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

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

Form C-101 Revised 1-1-89

DISTRICT | P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells)	
30-025-31572	

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

5. Indicate Type of Lease

STATE FEE

GREENHILL PETROLEUM CORPORATION 142					<u> </u>	31	VIE —	LEE TOV
Type of Work:   DRILL XX RE-ENTER   DEEPEN   PLUG BACK   Lovington Paddock Unit		c, NM 87410			6. State Oil	& Gas Lease	No.	
DRILL XX RE-ENTER DEEPEN PLUG BACK Lovington Paddock Unit    Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock Unit   Deepen   Plug Back   Lovington Paddock   Lovi	APPLICA <sup>-</sup>	TION FOR PERMIT	TO DRILL, DEEPEN, O	OR PLUG BACK	V//////			///////
b. Type of Well: Oil Well Six Well   Onex   Single   Military   Discription   Discript	la. Type of Work:			•	7. Lease Na	me or Unit As	greement Name	
GREENHILL PETROLEUM CORPORATION  142  3. Address of Operator 11490 Westheimer, Suite 200, Houston, Texas 77077  4. Well Location Unit Letter F: 2490 Feet From The North Line and 2190 Feet From The West Line  Section 6 Township 17 South Range 37 East NMPM Lea County  10. Proposed Depth 11. Formstion 12. Rotary or C.T. Paddock Rotary  13. Elevations (Show whather DF, RT, GR, etc.) 14. Kind & Status Plug. Bond on file TBD 4-1-92  14. PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP  12. 1/4 " 8 5 /8 " 24 1300' 550 siurface	b. Type of Well:	_	SINOLE		Lovin	gton Pac	ldock Uni	.t
3. Address of Operator 11490 Westheimer, Suite 200, Houston, Texas 77077  4. Well Location Unit Letter F: 2490 Feet From The North Line and 2190 Feet From The West Line  Section 6 Township 17 South Range 37 East NMPM Lea County  10. Proposed Depth 11. Formation 12. Rotary or C.T. Rotary  13. Elevations (Show whether DF, RT, GR, etc.) 14. Kind & Stanus Plug. Bond on file TBD 16. Approx. Date Work will start 4-1-92  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP  12. 1/4 " 8 5/8 " 24 1300" 550 surface	2 Name of Operator				8. Well No.		<del>-, -</del>	
11490 Westheimer, Suite 200, Houston, Texas 77077  Lovington Paddock  4. Well Location	GREENHILL PE	TROLEUM CORPOR	RATION		142			ļ
4. Well Location Unit Letter F: 2490 Feet From The North Line and 2190 Feet From The West Line  Section 6 Township 17 South Range 37 East NMPM Lea County  10. Proposed Depth 6450' Paddock Rotary  13. Elevations (Show whather DF, RT, GR, etc.) 3807 GR 14. Kind & Status Plug. Bond on file TBD 15. Drilling Coxtractor TBD 16. Approx. Date Work will start 4-1-92  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 12 1/4" 8 5/8" 24 1300' 550 Surface	3. Address of Operator					9. Pool name or Wildcat		
4. Well Location Unit Letter F: 2490 Feet From The North Line and 2190 Feet From The West Line  Section 6 Township 17 South Range 37 East NMPM Lea County  10. Proposed Depth 6450' Paddock Rotary  13. Elevations (Show whather DF, RT, GR, etc.) 3807 GR 14. Kind & Status Plug. Bond on file TBD TBD TBD TBD TBD TBD TSD TEST. TOP  12 1/4 " 8 5/8 " 24 1300' TBD TSD TSD TSD TSD TSD TSD TSD TSD TSD TS	<u>11490 Westhe</u>	imer, Suite 20	0, Houston, Texa	s 77077	Lovin	Lovington Paddock		
A compose   A co	<del></del>	F : <del>2490</del> Feet	nship 17 South Ra	nge 37 East	NMPM	_		
13. Elevations (Show whether DF, RT, GR, etc.)   14. Kind & Status Plug. Bond   15. Drilling Contractor   16. Approx. Date Work will start   4-1-92   17.     PROPOSED CASING AND CEMENT PROGRAM   SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH   SACKS OF CEMENT   EST. TOP   12 1/4 "   8 5/8 "   24   1300 "   550   surface   17.   18								1
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SIZE OF HOLE         SIZE OF CASING         WEIGHT PER FOOT         SETTING DEPTH         SACKS OF CEMENT         EST. TOP           12 1/4 "         8 5/8 "         24         1300'         550         surface           7 7/8 "         5 1/2 "         15 5         6/50 L         1100	17. 	PF	ROPOSED CASING AN	ID CEMENT PRO	XGRAM			
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Surface	7 7/8 "	5 1/2 "						
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: # PROPOSAL IS TO D  ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.	EZPEN OR FLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZON	HE AND PROPOSED NEW PRODUCTIVE
I hereby certify that the information above is true and complete to the best of my knowledge SIGNATURE	e mod belief. . mnum Land Manager-Permian Rasin	DATE3-24-92
TYPEOR FRONT NAME Michael J. Newport		(713) TELEPHONE NO. 589-8484
(This space for State Use)  GRIGINAL SIGNED BY JERRY SEXTON  DILLIGHT SIGNED BY JERRY SEXTON		APR 0.7 '92
WHOVED \$1	TITLE	DATE

CONDITIONS OF APPROVAL, IF ANY:

Approved for drilling only--well cannot be produced until NSL is approved.

Permit Expires 5 Months From Approval Data Unitess Onling Underway.

#### <u>DISTRICT |</u> P.O. Box 1980, Hobbs, NM 88240

#### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All Distances must be from the outer boundaries of the section

perator					Lease				Well No.
Gre ut Letter			eum Corp	•		ovington	Paddock Ur		142
F	Section	.	Township	<b>∟1</b> _	Range	<b>.</b>		County	
tual Footage Loc	eation of T	6 <u> </u> Vell:	17 Sou	<u>ch</u>	37	<u>East</u>	NMPM	L	Lea
2490 2480			line ar	. 2	190			West	
and Level Elev	. Prod	ucing Forn		ш	Pool		lest from	the West	line Dedicated Acreage:
3807.91	_   I	ovingto	on Paddoc	:k	Loving	ton Paddo	ck Unit		40
Outline the ac	creage ded	icated to ti	he subject wel	l by colored p	encil or hach	ure marks on	the plat below.		Acres
if more than	one lease	is dedicate	ed to the well	, outline each	and identify	the ownership	thereof (both		ng interest and royalty).
unitization, r	one lease orce-pooli	of differenting, etc.?	it ownership i	s dedicated to	the well, ha			peer coreo	idated by communitization
XX Yes	L	No		yes type o		<sup>14</sup>	tized		
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# GREENHILL PETROLEUM CORPORATION BOP PROGRAM FOR LOVINGTON PADDOCK UNIT #142

### Casing Program

### BOP Program

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

Diverter-Hydrill may be substituted for a diverter.

sjs:s 92.215

03/24/92

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

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