

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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. (1997) Lovington Paddock Lea County. New Mexico

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 104 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 104 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

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Submit to Appropriate District Office State Lease – 6 copies Fee Lease – 5 copies	Energy	State of New Me , Minerals and Natural R			Form C-101 Revised 1-1-89
<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NI	M 88240	CONSERVATIO P.O. Box 208	38	API NO. (assigned by OC	D on New Wells)
DISTRICT II P.O. Drawer DD, Artesia,		Santa Fe, Nèw Mexico	87504-2088	5. Indicate Type of Lease 5	
<u>DISTRICT III</u> 1000 Rio Brazos Rd., Azu	ec, NM 87410			6. State Oil & Gas Lesse	No.
APPLICA	TION FOR PERMIT	TO DRILL, DEEPEN, C	OR PLUG BACK		
1a. Type of Work:				7. Lease Name or Unit A	greement Name
DRIL b. Type of Well: OIL OAS WELL WELL	L RE-ENTE		PLUG BACK	Lovington Padd	lock Unit
2. Name of Operator			<u></u>	8. Well No.	
Greenhill Pet	roleum Corpora	tion		104	
3. Address of Operator		· ·		9. Pool name or Wildcat	
<u>11490_Westheime</u>	<u>r, Ste., 200, I</u>	Houston, TX 7707	7	Lovington Paddo	ock
4. Well Location Unit Letter		From The	Line and _75	Feet From The	North Line
Section 31	Town	strip 16S Rai	37F	NMPM	County
		10. Proposed Depth	//////////////////////////////////////	Formation	12. Rotary or C.T.
		6600		Paddock	<u> </u>
13. Elevations (Show wheth 3831	er DF, RT, GR, etc.)	14. Kind & Status Plug. Bond On file	15. Drilling Contractor TBD	r 16. Approx.	Date Work will start
17.	P	ROPOSED CASING AN	ID CEMENT PROG	RAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24	2050	900	Surface
7 7/8	5 1/2	15.5	6600	to be determine	
				by fluid calipe	r

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG 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 knowled	•
SIGNATURE Richael II. Lunger	_ mmr Land Manager-Permian Basin DATE 6-6-91
TYPE OR PRINT NAME Michael J. Newport	TELEPHONE NO. 955-1146
(This space for State Use)	
APPROVED BY	DATE DATE
CONDITIONS OF APPROVAL, IF ANY:	·

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

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

125630

DISTRICT II P.O. DERIVER DD, Attania, NM 88210

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

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

. . . • : OIL CONSERVATION DIVISION ~ P.O. Box 2088

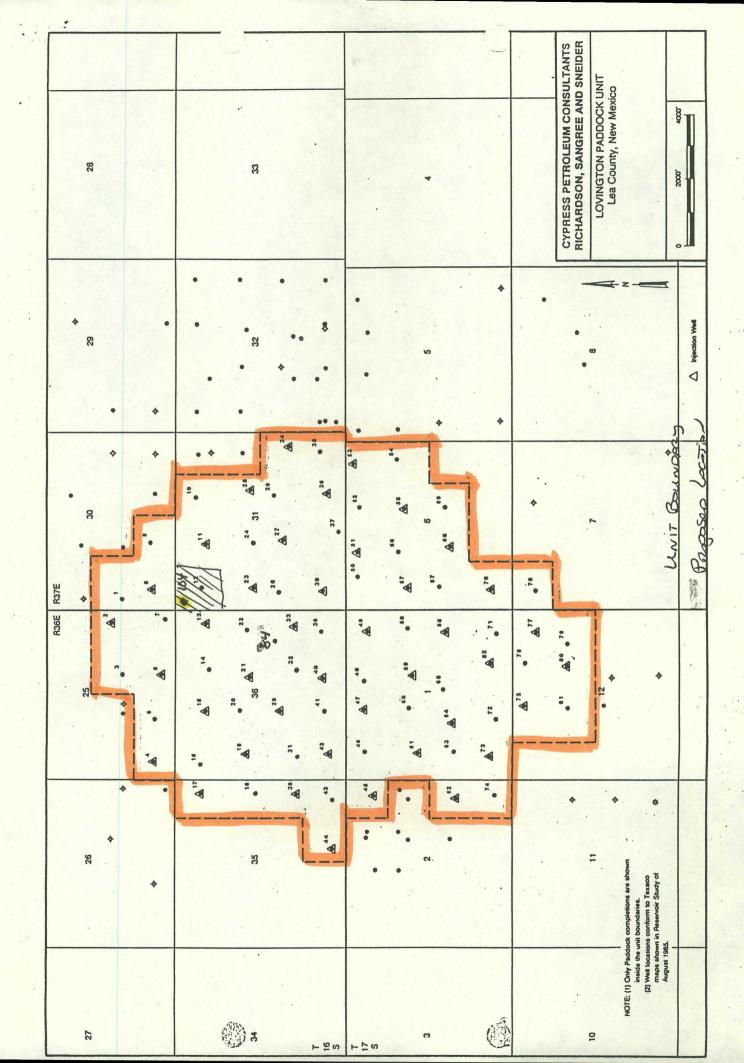
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Santa Fe, New Mexico 87504-2088

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WELL LOCATION	AND ACREAGE DEDICATION PLAT

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STATE OF NEW MEXICO STATE OF NEW MEXICO STATE OF NEW MEXICO STATE OF NEW MEXICO OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

BRUCE KING

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 S	L	
NSP		<u> </u>
SWD		
WFX		
PMX		

Gentlemen:

I have examined the application for the:

<u>Paddack Unit # 104-D 31-16-37</u> . Unit S-T-R Operator Lease

and my recommendations are as follows:

OK

Yours very truly /Jerry Sexton

Supervisor, District I



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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. 1057 Lovington Paddock Lea County. New Mexico

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 105 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 105 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

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<u>DISTRICT II</u> P.O. Drawer DD, Artesia,		Santa Fe, New Mexico	87504-2088	5. Indicate Type of Lease STATE	
DISTRICT III 1000 Rio Brazos Rd., Azte	sc, NM 87410		·	6. State Oil & Gas Lease No.	
APPLICA	TION FOR PERMIT	TO DRILL, DEEPEN, C	OR PLUG BACK		
12. Type of Work:				7. Lease Name or Unit Agreeme	ent Name
DRIL b. Type of Weil: OIL GAS WELL X WELL	L X RE-ENTER	C DEEPEN SINGLE	PLUG BACK	Lovington Paddock	Unit
2. Name of Operator				8. Well No.	
Greenhill Pet	roleum Corporat	tion		105	
3. Address of Operator	······································	<u></u>		9. Pool name or Wildcat	
11490 Westheim	er, Ste., 200,	Houston, TX 770)77	Lovington Pado	lock
4. Well Location Unit Letter		rom The <u>North</u>	Line and1324	Feet From The Wes	t Line
Section 31	Town	ship 16S Ran	age 37E	NMPM Lea	County
		10. Proposed Depth	11. 1	Formation 12_8	olary or C.T.
		6600	D	addock	
13. Elevations (Show wheth	er DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor		Vork will start
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17.	PF	OPOSED CASING AN		RAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24	2050		Surface
7 7/8	5 1/2	15.5	6600	to be determined	Surface
				by fluid caliper	······

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE 20NE AND PROPOSED NEW PROPOSE

(This space for State Use)	· ·	
TYPE OR PRONT NAME Michael J. Newport	· ·	TELEPHONE NO.955-1146
SKENATURE Richael Dheuport	•	an Basin DATE 6-6-91
I hereby certify that the information above is true and complete to the best of my know	nindee and helief	

CONDITIONS OF APPROVAL, IF ANY:

TILE .

DATE . Submit to Appeop District Office Sizes Lesse - 4 copie

DISTRICT I P.O. Box 1980, Hobbs, NM \$2240

DISTRICT II

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102 Revie a 1-1-19

io Brazos Rd., Aziec, N		is must be from the outer boundarie		Well No.
GREENHILL PET	ROLEUM CORP.	LOVINGTON P.	ADDOCK UNIT	105
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	assigned to the well until all inter- id unit, eliminating such interest, h	ests have been consolidated (by comm	unitization, unitization, forced-poolis	ig, or otherwise)
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		1007	LOVINGTON PADDOCK UNIT Lea County, New Mexico	CYPRESS PETROLEUM CONSULTANTS RICHARDSON, SANGREE AND SNEIDER										
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THE STATE		STATE OF NEW MEXICO	
	ENERGY, 9MINE	ERALS AND NATURAL RESOURCES DEPARTMENT	
RECI	VED	OIL CONSERVATION DIVISION	
·91 JUN 17	am 11 36	HOBBS DISTRICT OFFICE	
· 91 JUN IT	THT TO #	6-14-91	
			POST OFFICE BOX 194 HOBBS, NEW MEXICO 8824 (505) 393-6161
OUVERNOR			(202) 232-0101
P. O. BOX 2088 SANTA FE, NEW 1 RE: Proposed: MC DHC			
NSL NSP SWD WFX PMX			
NSP SWD WFX PMX			
NSP SWD WFX PMX Gentlemen:			
NSP SWD WFX PMX	d the applica	A	
NSP SWD WFX PMX Gentlemen: I have examine <i>Heenhill</i>	d the applica	A	- <u>A 31-16-</u>
NSP SWD WFX PMX Gentlemen:	d the applica It. Corp.	tion for the: Lovington Paddock Unit # 105 Lease & Well No. Unit S-T-R	D 31-16-
NSP SWD WFX PMX Gentlemen: I have examine <i>Heenhill</i>	et. Corp.	Lovington Paddock Unit # 105 Lease & Well No. Unit S-T-R	<u>A 31-16-</u>

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Yours very truly, 4 1 en Jerry Sexton Supervisor, District 1



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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. 2005 Lovington Paddock Lea County. New Mexico

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 106 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 106 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,

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Michael J. Newport Landman

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APPLICA	TION FOR PERMIT 1	O DRILL, DEEPEN, O	OR PLUG BACK			
12. Type of Work:				7. Lease Na	time or Unit Ap	greement Name
DRIL b. Type of Well: OIL GAS WELL WELL	L X RE-ENTER	DEEPEN SINGLE	PLUG BACK	Lovingt	con Padd	ock Unit
2. Name of Operator				8. Well No.	106	
	troleum Corpora	tion	· · · · · · · · · · · · · · · · · · ·			
3. Address of Operator 11490 Westhe	<u>imer, Ste., 200</u>	<u>, Houston, TX_7</u>	7077	9. Pool nam Loving	ton Pad	dock
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		10. Proposed Depth 6600		Paddock		12.
13. Elevations (Show wheth 3843	er DF, RT, GR, etc.)	4. Kind & Status Plug. Bond on file	15. Drilling Contracto TBD	x	16. Approx. I	Date Work will start
17.	PR	OPOSED CASING AN	ID CEMENT PROG	RAM		
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I hereby certify that the information above is true and complete to the best of my knows SKGNATURE	ndge and baller. Land Manager-Permian Basi	n date 6-6-91
TYPE OR PRINT NAME Michael J. Newport		TELEPHONE NO. 955-1146
(This space for State Use)		
APPROVED BY		DATE

Submit to App District Office State Lease - 4 o s - 3 co

DISTRICT P.O. Box 1980, Hobbs, Nh4 \$8240

State of New Mexico

Energy, Minerals and Natural Resources Department

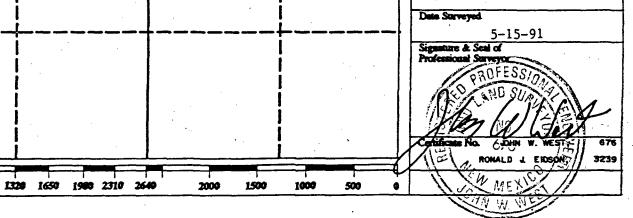
OIL CONSERVATION DIVISION

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

Form C-102 Revised 1-1-89

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DISTRICT III 1000 Rio Brazos Rd., Az	dec, NM 87410		CATION AND nose must be from					•
Operator			Lee	•			We	No.
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		NOTE: (1) Only Paddoct completions are shown inside the unit boundaries. (2) Well locations conform to Texaco maps shown in Reservoir Study of August 1965.					
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	Шţ	v Mexico	CYPRESS PETROLEUM CONSULTANTS RICHARDSON, SANGREE AND SNEIDER	•	-		
			CYPRESS PETROLEUM CONSULTANTS RICHARDSON, SANGREE AND SNEIDER	_			
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THE STATE	and the second	STATE OF NEW MEXICO		
	ENERGY MINERA	ALS AND NATURAL RESOUR	CES DEPARTMENT	
A COLORING	YED	OIL CONSERVATION DIVISIO HOBBS DISTRICT OFFICE	N	
91 JUN 17 BRUCE KING GOVERNOR	rm 10 35	6-14-91		POST OFFICE BOX 1980
BRUCE KING GOVERNOR	•		•	HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

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

RE:	Proposed:	
	MC	
	DHC	
	NSL X	
	NSP	
	SWD	
	WFX	
	PMX	

Gentlemen:

OU

I have examined the application for the:

Breenhill Pet. Carp. Lovington Padback Unit # 106-E 36-16-36 Derator Lease & Well No. Unit S-T-R Operator

.

and my recommendations are as follows:

Yours very truly, Jerry Sexton

Supervisor, District 1

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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. 2008 Lovington Paddock Lea County. New Mexico

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 108 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 108 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,

GREENHILL PETROLEUM CORPORATION

Mʻichael J. Newport Landman

1					
Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies	Energy,	State of New M Minerals and Natural R		· · ·	Form C-101 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, N	NM 88240	CONSERVATIO P.O. Box 20	88	API NO. (assign	ed by OCD on New Wells)
DISTRICT ¹ II P.O. Drawer DD, Artesia		Santa Fe, New Mexico	87304-2088	5. Indicate Type	e of Lesse STATE X FEE
<u>DISTRICT III</u> 1000 Rio Brazos Rd., Az	ziec, NM 87410			6. State Oil & (Gas Lease No. B7896
APPLIC	ATION FOR PERMIT	TO DRILL, DEEPEN, O	OR PLUG BACK	///////////////////////////////////////	
1a. Type of Work:			<u> </u>	7. Lease Name	or Unit Agreement Name
DRI b. Type of Weil: OIL GAS WELL WELL	ILL X RE-ENTER	C DEEPEN SINGLE	PLUG BACK		Paddock Unit
2. Name of Operator				8. Well No.	······································
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PR

I hereby certify that the in	formation above is true and complete to the best of my	y knowledge and belief.
TYPE OR PRINT NAME	Michael J. Newport	TELEPHONE NO. 955-1146
(This space for State Use)		

_ TITLE _

_ DATE _

APPROVED BY

CONDITIONS OF AFFROVAL, IF ANY:

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

DISTRICT | P.O. Box 1980, Hobbs, NM \$\$240

DISTRICT II P.O. Deaver DD, Artenia, NM \$\$210

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

State of New Mexico Energy, Minerals and Natural Resources Department

- James - 16

OIL CONSERVATION DIVISION . Ask

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

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WELL	LOC	ATION	AND	ACREA	GE D	EDICA	TION	PLAT

All Distances must be in we the cuter bounds e of the ea

GREENHIL	L PETROLE	EUM CORP.		LOVINC	GTON PADI	DOCK UNIT	108
	ection	Township		Range	<u></u>	Cour	ty.
F	31	1	6 SOUTH	37 EA	AST	NMPM	LEA
al Footage Locatio	a of Well:		•				
	et from the	NORTH	line and	The second s	<u> </u>	feet from the	WEST Line
nd level Elev.		ing Formation		Pool			Dedicated Acreage:
3826.5		ddock		Louine		addock	40 Acres
L. Outline th	s acreage dedica	ted to the subject	well by colored p	encil or hachure mari	ts on the plat b	ciow.	
2. If more th	RE cos lease is d	edicated to the w	eil, outline each as	d identify the owner	nhip thereof (ba	th as to working inte	rest and royalty).
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	an one lease of d		p is dedicated to ti	he well, have the inter	rest of all own	rs been consolidated	by communitization,
	es [answer is "yes" t	ype of consolidation	6	initized	, ,
If answer is				e actually been conso	bidated. (Use	reverse side of	
this form if a			all internets bases	have an and identical the			1-pooling, or otherwise)
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STATE OF NEW MEXICO STATE OF NEW MEXICO PONSERVENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT REC. OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

6-14-91

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

OIL CO)NSEF	RVAT	[ON DIV]	[SION
P. O.	вох	2088	3	
SANTA	FE,	NEW	MEXICO	87501

RE: Proposed:

MC			
DHC			
NSL	X		
NSP			
SWD		 	
WFX			
PMX [_]			

Gentlemen:

I have examined the application for the:

Corp., Lovington Paddock Unit # 108 F 31-16-37 Lease & Well No. Unit S-T-R Operator

and my recommendations are as follows:

Yours very truly, Jerry Sexton

Supervisor, District 1



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

Incorporated in Delaware, U.S.A.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. 2009 Lovington Paddock Lea County. New Mexico

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 109 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 109 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>DISTRICT 1</u> P.O. Box 1980, Hobbs, NM 88240		State of New Me ils and Natural Re SERVATIO P.O. Box 208	sour	ces Departm		API NO. (23	signed by OC	Form C-101 Revised 1-1- Don New Wells)	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410		anta Fe, New Mexico 87504-2088					Type of Lease SI & Gas Lease		EE []
APPLICATION FOR	PERMIT TO DR	ILL, DEEPEN, C	R P	LUG BACK	ł				
1a. Type of Work:						7. Lease Na	ume or Unit Ag	preement Name	
DRILL RE-ENTER DEEPEN PLUG BACK DEEPEN LOvington Paddock Unit									
2. Name of Operator						8. Well No.			
Greenhill Petroleum C	orporation	<u></u>				109			
3. Address of Operator						9. Pool name or Wildcat			
11490 Westheimer, Ste.	<u>, 200, Houst</u>	<u>on, TX 770</u>	<u>77</u>		'	Loving	ton Pad	dock	
4. Well Location Unit Lotter:25	40 Feet From The	North		Line and	2855	Feet	From The	West	Line
Section 31	Township 16	S Ran	ge j	37E	N	MPM Lea	L		County
		10. Proposed Depth 6600				mation addock		12. <u>Refary</u> or C.T	•
13. Elevations (Show whether DF, RT, GR	(ac.) 14. Kind J	k Status Plug. Bond	1	5. Drilling Cont			16. Aporox. I	ate Work will star	π
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		<u></u>			1		calipe		

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: # PROPOSAL IS TO DEEPEN OR HUG BACK, GIVE DATA ON PRESENT PRODUCTIVE 20NE AND PROPOSED NEW PRODUCTIVE 20NE. GIVE BLOWOUT PREVENTER PROGRAM, # ANY.

TILE

mus Land Manager-Permian Basin DATE 6-6-91

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

SIGNATURE herpe

TYPE OR PRINT NAME Michael J. Newport

TELEPHONE NO. 955-1146

DATE

(This space for State Use)

APPROVED BY ____

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropri District Office State Lase - 4 cor Fee Leses -3 copies

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

DISTRICT II P.O. Drawer DD, Artenia, NM \$\$210

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

State of New Mexico Energy, Minerals and Natural Resources Department

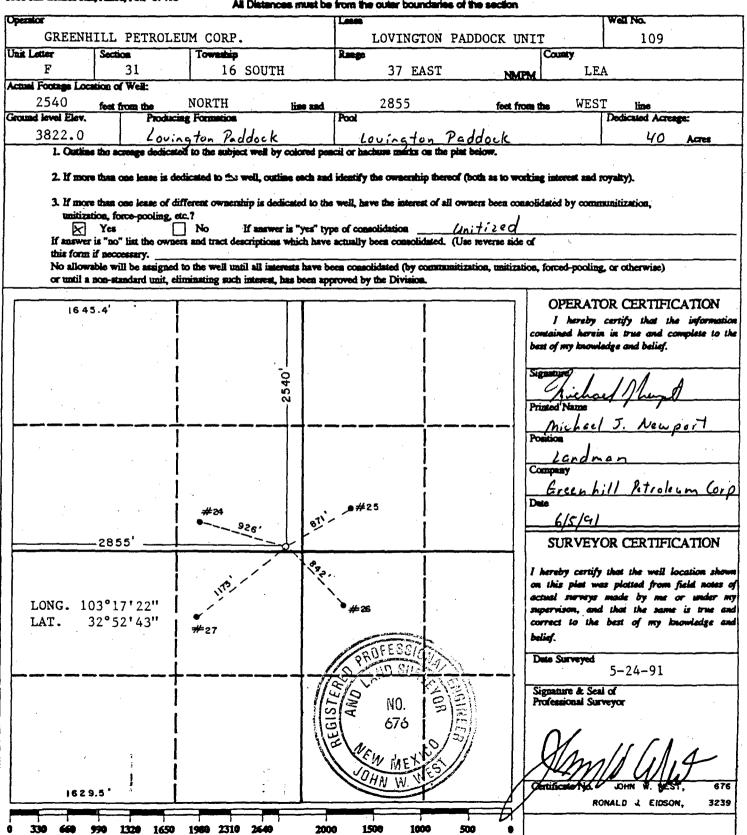
OIL CONSERVATION DIVISION

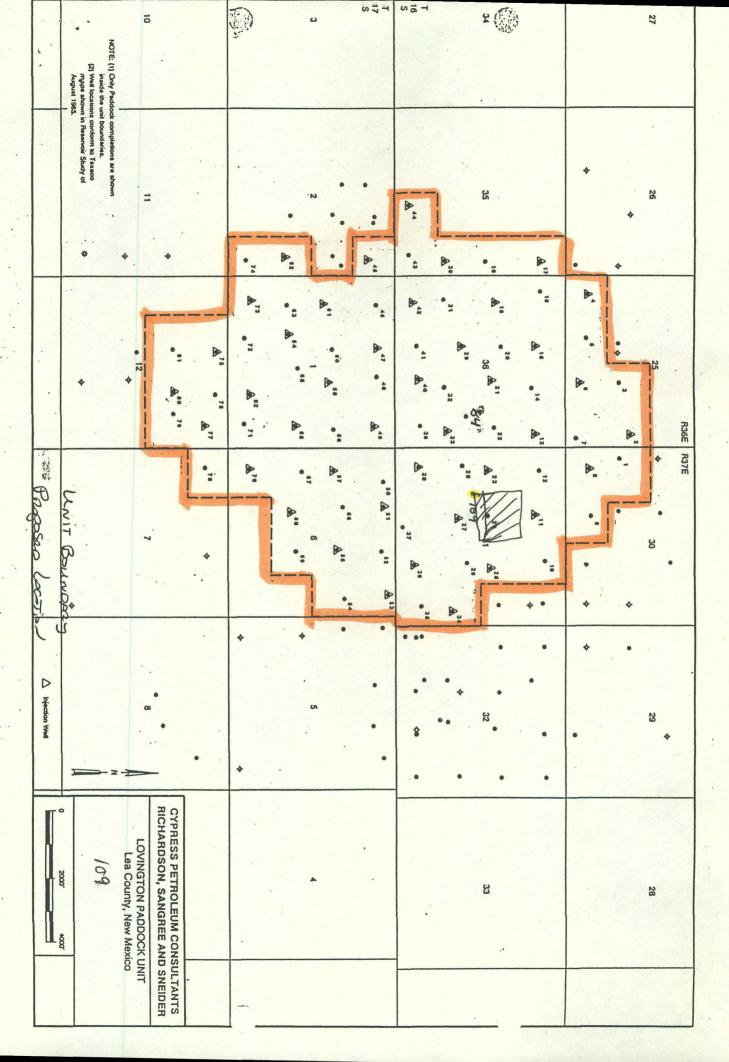
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section





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NUSION ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

STATE OF NEW MEXICO

6-14-91

· 91 JUN 17 (11)" BRUCE KING GOVERNOR

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

OIL CO	DNSEF	RVATI	[ON DIV]	ISION
P. O.	BOX	2088	3	
SANTA	FE,	NEW	MEXICO	87501

NM 10 35

RE: Proposed:

MC		
DHC		
NSL	X	
NSP		
SWD		
WFX		
PMX_		

Gentlemen:

I have examined the application for the:

Unit # <u>t#109-F</u> *31-16-37* addoc Operator

and my recommendations are as follows:

Youn's very truly Jerry Sexton

Supervisor, District 1



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

Incorporated in Delaware, U.S.A.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. Lovington Paddock Lea County. New Mexico

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 110 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 110 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Néwport Landman

Submit to Appropri District Office State Leses - 4 cor Fee Loss - 3 copi

Operator

Unit Letter

1530

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

DISTRICT II P.O. Drawer DD, Artesia, NM \$8210

DISTRICT III 1000 Rio Brazos Rd., Aztoc, NM \$7410

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102

Revised 1-1-89

P.O. Box 2088

Santa Fe, New Mexico 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT All Distances must be from the outer boundaries of the section Well No. GREENHILL PETROLEUM CORP. LOVINGTON PADDOCK UNIT 110 Section Township County Range 36 16 SOUTH 36 EAST LEA N NMPM Actual Footage Location of Well: 1220 SOUTH 1530 WEST feet from the line and feet from the line Ground level Elev. **Producing Formation** Pool **Dedicated Acreage:** 3831.8 Louinaton Paddock Louington Paddock 40 Acres 1. Outline the acreage dedicated to the subject well by colored peacil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? X Yes Unitized □ 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 neccessary. 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 stained herein in true and complete to the best of my knowledge and belief. Sign Printer Mir hae Position Greenhill Company Landm Date 6/5/91 SURVEYOR CERTIFICATION I hereby certify that the well location she on this plat was platted from field notes of #29 actual surveys made by me or mder 111 supervison, and that the same in-or 103°18'40" à LONG. correct to the best of my kn 32°52'28" LAT. belief. 00 ·⁷87 Date Surveyed Signature & Seal of Professional Surveyor # 42 Certif Caste No. JOHN W. WEST, 676 GARY L. JONES 7977 1650 1980 2310 1500 1000 500 2640 2000 8 660 990 1320

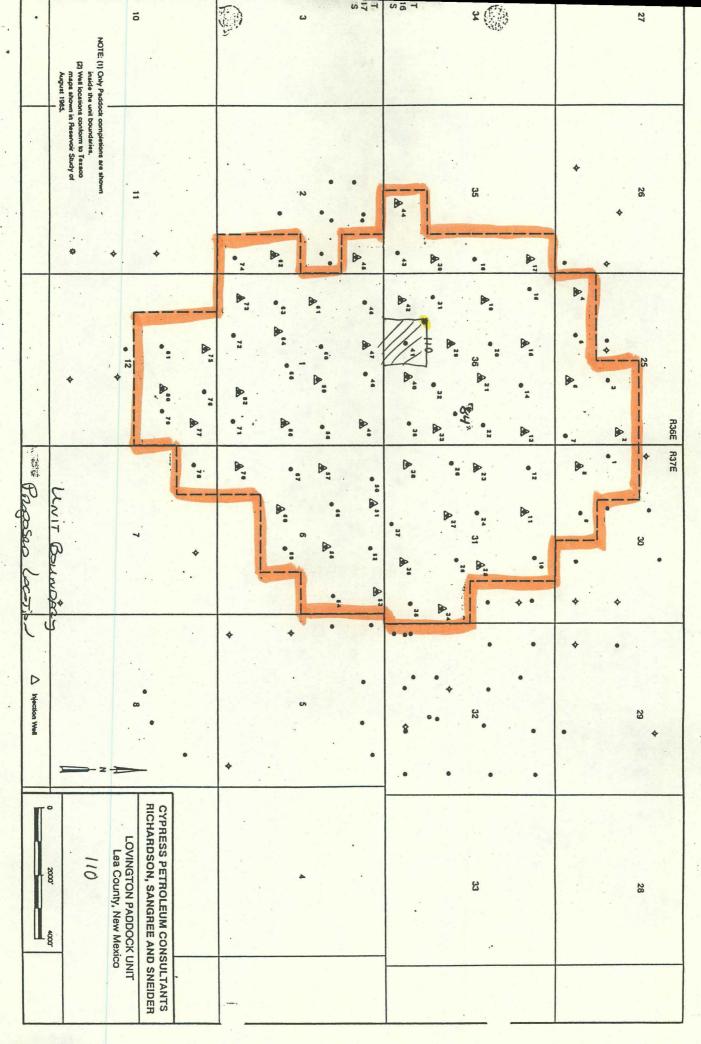
•		· · ·			1
Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies		State of New Me Minerals and Natural Re	sources Department		
<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NR	× 88240	CONSERVATIO P.O. Box 208	8	API NO. (assigned by OC	D on New Wells)
DISTRICT ^{II} P.O. Drawer DD, Artesia,		anta Fe, New Mexico	87504-2088		
DISTRICT III 1000 Rio Brazos Rd., Azte	ec, NM 87410	·		6. State Oil & Gas Lease	^{No.} B7766
APPLICA	TION FOR PERMIT 1	O DRILL, DEEPEN, C	R PLUG BACK	{//////////////////////////////////////	
1a. Type of Work:		<u>. </u>		7. Lease Name or Unit A	greement Name
DRIL b. Type of Well: OL GAS WELL XX WELL	L 🕅 RE-ENTER	DEEPEN SINGLE	PLUG BACK	Lovington Pade	lock Unit
2. Name of Operator Greenhill Petr	roleum Corporati	on		8. Well No. 110	
³ 11490 Westhein	ner, Ste., 200,	Houston, TX 770)77	9. Pool name or Wildcat Lovington Padd	ock
4. Well Location Unit Letter N	:1220 Foot Fr	rom The South	Line and1530	Feet From The	West Line
Section 36	Towns	hip 16S Ran	_{ge} 36E	NMPM Lea	County
		10. Proposed Depth		//////////////////////////////////////	12_Rotary or C.T.
		6600		Paddock	in the second of the second se
13. Elevations (Show wheth 3831	er DF, RT, GR, etc.)	4. Kind & Status Plug. Bond On file	15. Drilling Contractor TBD		Date Work will start
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the in SIGNATURE		/ · A	est of my knowledge and belief. TITLEL and	Manager-Permian	Basin DATE_	6-6-91
TYPE OR PRINT NAME	<u>Michael</u> J	. Newport			TELEPHC	жено. <u>955-1146</u>
(This space for State Use)				, ,		
APTROVED BY					DATE	

CONDITIONS OF APPROVAL, IF ANY:

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	ENERGY WIN RECOVED 31 JUN 17 AM 10 35 BRUCE KING GOVERNOR	STATE OF NEW MEXICO IERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE 6 - 14 - 91	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 NSL NSP	·	

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and my recommendations are as follows:

I have examined the application for the:

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t. Corp. Lovengton Pallack Unit #110- N 36-16-36 Lease & Well No. Unit S-T-R

Yours very truly, Jerry Sexton

Supervisor, District 1

SWD WFX PMX

Greenfill P.

Gentlemen:

Operator



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

Incorporated in Delaware, U.S.A.

June 6, 1991

J.

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. Lovington Paddock Lea County. New Mexico

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 111 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 111 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

Subcast to Appropri District Office State Lease - 4 co Pos Losso - 3 gunies

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DISTRICT I P.O. Box 1980, Hobbs, ND4 88240

DISTRICT I P.O. Deswer DD, Artesia, NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department

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Form C-102

Revised 1-1-29

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088 DISTRICT III WELL LOCATION AND ACREAGE DEDICATION PLAT 1000 Rio Brazos Rd., Aztec, NM \$7410 All Distances must be from the outer boundaries of the section. Operator Well No. LOVINGTON PADDOCK UNIT 111 GREENHILL PETROLEUM CORP. Unit Letter Section Township Ranes County 36 EAST LEA 0 36 16 SOUTH NMPM Actual Footage Location of Well: 1260 SOUTH 2585 EAST feet from the feet from the line and line Ground level Elev. Pool Dedicated Acreage: Producing Formation Louington Paddock Louington Paddock 3823.5 46 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hackure 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 royality). 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.? Unitized □ № R Yes 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 neccessary. 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 tained herein in true and complete to the best of my knowledge and belief. Sig Printed Nam Mic Position Landm Сопреду Green Petroleum Corp hill Date 615/91 SURVEYOR CERTIFICATION LONG. 103°18'26" I hereby certify that the well location she 32°52'29" on this plat was plotted from field notes of LAT. actual survey m te by me or under INTY supervison, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed . . . 3977 35 5-21-91 2585 Signature & Seal of 13)-Professional Surveyor Certificate No. W. WEST. DHN 676 . GARY L JONES 7977

1500

2000

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Submit to Appropriate District Office State Lease - 6 copies Foe Lease - 5 copies		State of New Me Minerals and Natural Re	esources Department		Forma C-101 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NA	1 88240	CONSERVATIC P.O. Box 208	38	API NO. (assigned by O	CD on New Wells)
DISTRICT II P.O. Drawer DD, Artesia, I		anta Fe, New Mexico	87304-2088		
DISTRICT III 1000 Rio Brazos Rd., Azte	c, NM 87410			6. State Oil & Gas Lean	^{æ No.} B7845
APPLICAT	TION FOR PERMIT T	O DRILL, DEEPEN, C	OR PLUG BACK		
12. Type of Work:				7. Lease Name or Unit.	Agreement Name
DRIL	L 🚺 RE-ENTER	DEEPEN	PLUG BACK	,	
b. Type of Well: OIL XX GAS WELL WELL	 OTHER	SINGLE	ZONE	Lovington Pade	dock Unit
2. Name of Operator Greenhill Petr	roleum Corporati	on		8. Well No. 111	
3. Address of Operator 11490 Westhein	ner, Ste., 200,	Houston, TX 77	077	9. Pool name or Wildcan Lovington Pad	
4. Well Location Unit Letter 0	: <u>1260</u> Feet Fr	om The South	Line and 2585	Feet From The	East Line
Section 36	Townst	nip 16 S Rar	nge 36 E	мрм Lea	County
		10. Proposed Depth		Ormation	12. Rotary or C.T.
		6600		addock	Landay of C.I.
13. Elevations (Show whether	er DF. RT. GR. etc.)	4. Kind & Status Plug. Bond	15. Drilling Contractor		Date Work will start
3823		on file	TBD		
17.	PR	OPOSED CASING AN	ID CEMENT PROGR	RAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24	2050	900	Surface
7 7/8	5 1/2	15.5	6600	to be determine	ed Surface
				by fluid calip	er

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE 20NE AND PROPOSED NEW PRODUCTIVE 20NE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

TITLE

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

SIGNATURE

mare Land Manager-Permian Basin Date 6-6-91

TYPE OR FRINT NAME Michael J. Newport

TELEPHONE NO. 955-1146

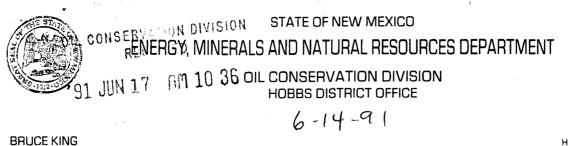
DATE

(This space for State Use)

APPROVED BY_

CONDITIONS OF APPROVAL, IF ANY:

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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:

GOVERNOR

MC			
DHC		 	
NSL	X		
NSP			
SWD			
WFX			
PMX		 	_

Gentlemen:

OK

I have examined the application for the:

Lovington Paddack Unit #111-0-36-16-36 ease & Well No. Unit S-T-R arpl. Operator

and my recommendations are as follows:

Yours very truly, Jerry Sekton

Jerry Sexton Supervisor, District 1



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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. (1997) Lovington Paddock Lea County. New Mexico

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 112 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 112 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

.: . . NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102 Supervedes C-128

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12000		· · · · · · · · · · · · · · · · · · ·	Lee					Well No.	
GREEN	HILL PETROL	EUM CORP.		LOVINGT	ON PAD	DOCK UNIT		112	
Letter	Section	Township		Range		County		1	
K	31	16 S	OUTH	37 EA	ST	LEA			
al Foologe Lo	cation of Well:								
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ind Lyvei Elev.			, Poo				Dedicat	ed Acreages	
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2. If more the interest a	he acreage ded han one lease nd royalty).	is dedicated to	o the well, or	utline each an	d identi	ify the owners	hip thereof (both as to w	
dated by o T Yes If answer this form i No allowal	an one lease of communitization No If is "no," list th if necessary.) ble will be assi- ling, or otherwise	, unitization, fo answer is "yes the owners and t gned to the well	rce-pooling. ;" type of co ract descripti until all inte	etc? nsolidation _ fons which ha erests have be	ve actu	ani tized ally been cons solidated (by	solidated. (U communitiza	se reverse s	aide of ation,
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Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies		State of New Me Minerals and Natural Re	esources Department		Form C-101 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NI	M 88240	P.O. Box 208	38	API NO. (assigned by O	CD on New Wells)
DISTRICT II P.O. Drawer DD, Artesia,		anta Fe, New Mexico	87504-2088	5. Indicate Type of Lea	
DISTRICT III 1000 Rio Brazos Rd., Azza	x, NM 87410			6. State Oil & Gas Lean	^{ee No.} B1505
APPLICA	TION FOR PERMIT T	O DRILL, DEEPEN, C	OR PLUG BACK		
1a. Type of Work:				7. Lease Name or Unit.	Agreement Name
DRIL b. Type of Weil: OIL GAS WELL WELL	L X RE-ENTER	DEEPEN SINGLE	PLUG BACK	Lovington Pad	dock Unit
2. Name of Operator Greenhill Petr	roleum Corporati	on	······································	8. Weil No. 112	
3. Address of Operator	mer, Ste., 200,	Houston TV 77	077	9. Pool name or Wildcan	
4. Well Location Unit Letter K		om The South	Line and 272	Lovington Pac D Feet From The L	
Section 31	Towns	nip 16S Rar	age 37E	NMPM Lea	County
		10. Proposed Depth		Formation	12. Rotary or C.T.
		6600		Paddock	
13. Elevations (Show wheth	er DF, RT, GR, etc.) 1	4. Kind & Status Plug. Bond	15. Drilling Contract	ж 16. Арргох	Date Work will san
3815	l	on file	TBD		
17.	PR	OPOSED CASING AN	ID CEMENT PROC	RAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	. 24	2050	900	Surface
7 7/8	5 1/2	15.5	6600	to be determin	
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: # PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE 20NE AND PROPOSED NEW PRODUCTIVE 20NE. GIVE BLOWOUT PREVENTER PROGRAM, # ANY.

I hereby certify that the information above is true and complete to the best of my knowledg	te and belief.
I hereby certify that the information above is true and complete to the best of my knowledges	THE Land Manager-Permian Basin Date 6-6-91
TYPE OR PRINT NAME Michael J. Newport	TELEPHONE NO. 955-1146_

TITLE

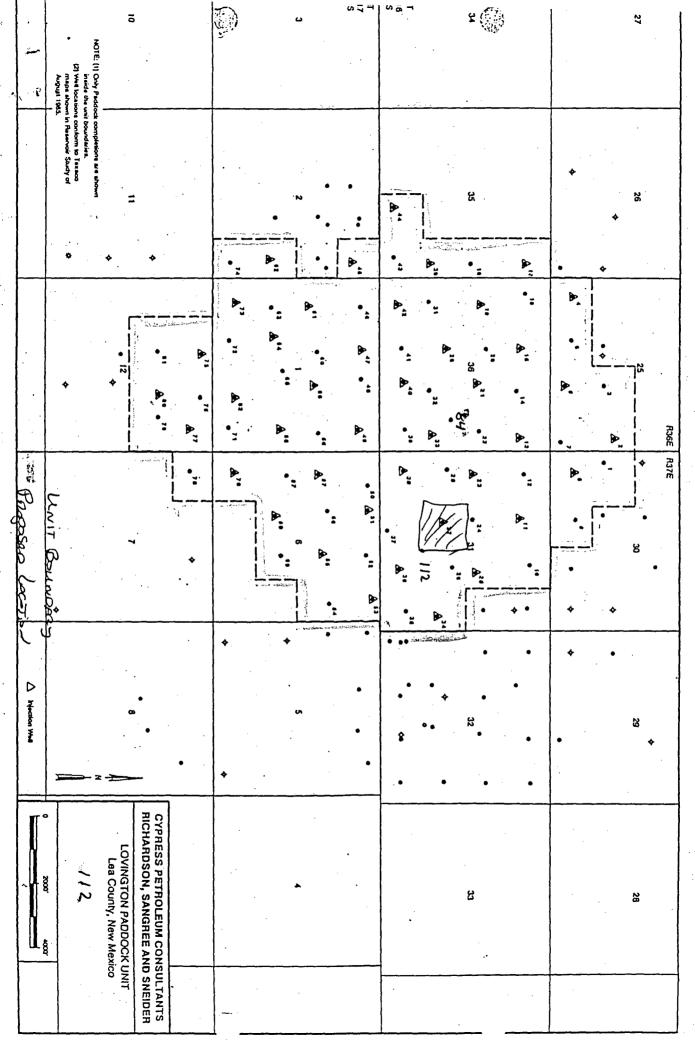
DATE

(This space for State Use)

APPROVED BY

. ,

CONDITIONS OF APPROVAL, IF ANY:



STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

0 RM 10 36 ·91 JUN 17

BRUCE KING

GOVERNOR

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

6-14-91

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

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

ED

RE: Proposed:

MC	
DHC	
NSL X	·
NSP	
SWD	
WFX	
PMX	

Gentlemen:

I have examined the application for the:

Lovington Paddock Unit #112-K 31-16-37 ease & Well No. Unit S-T-R Operator

and my recommendations are as follows:

Yours very truly

Jerry Sexton Supervisor, District 1



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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. And Drilling Permit Lovington Paddock Lea County. New Mexico

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 114 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 114 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

MJN:JB Enclosures Submit to Appropriate District Office State Lease - 4 cor Fee Lease - 3 cope -

Operator

Unit Letter

N

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

DISTRICT II P.O. Drawer DD, Artenia, NM \$8210

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

Actual Footage Location of Well:

150

3835.0

Ground level Elev.

Section

feet from the

36

State of New Mexico Energy, Minerals and Natural Resources Department

· ·

27,500

1.6. 5.

P.O. Box 2088

Santa Fe. New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

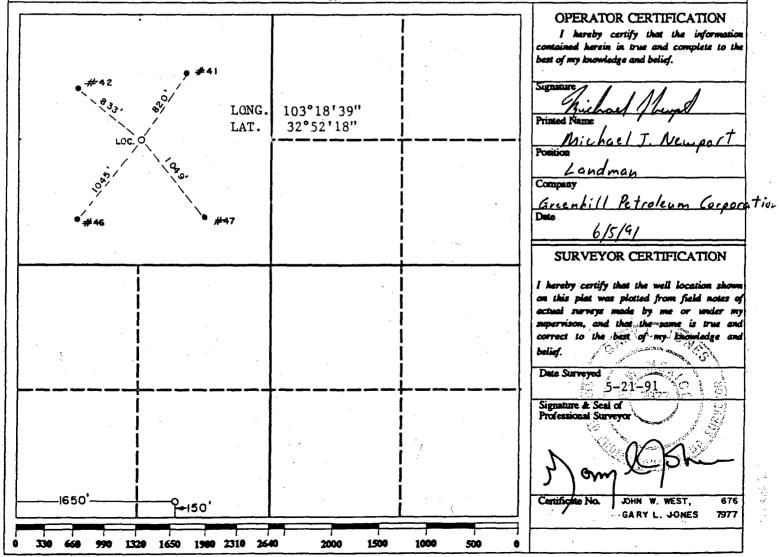
All Distances must be from the outer boundaries of the section Weil No. LOVINGTON PADDOCK UNIT GREENHILL PETROLEUM CORP. Range County Town 16 SOUTH 36 EAST LEA NMPM WEST 1650 SOUTH feet from the line and **Producing Formation** Pool Dedicated Acreage: Paddock Paddock Louing ton Louing ton 1. Outlins the acreage dedicated to the subject well by colored peacil or hachuse 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.?

 \square Yes No 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 neccessary.

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.



Form C-102 Revised 1-1-89

114

line

40

Acres

			· · · · · · · · · · · · · · · · · · ·		×
Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies		State of New Me Minerals and Natural Re CONSERVATIO	sources Department		Form C-101 Revised 1-1-89
<u>DISTRICT I</u> P.O. Box 1980, Hobb s, N I	1 88240	P.O. Box 208	38	API NO. (assigned by OC	Dog New Wells)
DISTRICT II P.O. Drawer DD, Artesia,		Santa Fe, New Mexico	87304-2088	5. Indicate Type of Lease S	
DISTRICT III 1000 Rio Brazos Rd., Azte	xc, NM 87410			6. State Oil & Gas Lease	^{№.} B7766
APPLICA	TION FOR PERMIT	TO DRILL, DEEPEN, C	OR PLUG BACK		
12. Type of Work:	· · · · · · · · · · · · · · · · · · ·	, <u> </u>		7. Lease Name or Unit A	greement Name
DRIL b. Type of Well: OL GAS WELL X WELL	L XX RE-ENTER	DEEPEN SINCLE	PLUG BACK	Lovington PAd	dock Unit
2. Name of Operator Greenhill Petr	roleum Corporat	ion	· · ·	8. Well No. 114	
^{3.} 11490' Westhein	ner, Ste., 200,	Houston, TX 77	077	9. Pool name or Wildcat Lovington Paddo	ock
4. Well Location Unit Letter N	: <u>150</u> Feet F	rom The <u>South</u>	Line and1650	Feet From The	est Line
Section 36	Точт	tup 16S Rar	18e 36E 1	MPM Lea	County
\/////////////////////////////////////					
		10. Proposed Depth 6600		ormation Paddock	12_Rotary or C.T.
13. Elevations (Show wheth 3835	er DF, RT, GR, eic.)	4. Kind & Status Plug. Bond On file	15. Drilling Contractor TBD	16. Approx.	Dale Work will start
17.	PF	OPOSED CASING AN		AM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	25	2050	900	Surface
7 7/8	5 1/2	15.5	6600	to be determin	ed <u>Surface</u>
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PR

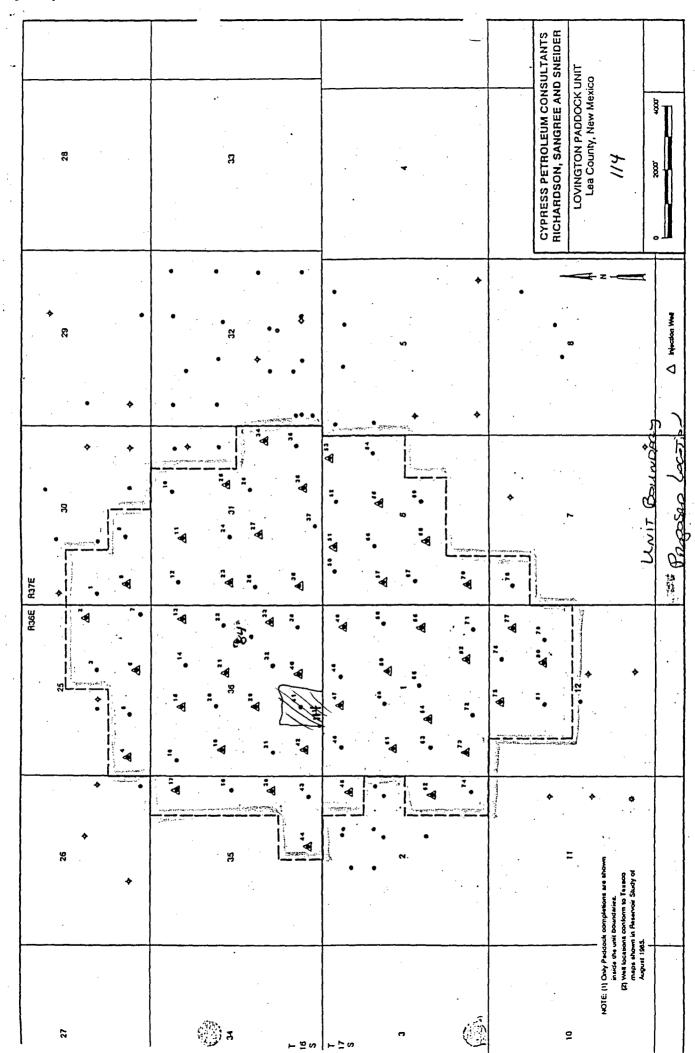
I hereby certify that the information above is true and complete to the best of my knowledge SKGNATURE	e and belief. mm.m.m.a.L.and Manager-Permian Basin Date 6-6-91
TYPE OR PRINT NAME Michael J. Newport	ТЕЛЕРНОМЕ НО. 955-1146
(This space for State Use)	

TITLE

DATE _

APPROVED BY __

CONDITIONS OF APPROVAL, IF ANY:



CONSERVICE DIVISION STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT 91 JUN 17 GM 10 36 DIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

6-14-91

POST OFFICE BOX 1980

HOBBS, NEW MEXICO 88241-1980

(505) 393-6161

BRUCE KING GOVERNOR

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

RE: Proposed:

MC			
DHC			
NSL ⁻	X		
NSP ⁻	1		
SWD	••••••••••••••••••••••••••••••••••••••		
WFX			 ·
PMX ⁻		·····	

Gentlemen:

12

I have examined the application for the:

Lovington Paddock Unit # 114 - N 36-16-36 ease & Well No. Unit S-T-R Lill Let

and my recommendations are as follows:

Yours very truly, Sexton Jerry, Supervisor, District 1



, D.

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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. 15 Lovington Paddock Lea County. New Mexico

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 115 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 115 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

MJN:JB Enclosures

Submit to Appropriate District Office State Lease – 6 copies	Energy	State of New Me , Minerals and Natural Re			Form C-101 Revised 1-1-89
Fee Lease - 5_copies DISTRICT I P.O. Bax 1980, Hobbs, NM	1 88240	CONSERVATIO P.O. Box 208	38	API NO. (assigned by O	CD on New Wells)
DISTRICT II P.O. Drawer DD, Artesia, I		Santa Fe, New Mexico	87504-2088		
DISTRICT III 1000 Rio Brazos Rd., Azte	c, NM 87410			6. State Oil & Gas Leas	^{e No.} B7845
APPLICAT	TION FOR PERMIT	TO DRILL, DEEPEN, C	OR PLUG BACK		
1a. Type of Work:				7. Lease Name or Unit A	Agreement Name
DRILL b. Type of Well: OIL OAS WELL D WELL	L 🗶 RE-ENTE	R DEEPEN SINGLE	PLUG BACK	Lovington Pado	lock Unit
2. Name of Operator Greenhill Petro	leum Corporati	on	· · · · · · · · · · · · · · · · · · ·	8. Well No. 115	
3. Address of Operator 11490 Westheime	er, Ste., 200,	Houston, TX 770	77	9. Pool name or Wildcar Lovington Padd	lock
4. Well Location Unit Letter 0	: 2560 Feet 1	From The East	Line and 145	Feet From The	South Line
Section 3	6 Town	ship 16S Rar	1ge 36E	MPM Lea	County
\/////////////////////////////////////		10. Proposed Depth		 omation	12_ <u>Rotary</u> or C.T.
\//////////////////////////////////////		6600		ddock	
13. Elevations (Show whethe	er DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor		Date Work will start
3833		on file	TBD		
17.	Pf	ROPOSED CASING AN		AM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24	2050	900	Surface
7 7/8	5 1/2	15.5	6600	to be détermin	
		<u>.</u>		by fluid calip	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: # PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, # ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. Inte Land Manager-Permian Basin Date 6-6-91 SIGNATURE (M 40 TYPE OR PRINT NAME Michael J. Newport TELEPHONE NO. 955-1146

TITLE

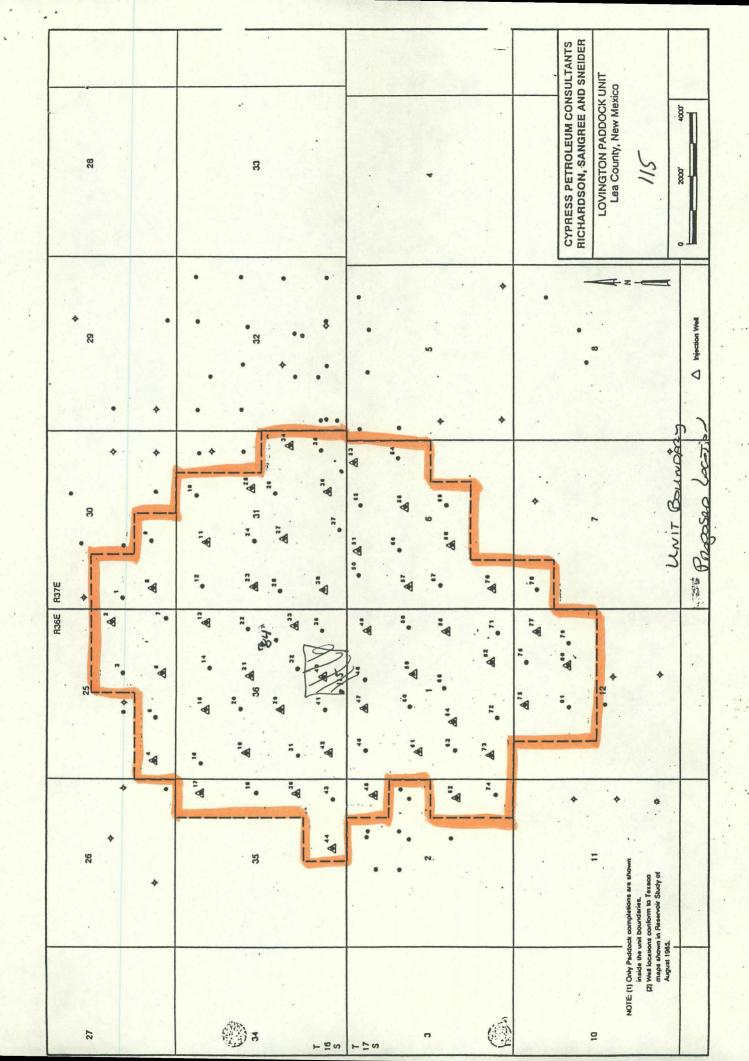
DATE

(This space for State Use)

APPROVED BY

• • •

CONDITIONS OF AFTROVAL, IF ANY:



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

126630

DISTRICT I P.O. Box 1980, Hobbs, NM \$8240

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

DISTRICT III 1000 Rio Brazos Rd., Aztoc, NM \$7410

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION and the second

P.O. Box 2088

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2

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

as must be from the ruler branchales of the continu

alor .			Loase	<u> </u>			Well No.
	PETROLEUM CORP.			NGTON PA	DDOCK U	NIT	115
C Section	36 Toweship	SOUTH	Range 36	EAST		County	LEA
al Footage Location of W		500111			NMP	MI	
2560 feet from	TACT	line and	145		fect fro	m the SOUT	
ad level Elev.	Producing Formation		Pool				Dedicated Acreage:
3833.6	Paddock		Louing		addock		40 Acres
1. Outline the acres	ge dedicated to the subject we	ell by colored peak	cil or hachure his	rks on the plat	below.		
2. If more than one	lease is dedicated to the well,	, outline each and	identify the own	emhip thereof (both as to wor	king interest and	royalty).
3. If more than one	lease of different ownership i	s dedicated to the	well, have the in	terest of all ow	men been con	olidated by comr	munitization.
unitization, force-	pooling, etc.?					1	······································
X Yes If answer is "no" list	No If an t the owners and tract descrip	nswer is "yes" typ tions which have a			<u>Unitize</u> E reverse side		
this form if neccessa	ury				· · · · · · · · · · · · · · · · · · ·	·	
	e assigned to the well until all and unit, eliminating such inte				ation, unitizati	on, forced-pooling	g, or otherwise)
	and and consumming area into	ood ane ocon epp					
							OR CERTIFICATION
	1029101261					•	certify that the informa n in true and complete to
LONG. LAT.	103°18'26" 32°52'18"		# 41	_#	40	best of my know	
LAL	JL JL 10		e 11	ب ۲	40	Signature, /	
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i	و کلین میرود خربین وانده جربین خانب بیبیا	4	`~⁄	LOC.		Michae	1 J. Newport
			· · / `	\ .0		Position	
1	,		÷/	133		<u>Landn</u> Company	an
		1	80	N,			Petroleum Corp
			¥470	`●#48		Date	remoleum corp
j		1	F4(W				
1						SURVEY	OR CERTIFICATION
		1					
							that the well location sh so plotted from field notes
						actual surveys	made by me or under
			1		·. ·		l that the same is true best of my knowledge
· · · · · · · · · · · · · · · · · · ·		1				belief.	was of my mountailse
						Date Surveyed	A TON
	ه دکت میده محمد بزیرده هیرن رکه بیر	↓	<u>i</u>				5-21-91
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		n	l`_			L	GARY L. JONES 79
		F -		1000 5	00 9		



OILENERGY MINERALS AND NATURAL RESOURCES DEPARTMENT

'91 JUN 17 AM DO BONSERVATION DIVISION . HOBBS DISTRICT OFFICE

6-14-91

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

OIL CO	DNSEF	RVAT	[ON DIV]	ISION
P. O.	BOX	2088	3	
SANTA	FE,	NEW	MEXICO	87501

RE: Proposed:

MC			
DHC			
NSL	X		
NSP			
SWD		<u></u>	
WFX			
PMX_	· · · · · · · · · · · · · · · · · · ·		

Gentlemen:

I have examined the application for the:

addack Unit # 115-0 36-16-36 Operator

and my recommendations are as follows:

Yours very truly Jerry-Sexton

Supervisor, District 1



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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. Lovington Paddock Lea County. New Mexico

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 116 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 116 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Néwport Landman

MJN:JB Enclosures

Submit to Appropria District Office State Lease -4 cor Fee Lense - 3 copi

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

DISTRICT I

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Tes.

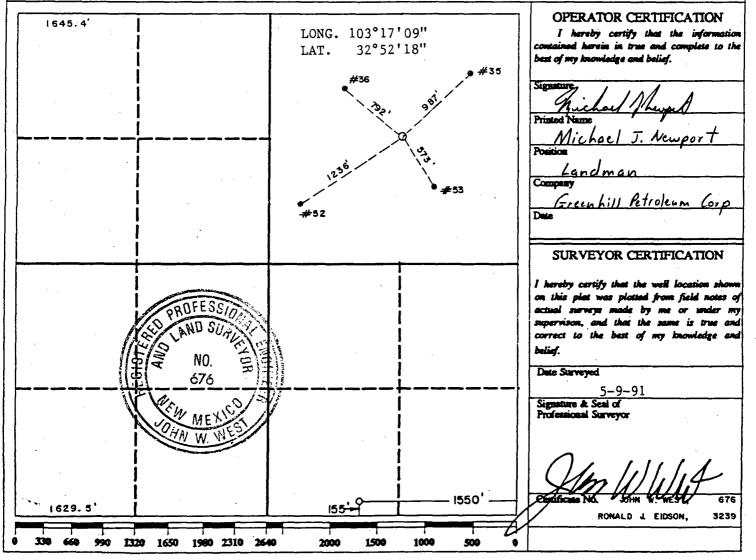
P.O. Dermer DD, A	namin, NM .88210)·	- `	,			
DISTRICT III 1000 Rio Brazos Rd	L, Aziec, NM 874	410		ND ACREAGE DEDIC			
Operator				Lanas			Well No.
GREEN	NHILL PETH	ROLEUM COR	P.	LOVINGTON PADE	OCK UNIT		116
Unit Letter	Section	Township	······································	Range	}·	County:	<u></u>
0	31	_	16 SOUTH	37 EAST	NMPM	LH	A
Actual Footage Loc	ation of Weil:						
155	feet from the	SOUTH	line and	1550	feet from th	EAST	line
Ground level Elev.	Proc	lucing Formation		Pool			Dedicated Acreage:
3807.0	1. 7	Paddock		Louington	Paddock	-	40 A
1. Outlin			ct well by colored pe	scil or backups marks on the pl	at below.		
2 If more	e than one losse is	dedicated to the	will cutling each and	i identify the cumombin thereof	((both as to working	interest and	mestry)

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.? Unitized

A 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 neccessary.

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.



15630

Submit to Appropriate District Office State Lease – 6 copies Fee Lease – 5 copies		State of New Me Minerals and Natural Re	sources Department		Form C-101 Revised 1-1-89	
<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM	A' 88240	CONSERVATIO P.O. Box 208	8	API NO. (assigned by OC	D on New Wells)	
<u>DISTRICT⁷II</u> P.O. Drawer DD, Artesia, I		anta Fe, New Mexico	87504-2088			
DISTRICT III 1000 Rio Brazos Rd., Azte	c, NM 87410		t ·	6. State Oil & Gas Lease B7896	: No.	
APPLICAT	TION FOR PERMIT	TO DRILL, DEEPEN, C	R PLUG BACK			
1a. Type of Work:				7. Lease Name or Unit A	greement Name	
DRIL	L Y RE-ENTER	DEEPEN	PLUG BACK		1	
b. Type of Well: OIL WELL XX WELL	OTHER	SINGLE ZONE		Lovington Padd	ock Unit	
2. Name of Operator				8. Well No.		
Greenhill Petr	<u>oleum Corporati</u>	116				
3. Address of Operator				9. Pool name or Wildcat		
11490 Westheim	<u>er, Ste., 200,</u>	Houston, TX 770	77	Lovington Pa	ddock	
4. Well Location Unit Letter <u>0</u> : <u>155</u> Feet From The <u>South</u> Line and <u>1550</u> Feet From The <u>East</u> Line					East Line	
Section 31	Towns	hip 16S Ran	se <u>37E</u> ≀	MPM Lea	County	
		10. Proposed Depth	1	ormation	12_Rotary or C.T.	
		4. Kind & Status Plug, Bond	15. Drilling Contractor	Paddock	Date Work will start	
13. Elevations (Show whether 3807	<i>IF DF</i> , <i>KI</i> , <i>GR</i> , <i>EG</i> .)	on file	TBD	Ic. Approx.	Date work will start	
17.	PR	OPOSED CASING AN		AM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP	
12 1/4	8 5/8	24	2050	900	Surface	
7 7/8	5 1/2	15.5	6600	to be determin		
				y fluid calipe	T	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: P PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, F ANY.

TILE

I hereby certify that the information above is trust and complete to the best of n	ny knowledge and belief.
I hereby certify that the jor ormajon above is true and complete to the best of m SIGNATURE	mma Land Manager-Permian Basin DATE6-6-91

TYPE OR FRINT NAME Michael J. Newport

TELEPHONE NO. 955-1146

DATE

(This space for State Use)

APPROVED BY ____

CONDITIONS OF AFTROVAL, IF ANY:

	ason of the second second	•
0 2000 * 4000	NOTE: (1) Civy Paddock completions are shown inside the unit boundaries. (2) Well locations conform to Pasanoir Study of the service St	NOTE: (1) On [2] We Au
LOVINGTON PADDOCK UNIT Lea County, New Mexico		10
CYPRESS PETROLEUM CONSULTANTS RICHARDSON, SANGREE AND SNEIDER	* • •	
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	R36E R37E	

BRUCE KING GOVERNOR

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

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

RE: Proposed:

MC		
DHC		
NSL	X	. <u></u>
NSP		
SWD		
WFX		
PMX		

Gentlemen:

I have examined the application for the:

dock Unit # 116-0 31-16-37

and my recommendations are as follows:

Yours_very truly. Jerry Sexton

Supervisor, District 1

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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. Lovington Paddock Lea County. New Mexico

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 118 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 118 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 you earliest convenience.

Respectfully yours,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

MJN:JB Enclosures

¥		$\gamma_{\rm eff} = T_{\rm A}$			
⁶ Submit to Appropriate District Office State Lease - 6 copies For Lease - 5 copies	Energy,	State of New Me Minerals and Natural Re		·	Form C-101 Revised 1-1-59
DISTRICT I P.O. Box 1980, Hobbe, NA	1 88240	P.O. Box 208	38	API NO. (assigned by OC	D og New Wells)
DISTRICT II P.O. Drawer DD, Artesia, I		anta Fe, New Mexico	87504-2088		
DISTRICT III 1000 Rio Brazos Rd., Azte	c, NM 87410			6. State Oil & Gas Lease	^{№.} B2359
APPLICAT	TION FOR PERMIT T	O DRILL, DEEPEN, C	OR PLUG BACK		
12. Type of Work:		······································		7. Lease Name or Unit A	greement Name
DRILL b. Type of Well: OL OAS WELL X WELL	L 🗶 RE-ENTER	DEEPEN SINGLE	PLUG BACK	Lovington Pad	dock Unit
2 Name of Operator Greenhill Petro	oleum Corporati	on		8. Well No. 118	
3. Address of Operator 11490 Westheim	er, Ste., 200, I	Houston, TX 770)77	9. Pool name or Wildcau Lovington Padde	ock
4. Well Location Unit Letter A		om The North	Line and1280		East Line
Section 1	Towns	up 17S Rar	18e 36E	NMPM Lea	County
		10. Proposed Depth		Formation	12. Boary or C.T.
		6600		Paddock	
13. Elevations (Show whether 3828.6		4. Kind & Status Plug. Bond On file	15. Drilling Contracto TBD		Date Work will start
17.		OPOSED CASING AN		RAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24#	2050	900 sxs	Surface
7 7/8	5 1/2	15.5#	6600	to be determine	
L				by fluid calipe	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM:	IF PROFOSAL 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 cartify that the information above is true and complete to the best of any SKONATURE	y theoretical and belief. THE Land Manager-Permian Basin DATE 6-6-91
TITE OR FRENT MANSE Michael J. Newport	TELEFHONE NO955-1146
(This space for State Use)	

TILE

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DATE

APPROVED BY

CONDITIONS OF APPROVAL, # ANY:

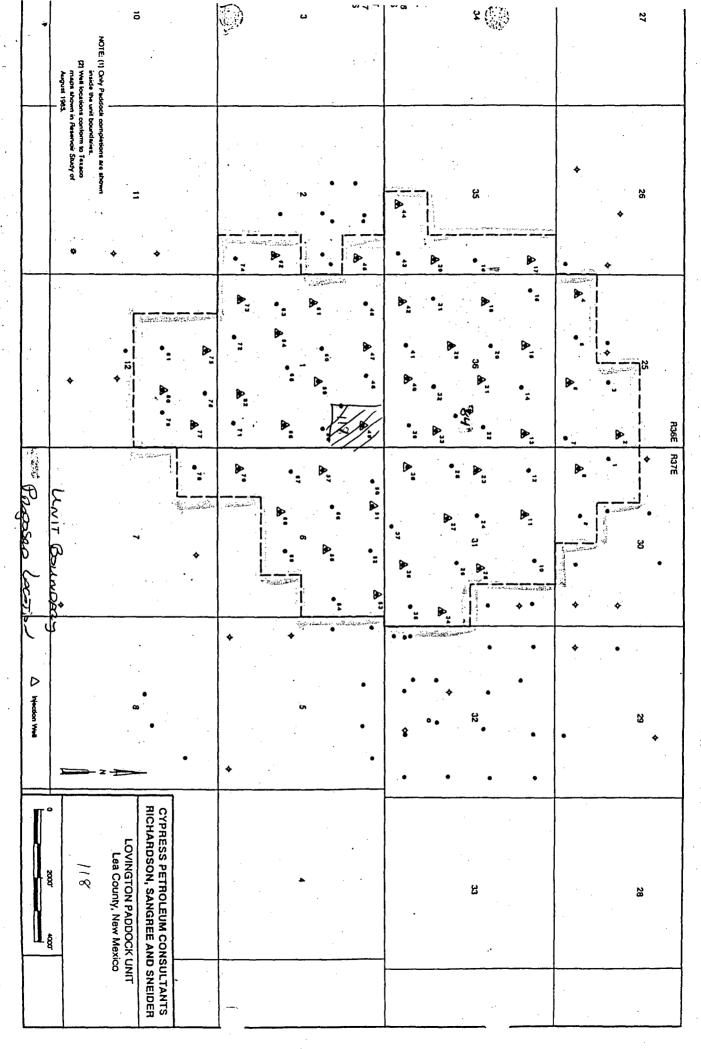
GREENHILL PETROLEUM CORPORATION BOP PROGRAM FOR LOVINGTON PADDOCK WELL # 118

Casin	ng Program			BOP Program			
Size	Depth	Wt	- Grade	Configuration	Test Pressure		
8 5/8″	20501	24	H40, STC	RA	200 psi		
5 1/2″	6600 '	15.5	K55, STC	RR	250/1500 psi		

* RR - Ram Ram

RA - Ram Annular

Diverter - Hydrill may be substituted for a diverter



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330

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1320

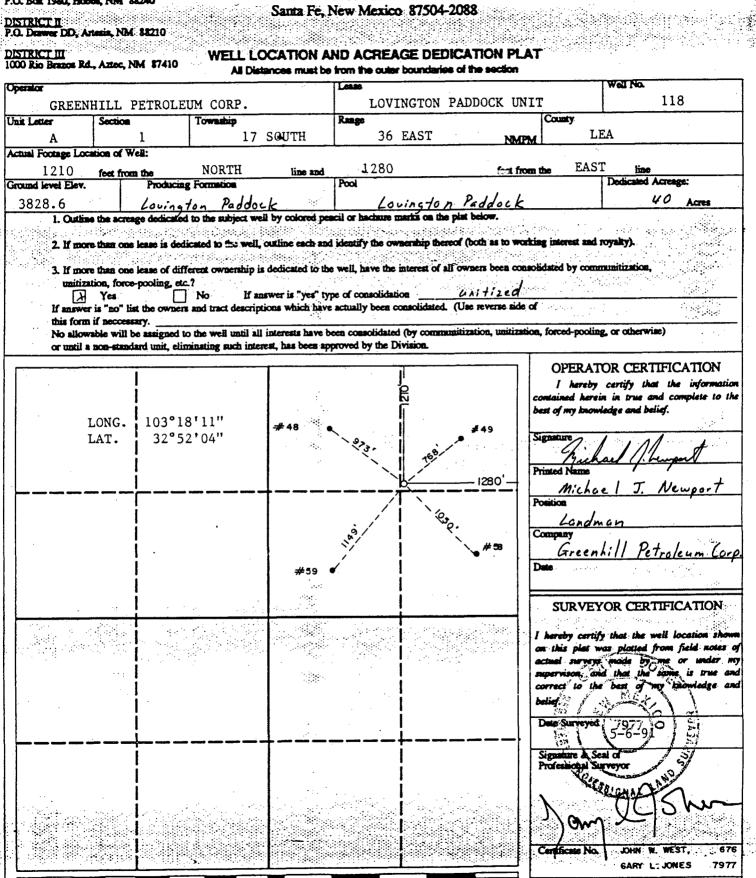
DISTRICT I P.O. Box 1980, Hobbs, NM 82240

State of New Mexico ergy, Minerals and Natural Resources Departn

Form C-102 Revised 1.1.89

OIL CONSERVATION DIVISION

P.O. Box 2088



1980 2310 2640

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STATE OF NEW MEXICO



UN 14 ENERGS, MARERALS AND NATURAL RESOURCES DEPARTMENT

HOBBS DISTRICT OFFICE

6-10-91

POST OFFICE BOX 1980

HOBBS, NEW MEXICO 88241-1980

(505) 393-6161

BRUCE KING GOVERNOR

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

RE: Proposed:

MC		
DHC		
NSL	X	
NSP		
SWD		
WFX		
PMX [_]		

Gentlemen:

I have examined the application for the:

addeck Unit #1 Operator 1-17-36

and my recommendations are as follows:

Yours very truly Jerry Sexton

Supervisor, District 1



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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. 1200 Lovington Paddock Lea County. New Mexico

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 120 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 120 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

MJN:JB Enclosures

• •						
Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies	u :	State of New Me Minerals and Natural Re	sources Departme			Form C-101 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM	1 88240	CONSERVATIO P.O. Box 208	8	N API N	O. (assigned by OC	D oa New Wells)
DISTRICT ^{II} P.O. Drawer DD, Artesia, I		anta Fe, New Mexico	87304-2088			TATE FEE X
DISTRICT III 1000 Rio Brazos Rd., Azte	c, NM 87410			6. SL	ate Oil & Gas Lease	No.
APPLICAT	TION FOR PERMIT	O DRILL, DEEPEN, C	R PLUG BACK			
12. Type of Work:			<u></u>	7. Le	ase Name or Unit A	greement Name
DRILL b. Type of Well: OIL WELL XX WELL	XX RE-ENTER	DEEPEN SINGLE	PLUG BACK	Lov	ington Pado	lock Unit
2. Name of Operator				8. W	ell No.	
Greenhill Pet	troleum Corpora	tion			20	
3. Address of Operator				9. Po	ol name or Wildcat	
11490 Westhe	<u>imer, Ste., 200</u>	<u>, Houston, TX 7</u>	7077	Lov	ington Pado	lock
4. Well Location Unit Letter D		om The <u>North</u>	Line and	40	Feet From The	West Line
Section 6	Towns	hip 17S Ran	8€37E	NMPM	l.ea	County
				11. Formation		
		10. Proposed Depth 6600	·····	PADDO	1	12-Reary-or C.T.
13. Elevations (Show whethe 3813	er DF, RT, GR, etc.) 1	4. Kind & Status Plug, Bond ON FILE	15. Drilling Contr TBD	actor	16. Approx.	Date Work will start
17.	PR	OPOSED CASING AN	D CEMENT PRO	OGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPT	H SACK	S OF CEMENT	EST. TOP
12 1/4	8 5/8	24	2050	90	00	SURFACE
7 7/8	5 1/2	15.5	6600	TO B	E DETERMINE	D SURFACE
	-			BY E	CUID ⁻ CALIPE	R

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the offormation above is true and complete to the best of my knowledg	se and belief.		
SKONATURE Michael Chempal	TTLEAND MANAGER-PERMIAN BASIN	_ DATE _6-6-	91
TYPE OR PRINT NAME MICHAEL J. NEWPORT		TELEPHONE NO.	955-1146
(This space for State Use)			
AFTROVED BY	. m.e	DATE	
CONDITIONS OF APPROVAL, IF ANY:			

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

125630

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

DISTRICT II P.O. Drawer DD, Antonin, NM \$8210 State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION P.O. Box 2088

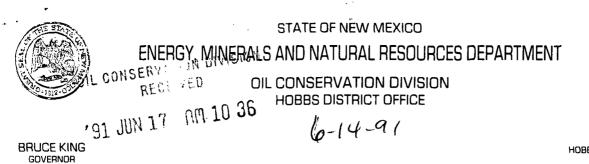
P.U. DOX 2088

Santa Fe, New Mexico 87504-2088

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

					Lease					WELING	
ILL PET	TROLEUM	1 CORP.			LOV	INGTON	PADDOCH	C UNIT	[120	
Section			, ,		Range				County	<u> </u>	
	- 6		17	SOUTH	1	37	EAST	NAGA	1	EA	
cation of W	'eil:			<u></u>	L						
		NORTH		line and	11	.40		feet from	uthe WES	T line	
ICOL ITOL	Producia			Landy Wells	Pool	<u> </u>				Dedicated Acreage:	
	Red	Jack			Lo	vinaton	Paddo	de		40 AG	-
the acres	es dedicato	d to the subj	ect well b	y colored pe	ncil or hachu	ne marics on t	he plat below	v,		1	<u> </u>
re than one ation, force Yes * is "no" lis	lease of dif -pooling, et 	fferent owner c.?] No	nhip is de If answ	edicated to th	ne well, have	the interest of idation	fall owners t	been consi	olidated by com		
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POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

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

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RE: Proposed:

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DHC		
NSL	X	u 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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WFX		
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Gentlemen:

I have examined the application for the:

ston Pallock Unit #120-2 6-17-37 No. Unit S-T-R Operator

and my recommendations are as follows:

Yours)very truly.

Jerry Sexton Supervisor, District 1



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

Incorporated in Delaware, U.S.A.

June 6, 1991

14.

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. Lovington Paddock Lea County. New Mexico

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 121 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 121 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

MJN:JB Enclosures

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Submit to Appropriate District Office State Lease - 6 copies	Energy,	State of New M Minerals and Natural R			Form C-101 Revised 1-1-89
Fée Lease – <u>5 copies</u> <u>DISTRICT I</u> P.O. Bax 1980, Hoobs, NI	M 88240	CONSERVATIO P.O. Box 20	88	API NO. (assigned by OX	ID on New Wells)
DISTRICT II P.O. Drawer DD, Artesia,		Santa Fe, New Mexico	87304-2088	5. Indicate Type of Leas S	
DISTRICT III 1000 Rio Brazos Rd., Azia	sc, NM 87410		. ·	6. State Oil & Gas Lease	No.
APPLICA	TION FOR PERMIT	TO DRILL, DEEPEN, O	OR PLUG BACK		
1a. Type of Work:				7. Lease Name or Unit A	greement Name
DRIL b. Type of Well: OL XX GAS WELL WELL	L KA RE-ENTER	DEEPEN SINGLE	PLUG BACK	LOVINGTON PADE	OOCK UNIT
2. Name of Operator	 			8. Well No.	
GREENHILL PET	TROLEUM CORPORA	TION		121	
3. Address of Operator				9. Pool name or Wildcat	
11490 WESTHE	IMER, STE., 200	HOUSTON, TX 7	7077	LOVINGTON PADE	OCK
4. Well Location Unit Letter <u>C</u>		rom TheNORTH	Line and _2500_	Feet From The	WEST Line
Section 6	Town	tup 175 Ra	¹ <u>\$°, 37, E</u>	NMPM LEA	County
				Connation	
		10. Proposed Depth			12_Rotary_or C.T.
13. Elevations (Show wheth		4. Kind & Status Plug. Bond	15. Drilling Contractor	ADDOCK	Date Work will start
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG 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 ke	CONTENDED TO THE CONTENDED FOR THE CONTENDE FOR THE CONTENT FOR THE CONTENDE FOR THE CONTENT FOR THE CONTENT FOR THE CONTENDE FOR THE
TYPE OR PRINT NAME MICHAEL J. NEWPORT	TELEPHONE NO955-1146
(This space for State Use)	

THE.

DATE .

APPROVED BY

CONDITIONS OF AFTROVAL, IF ANY:

Submit to Appropr District Office State Lease - 4 cop For Long - 3 cop .

DISTRICT I P.O. Box 1980, Hobbs, NM \$2240

DISTRICT II P.O. Drawer DD, Artesia, NM \$8210

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

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

WELL	LOCATIO	N A	ND	ACR	EA	GE	DE	DK	AT	ION	PLAT	•
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All Distances must be from the outer	boundaries of the section
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GREENHILL PETROLEUM CORP.		
Letter Section Township	LOVINGTON PADDOCK UNIT	121
	Range	-
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Footage Location of Well:	2500	
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2500'	Printed M	inne chael J. Newport
≠56 9 ⁵⁹ \°	Position La Company	ndman
LAT. 32°52'05" LONG. 103°17'26"	5 Date	eenhill Petroleum Co
	SUT	RVEYOR CERTIFICATION
	on this actual supervise	o certify that the well location si plat was plotted from field pote nerveys made by the source of pode on, and that the source is true
	correct belief. Date Sur	to the best of they brokledge
	Signatur Professi	tonal Serveyor Che MEXICO
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	Clemine	m / July John W. WEST,

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STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

6-14-91

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

BRUCE	KING
GOVER	NOR

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501
RE: Proposed: MC
DHC
NSL X
NSP
SWD
WFX

Gentlemen:

PMX

I have examined the application for the:

addack Unit #125-C-6-17-37 Operator

and my recommendations are as follows:

Yøûrs very truly

Jerry Sexton Supervisor, District 1



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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. Lovington Paddock Lea County. New Mexico

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 122 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 122 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

MJN:JB Enclosures

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Saumit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies		State of New Me Minerals and Natural R	esources Department		Form C·101 Revised 1-1-89	
DISTRICT I P.O. Box 1980, Hobbs, NA	1 88240	CONSERVATIC P.O. Box 208 Santa Fe, New Mexico	38	API NO. (assigned by	OCD on New Wells)	
DISTRICT II P.O. Drawer DD, Artesia,		Salita Fe, New Mexico	87 502 088	5. Indicate Type of L	STATE FEE X	
DISTRICT III 1000 Rio Brazos Rd., Azie	c, NM 87410		·	6. State Oil & Gas Le	ase No.	
APPLICA	TION FOR PERMIT	TO DRILL, DEEPEN, C	OR PLUG BACK			
12. Type of Work:				7. Lease Name or Uni	it Agreement Name	
DRIL b. Type of Well: OIL OAS WELL WELL	L XX RE-ENTED		PLUG BACK	LOVINGTON PAI	DDOCK UNIT	
2. Name of Operator				8. Well No.		
GREENHILL PETRO	LEUM CORPORATI	DN		122	·	
3. Address of Operator	· · · · ·			9. Pool name or Wildo	24	
	R, STE., 200,	HOUSTON, TX 770	77	LOVINGTON_PADDOCK		
4. Well Location Unit Letter E	: <u>2440</u> Feet I	from The NORTH	Line and <u>117</u>	Feet From The	WEST Line	
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		10. Proposed Depth	[11, 1	Formation	12. Rotary or C.T.	
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR FLUG 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 gue and complete to the base of my knowle SIGNATURE	dge and belief. LAND_MANAGER-PERMIAN_BASIN_	_ date _6-6-91
TYPE OR PRINT NAME MICHAEL J. NEWPORT	· · · · · · · · · · · · · · · · · · ·	TELEPHONE NO. 955-1146
(This space for State Use)		
APPROVED BY	TTT 8	DATE

CONDITIONS OF APPROVAL, IF ANY:

•

Subtrict of Appropria State Lesse - 4 copies Fee Lesse - 3 copies

DISTRICT I P.O. Box 1980, Hobbs, NM 31240

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

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

State of New Mexico Energy, Minerals and Natural Resources Department



P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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LOVINGTON PADDOCK UNIT Lea County, New Mexico 123	α 		+ +	NOTE: (1) Only Paddock completions are shown inside the unit boundaries. (2) Well locations conform to Texaco maps shown in Reservoir Study of	NOTE: (1) Only Padd inside the (2) Well locate maps show
CYPRESS PETROLEUM CONSULTANTS RICHARDSON, SANGREE AND SNEIDER	•	•••	A ¹¹ A ¹⁰ • ¹¹		
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HOBBS DISTRICT OFFICE (a - 14 - 91)

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

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

RE: Proposed:

MC	
DHC	
NSL X	
NSP	
SWD	
WFX	
PMX	

Gentlemen:

I have examined the application for the:

Lovington Paddack Unit # 122-E 6-17-37 ease & Well No. Unit S-T-R 1:02 Pet. Operato

and my recommendations are as follows:

Yours very truly.

Serry Sexton Supervisor, District 1



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.

June 6, 1991

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

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit Proposed Well No. Lovington Paddock Lea County. New Mexico

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 123 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock 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 location for Well No. 123 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,

GREENHILL PETROLEUM CORPORATION

Michael J. Newport Landman

MJN:JB Enclosures

1 A		State of New Me	exico		
Submit to Appropriate District Office	Energy,	Minerals and Natural R	esources Department		Form C-101 Revised 1-1-89
State Lease – 6 copies Fee Lease – 5 copies					
DISTRICT I P.O. Box 1980, Hobbs, NR	1 88240	P.O. Box 208	38	API NO. (assigned by OC	D on New Wells)
DISTRICT		Santa Fe, New Mexico	87504-2088	5. Indicate Type of Lease	• *- !
P.O. Drawer DD, Artesia,	NM 88210	• .			
<u>DISTRICT III</u> 1000 Rio Brazos Rd., Azte	ec, NM 87410			6. State Oil & Gas Lesse	No.
APPLICA	TION FOR PERMIT	TO DRILL, DEEPEN, O	OR PLUG BACK		
12. Type of Work:				7. Lease Name or Unit A	greement Name
DRIL	l 🚺 🛛 RE-ENTER	DEEPEN	PLUG BACK	}	
b. Type of Well: OL Y GAS	_	SINCLE	MULTIPLE		
OIL X GAS WELL WELL	OTHER	ZONE		LOVINGTON PADD	JCK UNIT
2. Name of Operator	·· ··· ·· ··· ··· ··· ··· ···	· · · · · · · · · · · · · · · · · · ·		8. Well No.	
GREENHILL PET	ROLEUM CORPORAT	ION	· · · · · · · · · · · · · · · · · · ·	123	
3. Address of Operator				9. Pool name or Wildcat	
	MER, STE., 200,	<u>HOUSTON, TX 77</u>	/077	LOVINGTON PADI)0CK
4. Well Location Unit Letter	: <u>2525</u> Feet F	rom TheNORTH	Line and1420	Feet From The	WEST Line
Section 6	Town	ship <u>175 </u>	nge37FN	MPM IFA	County
		10. Proposed Depth	- 11. F	ormation DADDOCK	12. Rotary or C.T.
			15. Drilling Contractor	PADDOCK	Data Black mill man
13. Elevations (Show wheth 3809	er Dr, KI, GK, Elc.)	14. Kind & Status Plug, Bond ON FILE	TBD	Ta Approx	Date Work will start
17.	PF	OPOSED CASING AN		RAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24	2050	900	SURFACE
7 7/8	5 1/2	15.5	6600	TO BE DETERMIN	
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: # PROPOSAL IS TO DEEPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PROPOSED NEW

I hereby certify that the i	mommion above is true and comp	as to the best of my knowledge	e and belief.		
SKONATURE Air	hard M. humant		. THE LAND MANAGER-PERMIAN BASIN	6-6	5-91
TYPE OR PRINT NAME	MICHAEL J. NEWF	ORT		TELEPHONE NO.	955-1146

TITLE .

DATE

(This space for State Use)

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APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

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

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

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

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

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AN) ACREAGE	DEDICATION	PLA1
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All Distances must be from the outer boundaries of the section

GREENHILI	. PETROLEUM CORP.		LOVINGTO	N PADDOCK UNI	IT Well No. 123
nit Letter Section F 6		SOUTH	Range 37 EAST		County. LEA
ctual Footage Location of	1			NMPM	1
2525 feet fre	na the NORTH	lize and	1420	feet from t	the WEST line
round level Elev.	Producing Formation		Pool		Dedicated Acreage:
3809.9	Paddock		Louingto	n Paddock	40 Acres
1. Outline the acr	tage dedicated to the subject w	all by colored peac	il or hachurs marks on t	he plat below.	
	e lease is dedicated to the well				ig interest and royalty).
3. If more than or	e lease of different ownership i	s dedicated to the	well, have the interest of	all owners been consoli	idated by communitization,
unitization, for	x-pooling, etc.?		· ·		1
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No allowable will	be assigned to the well until al			munitization, unitization,	, forced-pooling, or otherwise)
or until a non-stan	dard unit, eliminating such inte	rest, has been appr	oved by the Division.		
	1				OPERATOR CERTIFICATION
		1			I hereby certify that the informati
					ontained herein in true and complete to
				be	est of my knowledge and belief.
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	52			~	CIIIA A
	52				rinted Name
	1				
		+			Michael J. Newport
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•• -	• #56		i		Landman
#57	i /	1	i	~	Greenhill Petroleum Cor
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	• #68		· •	54	opervision, and that the same is true a prrect to the best of my providedge a
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JUN JENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

-6-14-91

POST OFFICE BOX 1980

HOBBS, NEW MEXICO 88241-1980

(505) 393-6161

BRUCE KING GOVERNOR

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

OIL CONSERVE ON DIVISION

RE: Proposed:

MC		
DHC		
NSL	X	 <u> </u>
NSP	,	 
SWD		
WFX		 
РМХ		 

Gentlemen:

I have examined the application for the:

Covington Paddock Unit # 123-F 6-17-37 Let. Nh Operator

and my recommendations are as follows:

Yours verv trulv

Jerry Sexton Supervisor, District 1