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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMIS. N  
**REQUEST FOR ALLOWABLE  
 AND  
 AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104  
 Supersedes Old C-104 and C-110  
 Effective 1-1-65

**I. Operator**  
 Tenneco Oil Company  
 Address  
 1860 Lincoln St., Suite 1200, Denver, Colorado 80295

Reason(s) for filing (Check proper box)  
 New Well  Change in Transporter of:  
 Recompletion  Oil  Dry Gas   
 Change in Ownership  Casinghead Gas  Condensate

Other (Please explain)  
 Reentry of P & A'd well known before as the Humble Federal Leonard #2

If change of ownership give name and address of previous owner

**II. DESCRIPTION OF WELL AND LEASE** R-5609

Lease Name Leonard Bros.	Well No. 3	Pool Name, including Formation Leonard Queen South	Kind of Lease State, Federal or Free Federal	Lease No.
Location Unit Letter <u>G</u> ; <u>1974</u> Feet From The <u>North</u> Line and <u>1976</u> Feet From The <u>East</u> Line of Section <u>13</u> Township <u>26S</u> Range <u>37E</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"/> Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P.O. Box 3119, Midland, Texas 79701
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 990, Farmington, N.M. 87401
If well produces oil or liquids, give location of tanks. Unit <u>P</u> Sec. <u>13</u> Twp. <u>26S</u> Rge. <u>37E</u>	Is gas actually connected? <u>Yes</u> When <u>9-12-77</u>

If this production is commingled with that from any other lease or pool, give commingling order number: Was P & A'd Humble Federal Leonard #2

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input checked="" type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded 8-11-77	Date Compl. Ready to Prod. 9-9-77	Total Depth 3713'	P.B.T.D. 3713'					
Elevations (DF, RKB, RT, CR, etc.) 3003.9 GL	Name of Producing Formation Leonard Queen South	Top Oil/Gas Pay 3399'	Tubing Depth 3564'					
Perforations Penrose 3480' - 3435'		Leonard Queen South 3399' - 3435'						

**TUBING, CASING, AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17-1/2"	13-3/8"	409'	400 sacks
12-1/4"	9-5/8"	4199'	4000 sacks
	2-7/8"	3564'	

**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 Tanks 9-12-77	Date of Test 9-17-77	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24 hours	Tubing Pressure 30	Casing Pressure 30	Choke Size none
Actual Prod. During Test	Oil-Bbls. 11	Water-Bbls. 57	Gas-MCF 136

**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. CERTIFICATE OF COMPLIANCE**

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

[Signature]  
 Division Production Manager  
 (Title)  
9-23-77  
 (Date)

OIL CONSERVATION COMMISSION

APPROVED 1977, 19  
 BY John W. Runyan  
 TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1104.  
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
 All sections of this form must be filled out completely for allowable on new and recompleted wells.  
 Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition  
 Separate Forms C-104 must be filed for each pool in multiple wells.

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U.S. DEPARTMENT OF COMMERCE  
HOBBES, N. M.