

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL GAS	
OPERATOR		
PRODUCTION OFFICE		

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

API No. 30-025-30079

I.

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"/> Casinghead Gas <input type="checkbox"/> Dry 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. 42	Pool Name, including Formation Maljamar Grayburg-San Andres	Kind of Lease State, Federal or Fee State	Lease No. B-2148
Location				
Unit Letter N	660	Feet From The south	Line and 1980	Feet From The west
Line of Section 15	Township 17-S	Range 33-E	, 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 GPM Gas Corporation	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook Street, Odessa, Tx 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 11-12-87

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

Engineering Supervisor, Reservoir

November 19, 1987

OIL CONSERVATION DIVISION

APPROVED NOV 20 1987, 19

BY Orig. Signed by
Paul Kautz
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 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 multiply completed wells.

IV. COMPLETION DATA

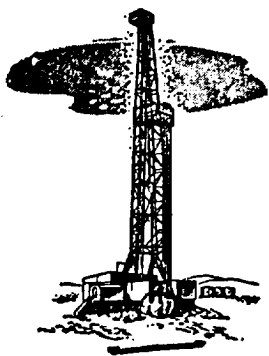
Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X		X					
Date Spudded 10-07-87	Date Compl. Ready to Prod. perf'd 10-28-87	Total Depth 4800'					P.S.T.D. 4773'		
Elevations (DF, RKB, RT, GR, etc.) 4180' RKB, 4171'GR	Name of Producing Formation Grayburg-San Andres	Top Oil/Gas Pay 4239'					Tubing Depth 4550'		
Perforations Perf'd 2 SPF from 4239'-4528'							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		1500'			1000 sx "C", 2% CaCl ₂			
						Circ 134 sx			
7-7/8"	5-1/2" 15.5# K-55		4800'			400 sx "C" neat +			
						900 sx Howco Lite. Circ			

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 10-30-87	Date of Test 11-17-87	Producing Method (Flow, pump, gas lift, etc.) 2" x 1 1/2" x 16' insert pump	
Length of Test 24 hrs	Tubing Pressure -	Casing Pressure -	Choke Size -
Actual Prod. During Test	Oil-Bbls. 76	Water-Bbls. Ø	Gas-MCF 137

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



Telephone (505) 748-2205

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

P. O. BOX 672 / ARTESIA, NEW MEXICO 88210
470

October 21, 1987

Phillips Petroleum Company
4001 Penbrook
Odessa, TX 79762

Attention: Drilling Department

Re: Leamex No. 42
660' FSL & 1980' FWL
Sec. 15, T17S, R33E
Lea County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
485'	1/2°
973'	1°
1205'	3/4°
1500'	1°
1882'	3/4°
2380'	1/4°
2910'	3/4°
3407'	1 1/4°
3905'	1°
4399'	1°
4800'	1 3/4°

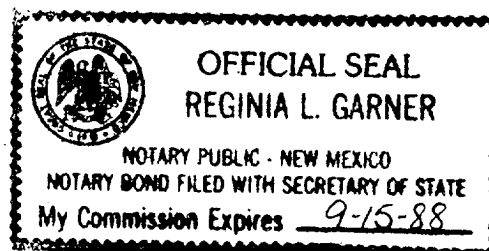
Very truly yours,

B. N. Muncy Jr.
President

STATE OF NEW MEXICO \$
COUNTY OF EDDY \$

The foregoing was acknowledged before me this 21st day of October, 1987.

NOTARY PUBLIC



RECEIVED

NOV 19 1987

OCD

HOBBS OFFICE