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Appropriate District Office  
DISTRICT I  
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DISTRICT II  
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DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

I. Operator GREENHILL PETROLEUM CORPORATION		Well API No. 30 025 31543
Address 11490 Westheimer, Suite 200, Houston, Texas 77077		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Lovington San Andres Unit	Well No. 77	Pool Name, Including Formation Lovington Grayburg San Andres	Kind of Lease State (Federal or <del>State</del> )	Lease No. -----
Location Unit Letter <u>E</u> : <u>1582</u> Feet From The <u>North</u> Line and <u>381</u> Feet From The <u>West</u> Line Section <u>31</u> Township <u>16S</u> Range <u>37E</u> , NMPM, <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <del>XXXXX</del> or Condensate <input type="checkbox"/> TEXAS NEW MEXICO PIPELINE COMPANY	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2528 Hobbs, New Mexico 88240					
Name of Authorized Transporter of Casinghead Gas <del>XXX</del> or Dry Gas <input type="checkbox"/> GPM GAS CORPORATION	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, Texas 79762					
If well produces oil or liquids, give location of tanks.	Unit <u>B</u>	Sec. <u>1</u>	Twp. <u>17S</u>	Rge. <u>36E</u>	Is gas actually connected? <u>yes</u>	When? <u>8-5-92</u>

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) <u>XXX</u>	Oil Well <u>XXX</u>	Gas Well	New Well <u>XXX</u>	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded <u>7-5-92</u>	Date Compl. Ready to Prod. <u>8-5-92</u>		Total Depth <u>5173'</u>		P.B.T.D. <u>5146'</u>			
Elevations (DF, RKB, RT, GR, etc.) <u>3830GR</u>	Name of Producing Formation <u>San Andres</u>		Top Oil/Gas Pay <u>-----</u>		Tubing Depth <u>5031'</u>			
Perforations <u>4688'-5035'</u>					Depth Casing Shoe <u>-----</u>			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE <u>12 1/4"</u> <u>7 7/8"</u>	CASING & TUBING SIZE <u>8 5/8" 24#</u> <u>5 1/2" 15.5#</u>		DEPTH SET <u>1335'</u> <u>5173'</u>		SACKS CEMENT <u>500 sacks of Class C</u> <u>1125 sacks of Class C</u>			

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 <u>8-3-92</u>	Date of Test <u>8-9-92</u>	Producing Method (Flow, pump, gas lift, etc.) <u>Pump</u>	
Length of Test <u>24 hours</u>	Tubing Pressure <u>-----</u>	Casing Pressure <u>-----</u>	Choke Size <u>-----</u>
Actual Prod. During Test <u>342</u>	Oil - Bbls. <u>24</u>	Water - Bbls. <u>318</u>	Use MCP <u>TSTM</u>

GAS WELL

Actual Prod. Test - MMCFD <u>-----</u>	Length of Test <u>-----</u>	Bbls. Condensate/MMCF <u>-----</u>	Gravity of Condensate <u>-----</u>
Testing Method (pitot, back pr.) <u>-----</u>	Tubing Pressure (Shut-in) <u>-----</u>	Casing Pressure (Shut-in) <u>-----</u>	Choke Size <u>-----</u>

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.

Richard Thompson  
Signature  
Michael J. Newport Land Manager-Permian Basin  
Printed Name  
8-10-92  
Date  
(713) 589-8484  
Telephone No.

OIL CONSERVATION DIVISION

AUG 14 '92

Date Approved

By ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

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.