERVATION DIVISION

DISTRICT I P.O. Box 1980, Hobbs, NM 86240

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

DISTRICT II P.O. Drawer DD, Artesia, NM 96210

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator			Loa				Well No.
Gree	enhill Pet	troleum Corp.	ľ	Loving	ton Paddock I	Jnit	148
Unit Letter	Section	Township	Ran	£0		County	
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Ground Level Kley	Producin	Formation	Poc		1991 Irom	the west	Dedicated Acreage:
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		ngtun Paddou		Louington			70 Acres
1. Outline the ac	creage dedicate	d to the subject well	by colored pencil	or hachure mark	s on the plat below.	•	
2. If more than	one lease is d	edicated to the well.	outline such and	identify the owner	ership thereof (both	as to working	g interest and royalty).
							•
3. If more than	one lease of d	lifferent ownership is	dedicated to the	well, have the in	terest of all owners	been consol	idated by communitization,
_	orce-pooling,				1. 1. 1		
X Yes	∐ Ne	o if answer is	"yes" type of cor	solidation	Unitized		
If answer is 'no	list of owner	s and tract descript	lons which have	actually been con	solidated. (Use reve	rse side of	·
this form necess	ery						
							nitization, forced-pooling,
orretaine) or a	ntii a non-sta	indard unit, elimina	ting such interes	t, has been appr	roved by the Division	on.	
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	1			1	11	Company	
	i			i		Green hill	Petroleum Corp.
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	<del></del>			<del></del>	[		
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0 330 660	990 1320 1	650 1980 <b>23</b> 10 <b>26</b>	10 2000	1500 1000	sóo ó	W.O.	92-11 10193

### Casing Program

#### BOP Program

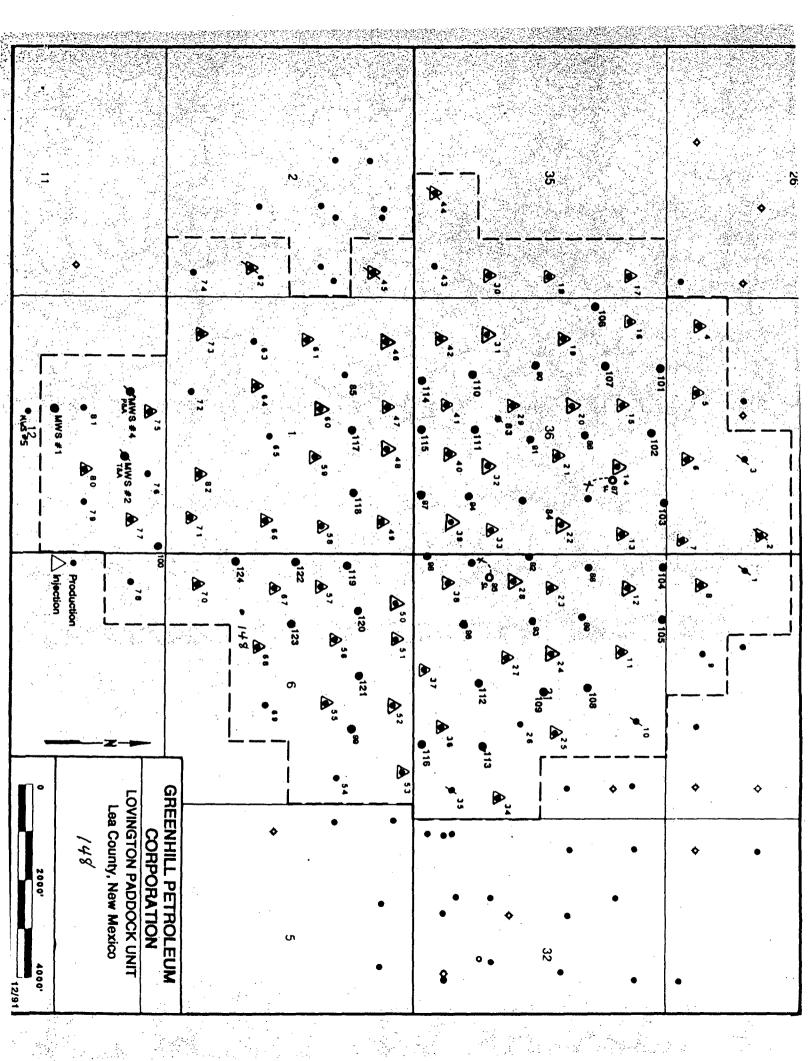
Size	Depth	Wt.	Grade	Configuration	Test Pressure
8-5/8"	1300'	24	H40, STC	RA*	200 psi
5-1/2"	6450'	15.5	K55, STC	RR*	250/1500 psi

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

<sup>\* =</sup> RR-Ram Ram

<sup>\* =</sup> RA-Ram Annular



#### STATE OF NEW MEXICO



## OIL CONENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

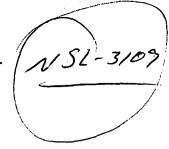
RECEIVED

OIL CONSERVATION DIVISION

'92 APR 10 AM 8 54 HOBBS DISTRICT OFFICE

4-6-92

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	#125-P 25-16-36
RE: Proposed:  MC DHC NSL NSP SWD WFX	* #127-C 31-16-37 #129-L 36-16-36 * #130-J 31-16-37 #131-m 36-16-36
Gentlemen:  I have examined the application  Areenhill Letroleum Cor	# 133-M 36-16-36 # 135-B 6-17-37 # # 136-E 1-17-36 For the: # 139-F 1-17-36 * Lovington Paddock Unit & Well No. Unit S-T-R
Operator Lease and my recommendations are as for	# 1417 - 1 17-37

/ed

Yours very truly,

Supervisor, District 1

Jerry Sexton

A Indicates need for natification goggset aperators.

Exhibit "A"

Division Administrative Order NSL-3109

Greenhill Petroleum Corporation

Lovington Paddock Unit

Lea County, New Mexico

Well No.	Footage Location	Unit	Section	Township-Range	Dedicated 40- Acre Tract	Acreage
125	1015' FSL - 1185' FEL	P	25	16S-36E	SE/4 SE/4	40
127	150' FNL - 2500' FWL	С	31	16S-37E	NE/4 NW/4	40
129	2420' FSL - 395' FWL	Г	36	16S-36E	NW/4 SW/4	40
130	2300' FSL - 1460' FEL	J	31	16S-37E	NW/4 SE/4	40
131	1028' FSL - 230' FWL	M	98	16S-36E	SW/4 SW/4	40
133	100' FSL - 260' FWL	M	36	16S-36E	SW/4 SW/4	40
135	137' FNL - 2485' FEL	В	9	17S-37E	Lot 2	40.20
136	1380' FNL - 400' FWL	E	1	17S-36E	SW/4 NW/4	40
139	2527' FNL - 1550' FWL	F	1	17S-36E	SE/4 NW/4	40
142	2490' FNL - 2190' FWL	F	9	17S-37E	SE/4 NW/4	40
143	2250' FNL - 1370' FEL	ß	9	17S-37E	SW/4 NE/4	40
148	1480' FSL - 900' FWL	L	9	17S-37E	Lot 6	37.35



OIL CONSERVE 11480 WESTHEIMER ROAD, SUITE 200 HOUSTON DEXAS 77077-6841

RECE VETELEPHONE (713) 589-8484
FAX. (713) 589-7892

'92 APR 9 AM 8 54

Incorporated in Delaware, U.S.A.

April 6, 1992 CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Tipperary Corporation 633 - 17th Street, Suite 1550 Denver, Colorado 80202

> RE: Lovington Paddock Well #127 Lea County, New Mexico

Gentlemen:

This letter is to hereby notify you that Greenhill Petroleum Corporation will be drilling Well #127 to a depth of 6,450 feet to test the Lovington Paddock Formation 150 FNL and 2,500 FNL in Section 31, T16S-R37E, Lea County, New Mexico. We are obligated by the New Mexico Oil Commission to notify all offset operators that we are applying for an unorthdox location within our Lovington San Andres Unit.

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

Sincerely,

Michael J. Newport
Land Manager/Permian Basin

MJN/jem 92.242

cc: Mr. Mike Stogner
Oil Conservation Division/State of New Mexico
Energy, Minerals and Natural Resources Department
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

AGREED	OT	AND	ACCEPTED	ON	THIS	THE	
		DAY	OF		·		 1992.

TIPPERARY CORPORATION

		·
BY	•	
ום	•	



# GREENHILL PETROLEUM CORPORATION: ONSERVA ON HOUSEQUATE CASS 77077-6841 TELEPHONE (713) 589-8484

11490 WESTHEIMER ROAD, SUITE 200

RECENED FAX. (713) 589-7892

'92 APR 9 AM 8 42

Incorporated in Delaware, U.S.A.

March 30, 1992 CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Tipperary Corporation 633 - 17th Street, Suite 1550 Denver, Colorado 80202

> Lovington San Andres Well #127 RE:

Lea County, New Mexico

#### Gentlemen:

This letter is to hereby notify you that Greenhill Petroleum Corporation will be drilling Well #127 to a depth of 6,450 feet to test the Lovington Paddock Formation 150 FNL and 2,500 FNL in Section 31, T16S-R37E, Lea County, New Mexico. We are obligated by the New Mexico Oil Commission to notify all offset operators that we are applying for an unorthdox location within our Lovington San Andres Unit.

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

Michael J. Newport Land Manager/Permian Basin

MJN/jem 92.242

Sincerely,

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

AGREED	TO	AND	ACCEPTED	ON	THIS	THE	
		DAY	OF				 1992.

TIPPERARY CORPORATION

BY:				
DI.		 	 	 



# GREENHILL PETROLEUM CORPORATION OIL CONSER - HOUSTON TELEPHONE (713) 589-8484 RE CE FAX (713) 589-7892

11490 WESTHEIMER ROAD, SUITE 200

'92 APR 6 AM 9 23

Incorporated in Delaware, U.S.A.

March 31, 1992 CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Amoco Production Company P. O. Box 3092 Houston, Texas 77251-3092

> RE: Lovington Paddock Well #136

Lea County, New Mexico

#### Gentlemen:

This letter is to hereby notify you that Greenhill Petroleum Corporation will be drilling Well #136 to a depth of 6,450 feet to test the Lovington Paddock Formation 1,380 FNL and 400 FWL in Section 1, T17S-R36E, in Lea County, New Mexico. We are obligated by the New Mexico Oil Commission to notify all offset operators that we are applying for an unorthodox location within our

Lovington San Andres Unit. Please sign and return to the above address in the event you do not object to our proposed well. Sincerely Michael J. Newport Land Manager/Permian Basin MJN/jem 92.243 Mr. Mike Stogner Oil Conservation Division/State of New Mexico Energy, Minerals and Natural Resources Department P. O. Box 2088 Santa Fe, New Mexico 87504-2088 AGREED TO AND ACCEPTED ON THIS THE \_\_\_\_\_ DAY OF APRIL, 1992. AMOCO PRODUCTION COMPANY BY:



# GREENHILL PETROLEUM CORPORATION ER DIVISION, TEXAS 77077-6841

11490 WESTHEIMER ROAD, SUITE 200

RECEIVED FAX. (713) 589-7892

'92 APR 6 AM 9 14

incorporated in Delaware, U.S.A.

March 30, 1992 CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Amoco Production Company P. O. Box 3092 77251-3092 Houston, Texas

> Lovington San Andres Well #136 RE:

Lea County, New Mexico

#### Gentlemen:

This letter is to hereby notify you that Greenhill Petroleum Corporation will be drilling Well #136 to a depth of 6,450 feet to test the Lovington Paddock Formation 1,380 FNL and 400 FWL in Section 1, T17S-R36E, Lea County, New Mexico. We are obligated by the New Mexico Oil Commission to notify all offset operators that we are applying for an unorthdox location within our Lovington San Andres Unit.

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

Sincerely,

Michael J. Newport Land Manager/Permian Basin

MJN/jem 92,243

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

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OIL CONSERV— ON DIVISIONS WESTHEIMER ROAD, SUITE 200 HOUSTON, TEXAS 77077-6841
TELEPHONE (713) 589-8484

'92 APR 6 AM 9 14 FAX. (713) 589-7892

Incorporated in Delaware, U.S.A.

March 30, 1992 CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Texaco, U. S. A. P. O. Box 3109 Midland, Texas 79702

Attention: Mr. Keith Williams

RE: Lovington Paddock Wells #130, #143, & #148

Lea County, New Mexico

#### Gentlemen:

This letter is to hereby notify you that Greenhill Petroleum Corporation will be drilling the following Wells #140, #143, and #148 to a depth of 6,450 feet to test the Paddock Formation. The wells will be located as follows in Lea County, New Mexico:

Well #130 - 2,300 FSL & 1,460 FEL; Section 31, T16S-R37E Well #143 - 2,250 FNL & 1,370 FEL; Section 6, T17S-R37E Well #148 - 1,480 FSL & 900 FWL; Section 6, T17S-R37E

We are obligated by the New Mexico Oil Commission to notify all offset operators that we are applying for an unorthdox location within our Lovington San Andres Unit.

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

Sincerely,

Michael J. Newport

Land Manager/Permian Basin

MJN/jem [92.243]

cc: Mr. Mike Stogner

Oil Conservation Division/State of New Mexico

Energy, Minerals and Natural Resources Department

P. O. Box 2088

Santa Fe, New Mexico 87504-2088

AGREED	то	AND	ACCEPTED	ON	THIS	THE	•	DAY	OF	APRIL,	1992.
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