

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator **EL PASO PRODUCTS COMPANY** Lease **FRONTIER B** Well No. **1**  
Location of Well: Unit **P** Sec. **9** Twp. **27 North** Rge. **11 West** County **San Juan**  
Name of Reservoir or Pool (Oil or Gas) (Flow or Art. Lift) Prod. Medium (Tbg. or Csg.)

Upper Completion	<b>Kutz-Gallup</b>	<b>Oil</b>	<b>Flow</b>	<b>Tbg.</b>
Lower Completion	<b>Basin Dakota</b>	<b>Gas</b>	<b>Flow</b>	<b>Tbg.</b>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date	<b>8:45 A.M.</b>	Length of time shut-in	<b>3 Days</b>	SI press. Tbg.	<b>489</b>	Stabilized? (Yes or No)	<b>No</b>
	Shut-in	<b>6-6-66</b>			psig Csg.	<b>491</b>		
Lower Compl	Hour, date	<b>8:45 A.M.</b>	Length of time shut-in	<b>7 Days</b>	SI press. Tbg.	<b>522</b>	Stabilized? (Yes or No)	<b>No</b>
	Shut-in	<b>6-6-66</b>			psig			

FLOW TEST NO. 1

Commenced at (hour, date)*				8:45 A.M. 6-6-66		Zone producing (Upper or Lower): Upper	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks		
		Upper Compl.	Lower Compl.				
8:45 A.M. 6-6-66	Start			-	Started Flowing Gallup		
11:45 A.M. 6-6-66	3 Hrs.	Tbg. 169 Csg. 222	Tbg. 549	-			
8:45 A.M. 6-7-66	24 Hrs.	Tbg. 128 Csg. 186	Tbg. 546	-			

Production rate during test

Oil: **3.33** BOPD based on **3.33** Bbls. in **24** Hrs. - Grav. **38.0** GOR **12,312:1**  
Gas: **41** MCFPD; Tested thru (Orifice or Meter): **Latest GOR**

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date	<b>9:30 A.M. 6-10-66</b>	Length of time shut-in	<b>3 Days</b>	SI press. Tbg.	<b>508</b>	Stabilized? (Yes or No)	<b>No</b>
	Shut-in	<b>6-10-66</b>			psig Csg.	<b>512</b>		
Lower Compl	Hour, date	<b>9:30 A.M. 6-10-66</b>	Length of time shut-in	<b>11 Days</b>	SI press. Tbg.	<b>550</b>	Stabilized? (Yes or No)	<b>No</b>
	Shut-in	<b>6-10-66</b>			psig			

FLOW TEST NO. 2

Commenced at (hour, date)**		9:30 A.M. 6-10-66		Zone producing (Upper or Lower):		Lower
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks	
		Upper Compl.	Lower Compl.			
9:30 A.M. 6-10-66	Start			104° F.	Started Flowing Dakota	
12:30 P.M. 6-10-66	3 Hrs.	Tbg. 510 Csg. 513	Tbg. 528	104° F.		
8:30 A.M. 6-13-66	3 Days	Tbg. 516 Csg. 518	Tbg. 510	104° F.		
9:45 A.M. 6-17-66	7 Days	Tbg. 534 Csg. 536	Tbg. 479	104° F.		

RECEIVED  
JUN 27 1966  
OIL CON. COM.  
DIST. 3

Production rate during test

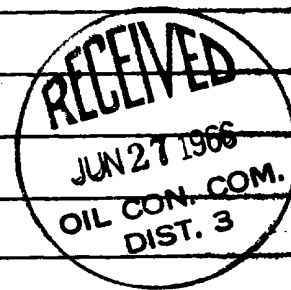
Oil: **0** BOPD based on **0** Bbls. in **24** Hrs. - Grav. - GOR -  
Gas: **142** MCFPD; Tested thru (Orifice or Meter): **Meter**

REMARKS: **Results of test indicate that the packer is offering complete segregation.**

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved: **6-27-1966**  
New Mexico Oil Conservation Commission  
By **Arthur Hendrick**  
Title **PETROLEUM ENGINEER DIST. NO. 3**

Operator **El Paso Products Company**  
By **Original Signed By: Marvin L. Matheny**  
Title **Division Geologist**  
Date **June 24, 1966**



3. The results of the above-described tests shall be filed in triplicate within 30 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Commission on Northwest New Mexico Packer Leakage Test Form Revised 11-1-58, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

