

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I. Operator GREENHILL PETROLEUM CORPORATION		Well API No. 30 025 31536
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. 141	Pool Name, Including Formation Lovington Paddock	Kind of Lease State, Federal or Fee	Lease No. 82359
Location Unit Letter <u>G</u> : <u>2545</u> Feet From The <u>North</u> Line and <u>1440</u> Feet From The <u>East</u> Line Section <u>1</u> Township <u>17</u> South Range <u>36</u> East, 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 J	Sec. 5
	Twp. 17S	Rge. 36E
	Is gas actually connected? yes	When? 4-24-92

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 3-24-92	Date Compl. Ready to Prod. 4-24-92		Total Depth 6450'		P.B.T.D. 6402'			
Locations (DF, RKB, RT, GR, etc.) 3819GR	Name of Producing Formation Paddock		Top Oil/Gas Pay -----		Tubing Depth 6338'			
Locations 6066'-6319'				Depth Casing Shoe -----				

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
8 5/8"	24#	1300'	550 sacks of Class "C"
5 1/2"	15.5#	6450'	1400 sacks of Class "C"

TEST DATA AND REQUEST FOR ALLOWABLE

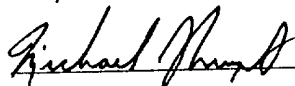
WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
First New Oil Run To Tank 20-92	Date of Test 6-3-92	Producing Method (Flow, pump, gas lift, etc.) Pump	
of Test hours	Tubing Pressure -----	Casing Pressure -----	Choke Size -----
Prod. During Test	Oil - Bbls. 58	Water - Bbls. 176	Gas - MCF TSTM

WELL

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

OPERATOR CERTIFICATE OF COMPLIANCE

I 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.



J. Newport-Land Mgr.-Permian Basin
Title
(713) 589-8484
Telephone No.

OIL CONSERVATION DIVISION

Date Approved

By 
Geologist

Title

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

Test for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

Sections of this form must be filled out for allowable on new and recompleted wells.

File only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

File Form C-104 must be filed for each pool in multiply completed wells.

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 31536
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. 141
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 ☐ DIFF. 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>G</u> : <u>2545</u> Feet From The <u>North</u> Line and <u>1440</u> Feet From The <u>East</u> Line Section <u>1</u> Township <u>17 South</u> Range <u>36 East</u> NMPM Lea County			
10. Date Spudded 3-24-92	11. Date T.D. Reached 4-2-92	12. Date Compl. (Ready to Prod.) 4-24-92	13. Elevations (DF & RKB, RT, GR, etc.) 3819 GR
15. Total Depth 6450'	16. Plug Back T.D. 6402'	17. If Multiple Compl. How Many Zones? <u>-----</u>	18. Intervals Drilled By Rotary Tools XXXXXXXXXX Cable Tools -----
19. Producing Interval(s), of this completion - Top, Bottom, Name 6066'-6319' 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
8 5/8"	24#	1300'	12 1/4"	550 sacks of Class "C"
5 1/2"	15.5#	6450'	7 7/8"	1400 sacks of Class "C"

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	6338'

26. Perforation record (interval, size, and number) 6066'-6319' See Exhibit "A"	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	6066'-6319'	16,000 gallons of 28% NEFE H Acid plus 12.6 tons CO2

28. PRODUCTION							
Date First Production 4-20-92		Production Method (Flowing, gas lift, pumping - Size and type pump) Rod Pump				Well Status (Prod. or Shut-in) Prod.	
Date of Test 6-3-92	Hours Tested 24 hours	Choke Size -----	Prod'n For Test Period	Oil - Bbl. 58	Gas - MCF TSTM	Water - Bbl. 176	Gas - Oil Ratio TSTM
Flow Tubing Press. -----	Casing Pressure -----	Calculated 24-Hour Rate	Oil - Bbl. 58	Gas - MCF TSTM	Water - Bbl. 176	Oil Gravity - API - (Corr.) -----	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By -----
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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 Title <u>Permian Basin</u>	Date <u>6-8-92</u>

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 triplicate 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			Northwestern New Mexico		
T. Anhy _____	NL	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____	
T. Salt _____	NL	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____	
B. Salt _____	NL	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____	
T. Yates _____	NL	T. Miss _____	T. Cliff House _____	T. Leadville _____	
T. 7 Rivers _____	NL	T. Devonian _____	T. Menefee _____	T. Madison _____	
T. Queen _____	NL	T. Silurian _____	T. Point Lookout _____	T. Elbert _____	
T. Grayburg _____	4384	T. Montoya _____	T. Mancos _____	T. McCracken _____	
T. San Andres _____	4595	T. Simpson _____	T. Gallup _____	T. Ignacio Otzie _____	
T. Glorieta _____	5963	T. McKee _____	Base Greenhorn _____	T. Granite _____	
T. Paddock _____	6053	T. Ellenburger _____	T. Dakota _____	T. _____	
T. Blinberry _____		T. Gr. Wash _____	T. Morrison _____	T. _____	
T. Tubb _____		T. Delaware Sand _____	T. Todilto _____	T. _____	
T. Drinkard _____		T. Bone Springs _____	T. Entrada _____	T. _____	
T. Abo _____		T. _____	T. Wingate _____	T. _____	
T. Wolfcamp _____		T. _____	T. Chinle _____	T. _____	
T. Penn _____		T. _____	T. Permian _____	T. _____	
T. Cisco (Bough C) _____		T. _____	T. Penn "A" _____	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	4384	534	Sandstone				
4384	4595	211	Lime and Anhydrite				
4595	5963	1368	Dolomite				
5963	6053	90	Dolomite-Siltstone				
6053	6450	397	Dolomite				
TD		6450					