

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. API No. 30-025-30078

Operator Phillips Petroleum Company	
Address 4001 Penbrook Street, Odessa, Texas 79762	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate

If change of ownership give name
and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Leamex	Well No. 41	Pool Name, Including Formation Maljamar Grayburg-San Andres	Kind of Lease State, Federal or Fee State	Lease No. B-2148
Location				
Unit Letter <u>D</u> <u>860</u> Feet From The <u>north</u> Line and <u>660</u> Feet From The <u>west</u>				
Line of Section <u>22</u> Township <u>17-S</u> Range <u>33-E</u> , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

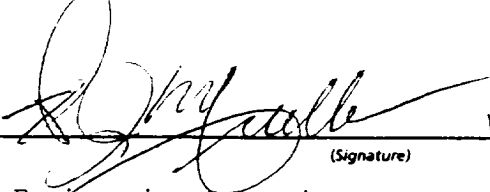
Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Texas-New Mexico Pipeline Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2528, Hobbs, New Mexico 88240				
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips 66 Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) GPM Gas Corporation 4001 Penbrook Street, Odessa, Texas 79762				
If well produces oil or liquids, give location of tanks.	Unit D	Sec. 24	Twp. 17-S	Rge. 33-S	Is gas actually connected? yes
					When 12-04-87

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. 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 is true and complete to the best of
my knowledge and belief


W. J. Mueller
(Signature)
Engineering Supervisor, Reservoir
(Title)
December 11, 1987
(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 14 1987, 19____
BY Paul Kautz
Orig. Signed by
Geologist
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 allow-
able 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 multiply

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X		X					
Date Spudded 10-18-87	Date Compl. Ready to Prod. perf'd 11-11-87		Total Depth 4800'			P.B.T.D. 4748'			
Elevations (DF, RKB, RT, GR, etc.) 4176'RKB, 4167' GR	Name of Producing Formation Grayburg-San Andres		Top Oil/Gas Pay 4214'			Tubing Depth 4596'			
Perforations 4214'-4580'						Depth Casing Shoe 4800'			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT			
12-1/4"	8-5/8" 24# K-55		1490'			1000 sx "C", 2% CaCl ₂			
7-7/8"	5-1/2" 15.5# K-55		4800'			1500 sx "C", 5% salt,			
						400 sx "C" neat.			
5-1/2"	2-3/8"		4596'						

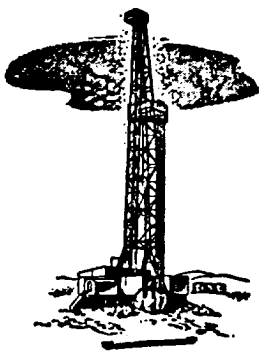
V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tanks 11-15-87	Date of Test 12-04-87	Producing Method (Flow, pump, gas lift, etc.) 2" x 1 1/4" x 16' insert pump	
Length of Test 24 hrs	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls. 58	Water-Bbls. 15	Gas-MCF 72

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

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Telephone (505) 748-2205

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX ~~872~~ / ARTESIA, NEW MEXICO 88210
470

November 6, 1987

Phillips Petroleum Corporation
4001 Penbrook
Odessa, TX 79762

Re: Leamex #41
660' FWL & 860' FNL
Lea County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
516'	1/2°
806'	3/4°
1349'	1/2°
1490'	1/2°
1882'	1°
2351'	1/2°
2853'	1 1/2°
3348'	1 1/4°
3846'	1°
4240'	1°
4350'	1 1/2°
4800'	1 1/4°

Very truly yours,

B. N. Muncy Jr.
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 6th day of November, 1987.

NOTARY PUBLIC