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Appropriate District Office  
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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

Operator GREENHILL PETROLEUM CORPORATION		Well API No. 30-025-30777
Address 16010 BARKER'S POINT LANE, STE. 325, HOUSTON, TX 77079		
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 PADDOCK UNIT	Well No. 85	Pool Name, Including Formation LOVINGTON PADDOCK	Kind of Lease State, Federal or Fee	Lease No. B-1553
Location Unit Letter <u>F</u> : <u>1590</u> Feet From The <u>WEST</u> Line and <u>1417</u> Feet From The <u>NORTH</u> Line Section <u>1</u> Township <u>17S</u> Range <u>36E</u> , NMPM, LEA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> TEXAS-NEW MEXICO PIPELINE, CO.	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 <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> PHILLIPS 66 NATURAL GAS CO. GPM Gas Corporation	Address (Give address to which approved copy of this form is to be sent) EFFECTIVE: February 1, 1992 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? 5-11-90

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 <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 3-18-90	Date Compl. Ready to Prod. 5-11-90		Total Depth 6400'		P.B.T.D. 6300'			
Elevations (DF, RKB, RT, GR, etc.) 3831' GL	Name of Producing Formation PADDOCK		Top Oil/Gas Pay 6320' 6048'		Tubing Depth 6014'			
Perforations 6020'-25', 6048'-53', 6075'-6100', 6105'-14', 6132'-42', 6170'-90'		TUBING, CASING AND CEMENTING RECORD						
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17 1/2"	13 3/8"		349'		500			
11"	8 5/8"		2959'		900			
7 7/8"	5 1/2"		6363'		1230			

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 5-11-90	Date of Test 5-21-90	Producing Method (Flow, pump, gas lift, etc.) ROD PUMP	
Length of Test 24 hours	Tubing Pressure N.A.	Casing Pressure 30	Choke Size N.A.
Actual Prod. During Test 43	Oil - Bbls. 34	Water - Bbls. 9	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  
GENE LINTON-PRODUCTION Coordinator  
Printed Name  
AUGUST 3, 1990 (713) 870-0606  
Date  
Telephone No.

OIL CONSERVATION DIVISION

Date Approved  
By  
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.

Deviation surveys taken on Greenhill Petroleum Corporation's Lovington  
Paddock #85 well in Lea County, New Mexico: 1590/W + 1417/N 1-17-36

<u>Depth</u>	<u>Degree</u>
349	.75
1349	.75
2023	.75
2966	2.00
3268	.25
4257	1.00
5266	.75
6016	.50
6400	.50

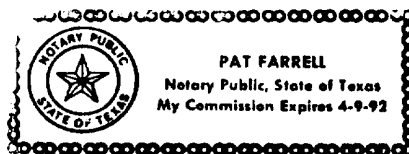
I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

S. Howard Norton  
Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared S. Howard Norton, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

S. Howard Norton  
S. Howard Norton

SWORN AND SUBSCRIBED TO before me this 17th day of April 1990.



Pat Farrell  
Notary Public in and for  
Lubbock County, Texas.