

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

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-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I. Operator GREENHILL PETROLEUM CORPORATION		Well API No. 30 025 31555
Address 11490 Westheimer, Suite 200, Houston, Texas 77077		
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)		
New Well ☒	Change in Transporter of:	
Recompletion ☐	Oil ☐ Dry Gas ☐	
Change in Operator ☐	Casinghead Gas ☐ Condensate ☐	
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Lovington Paddock Unit	Well No. 140	Pool Name, including Formation Lovington Paddock	Kind of Lease (State) Federal or Fee	Lease No. B 2359
Location Unit Letter <u>F</u> : <u>2522</u> Feet From The <u>North</u> Line and <u>2630</u> Feet From The <u>West</u> Line Section <u>1</u> Township <u>17South</u> Range <u>36East</u> , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Texas New Mexico Pipeline Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2528, Hobbs, NM 88240					
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ GPM Gas Corporation	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, TX 79762					
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 1	Twp. 17S	Rge. 36E	Is gas actually connected? yes	When? 5-1-92

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well XXX	Gas Well	New Well XXX	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 4-2-92	Date Compl. Ready to Prod. 5-1-92		Total Depth 6450'		P.B.T.D. 6404'			
Elevations (DF, RKB, RT, GR, etc.) 3828.2 GR	Name of Producing Formation Paddock		Top Oil/Gas Pay -----		Tubing Depth 6375'			
Perforations 6073'-6387'					Depth Casing Shoe -----			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	8 5/8" 24#		1310'		500 sacks of Class "C"			
7 7/8"	5 1/2" 15.5#		6450'		1700 sacks of Class "C"			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank 4-29-92	Date of Test 6-6-92	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hours	Tubing Pressure ----	Casing Pressure ----	Choke Size -----
Actual Prod. During Test 271	Oil - Bbls. 52	Water - Bbls. 219	Gas - MCF TSTM

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature
Michael J. Newport
Printed Name
Michael J. Newport-Land Mgr.-Permian Basin
Title
(713) 589-8484
Date
Telephone No.

OIL CONSERVATION DIVISION

Date Approved
Orig. Signed by
Paul Kautz
By
Geologist
Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.



LTR



Job separation sheet

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

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-105
Revised 1-1-89

WELL API NO. 30 025 31555	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. B 2359	
7. Lease Name or Unit Agreement Name Lovington Paddock Unit	
8. Well No. 140	
9. Pool name or Wildcat Lovington Paddock	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG			
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIPP RESVR ☐ OTHER _____			
2. Name of Operator GREENHILL PETROLEUM CORPORATION			
3. Address of Operator 11490 Westheimer, Suite 200, Houston, Texas 77077			
4. Well Location Unit Letter <u>F</u> : <u>2522</u> Feet From The <u>North</u> Line and <u>2630</u> Feet From The <u>West</u> Line Section <u>1</u> Township <u>17</u> South Range <u>36</u> East NMPM Lea County			
10. Date Spudded 4-2-92	11. Date T.D. Reached 4-12-92	12. Date Compl. (Ready to Prod.) 5-1-92	13. Elevations (DFA, RKB, RT, GR, etc.) 3828.2GR
14. Elev. Casinghead -----			
15. Total Depth 6450'	16. Plug Back T.D. 6404'	17. If Multiple Compl. How Many Zones? -----	18. Intervals Drilled By Rotary Tools XXXXXXXXXX Cable Tools -----
19. Producing Interval(s), of this completion - Top, Bottom, Name 6073'-6387' Paddock			20. Was Directional Survey Made -----
21. Type Electric and Other Logs Run GR/CBL/CCL			22. Was Well Cored -----

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1310'	12 1/4"	550 sacks of Class "C"	
5 1/2"	15.5#	6450'	7 7/8"	1700 sacks of Class "C"	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	6375'
26. Perforation record (interval, size, and number) 6073'-6387' See Exhibit "A"				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
				DEPTH INTERVAL		
				AMOUNT AND KIND MATERIAL USED		
				6073'-6387'		
				16,000 gallons of 28% NEFE		
				HCL Acid and 12.6 tons of CO		

28. PRODUCTION							
Date First Production 4-29-92		Production Method (Flowing, gas lift, pumping - Size and type pump) Rod Pump				Well Status (Prod. or Shut-in) Prod.	
Date of Test 6-6-92	Hours Tested 24 hours	Choke Size ----	Prod'n For Test Period	Oil - Bbl. 52	Gas - MCF TSTM	Water - Bbl. 219	Gas - Oil Ratio TSTM
Flow Tubing Press. -----	Casing Pressure -----	Calculated 24-Hour Rate	Oil - Bbl. 52	Gas - MCF TSTM	Water - Bbl. 219	Oil Gravity - API - (Corr.) -----	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By -----	
30. List Attachments Exhibit "A"							

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature <u>Michael J. Newport</u>	Printed Name <u>Michael J. Newport</u>	Land Manager <u>Permian Basin</u>	Date _____
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____ NL _____
 T. Salt _____ NL _____
 B. Salt _____ NL _____
 T. Yates _____ NL _____
 T. 7 Rivers _____ NL _____
 T. Queen _____ NL _____
 T. Grayburg _____ 4383 _____
 T. San Andres _____ 4589 _____
 T. Glorieta _____ 5965 _____
 T. Paddock _____ 6053 _____
 T. Blinebry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzie _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	3850	3850	Not logged				
3850	4383	533	Sandstone				
4383	4589	206	Lime and Anhydrite				
4589	5965	1376	Dolomite				
5965	6053	88	Dolomite-Siltstone				
6053	6450	397	Dolomite				
TD	6450						

EXHIBIT "A"
LOVINGTON PADDOCK UNIT
WELL NUMBER 140

Perforated the following intervals using with 2 JSPF on 180 degree phasing using 22.7 gm Go-Ex charges:

6073, 97', 6101', 04', 17', 19', 25', 27', 29', 31', 33', 39', 41',
43', 62', 64', 73', 81', 83', 85', 91', 6213', 35', 39', 45', 47',
49', 54', 59', 61', 63', 75', 79', 6303', 05', 07', 14', 19', 21',
23', 26', 29', 31', 39', 41', 43', 59', 67', 79', 87'

sjs:s
92.342