

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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TRANSPORTER	OIL GAS		
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OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

API No. 30-025-30068

Operator Phillips Petroleum Company	
Address 4001 Penbrook St., Odessa, TX 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 Philmex	Well No. 24	Pool Name, Including Formation <i>Nakama</i> Vacuum Gb/SA	Kind of Lease State, Federal or Fee State	Lease No. B-2229
Location				
Unit Letter	<u>B</u>	Feet From The	<u>660</u>	Line and
			<u>North</u>	<u>1980</u>
				Feet From The
				<u>East</u>
Line of Section	<u>35</u>	Township	<u>17-S</u>	Range
			<u>33-E</u>	, NMPM,
				Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

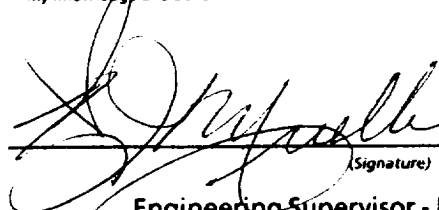
Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Phillips Petroleum Company Trucks	4001 Penbrook St., Odessa, TX. 79762
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Phillips 66 Natural Gas Company GPM Gas Corporation	4001 Penbrook St., Odessa, TX 79762
If well produces oil or liquids, give location of tanks.	Unit    Sec.    Twp.    Rge.    Is gas actually connected?    When
	C    36    17S    33E    Yes    12/05/87

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  
(Title)

December 15, 1987

(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 21 1987, 19\_\_\_\_  
BY ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR  
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 X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 10/21/87	Date Compl. Ready to Prod. Perf'd 11/18/87		Total Depth 4800'		P.B.T.D. 4754'				
Elevations (DF, RKB, RT, GR, etc.) 4119' RKB; 4110' GR		Name of Producing Formation Gb/SA		Top Oil/Gas Pay 4197'		Tubing Depth SN @ 4670'			
Perforations 4197'-4666' - 102' - 204 Holes						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		1485'		1000 Sx C, 2% CaCl2 Circ 160				
7-7/8"	5-1/2" 15.5 K-55		4800'		1200 Sx Howco Lite 15%, 400 Sx				
					C Neat Circ 130 Sx				

#### 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.)

##### OIL WELL

Date First New Oil Run To Tanks 12/01/87	Date of Test 12/14/87	Producing Method (Flow, pump, gas lift, etc.) 2-1/2" X 1-1/2" X 22' Pmp.	
Length of Test 24 Hrs.	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls. 104	Water-Bbls. 230	Gas-MCF 144

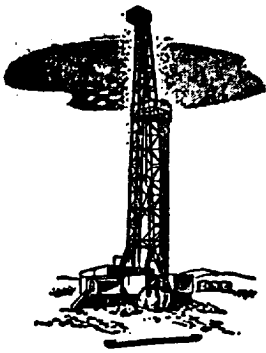
##### GAS WELL

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

P. O. BOX ~~572~~ / ARTESIA, NEW MEXICO 88210  
470

November 12, 1987

Phillips Petroleum Corporation  
4001 Penbrook  
Odessa, TX 79762

Re: Philmex #24  
660' FNL & 1980' FEL  
Sec. 35, T17S, R33E  
Lea County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
475'	1/2°
965'	3°
1485'	1 3/4°
1583'	1°
2115'	1°
2582'	1°
3081'	1 1/4°
3582'	3/4°
3951'	3/4°
4356'	1/2°
4800'	1/4°

Very truly yours,

B. N. Muncy Jr.  
President

STATE OF NEW MEXICO           §  
COUNTY OF EDDY               §

The foregoing was acknowledged before me this 12th day of November, 1987.

NOTARY PUBLIC



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**OCD  
HOBBS OFFICE**