

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator El Paso Natural Gas Products Company Lease Frontier (GD) Well No. 1-B
Location of Well: Unit P Sec. 9 Twp. 27N Rge. 11W County San Juan

	Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. or Csg.)
Upper Completion	<u>Kutz Gallup</u>	<u>Oil</u>	<u>Flowing</u>	<u>Tubing</u>
Lower Completion	<u>Basin Dakota</u>	<u>Gas</u>	<u>Flowing</u>	<u>Tubing</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date <u>9:00 A.M.</u> Shut-in <u>3-19-63</u>	Length of time shut-in <u>74 Hours</u>	SI press. Tbg. <u>592</u> psig Csg. <u>592</u>	Stabilized? (Yes or No) <u>No</u>
Lower Compl	Hour, date <u>9:00 A.M.</u> Shut-in <u>3-19-63</u>	Length of time shut-in <u>74 Hours</u>	SI press. Tbg. <u>724</u> psig	Stabilized? (Yes or No) <u>No</u>

FLOW TEST NO. 1

Commenced at (hour, date)* <u>11:00 A.M.</u> <u>3-22-63</u>				Zone producing (Upper or Lower): <u>Upper</u>	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>11:00 A.M.</u> <u>3-22-63</u>	<u>Start</u>	Tbg. <u>592</u> Csg. <u>592</u>	Tbg. <u>724</u>	<u>--</u>	<u>Opened Gallup to flow.</u>
<u>11:30 A.M.</u>	<u>30 Min.</u>	Tbg. <u>525</u> Csg. <u>530</u>	Tbg. <u>724</u>	<u>--</u>	
<u>12:00 Noon</u>	<u>60 Min.</u>	Tbg. <u>515</u> Csg. <u>522</u>	Tbg. <u>724</u>	<u>--</u>	
<u>1:00 P.M.</u>	<u>120 Min.</u>	Tbg. <u>353</u> Csg. <u>396</u>	Tbg. <u>722</u>	<u>--</u>	
<u>2:00 P.M.</u>	<u>180 Min.</u>	Tbg. <u>292</u> Csg. <u>314</u>	Tbg. <u>722</u>	<u>--</u>	

Production rate during test
Oil: 8 BOPD based on 1 Bbls. in 3 Hrs. -- Grav. 40.2 GOR 26.800
Gas: 214 MCFPD; Tested thru (Orifice or Meter): Orifice

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date <u>7:00 A.M.</u> Shut-in <u>3-23-63</u>	Length of time shut-in <u>99 Hours</u>	SI press. Tbg. <u>637</u> psig Csg. <u>640</u>	Stabilized? (Yes or No) <u>Yes</u>
Lower Compl	Hour, date <u>9:00 A.M.</u> Shut-in <u>3-19-63</u>	Length of time shut-in <u>193 Hours</u>	SI press. Tbg. <u>756</u> psig	Stabilized? (Yes or No) <u>Yes</u>

FLOW TEST NO. 2

Commenced at (hour, date)** <u>10:00 A.M.</u> <u>3-27-63</u>				Zone producing (Upper or Lower): <u>Lower</u>	
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>10:00 A. M.</u> <u>3-27-63</u>	<u>Start</u>	Tbg. <u>637</u> Csg. <u>640</u>	Tbg. <u>756</u>	<u>80° F.</u>	<u>Opened Dakota to flow.</u>
<u>10:30 A.M.</u>	<u>30 Min.</u>	Tbg. <u>637</u> Csg. <u>640</u>	Tbg. <u>700</u>	<u>80° F.</u>	
<u>11:00 A.M.</u>	<u>60 Min.</u>	Tbg. <u>636</u> Csg. <u>639</u>	Tbg. <u>689</u>	<u>80° F.</u>	
<u>12:00 Noon</u>	<u>120 Min.</u>	Tbg. <u>636</u> Csg. <u>639</u>	Tbg. <u>600</u>	<u>80° F.</u>	
<u>1:00 P.M.</u>	<u>180 Min.</u>	Tbg. <u>636</u> Csg. <u>638</u>	Tbg. <u>550</u>	<u>80° F.</u>	

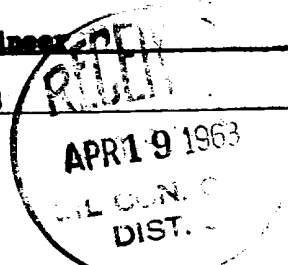
Production rate during test
Oil: 452 BOPD based on 1 Bbls. in 3 Hrs. -- Grav. 40.2 GOR 26.800
Gas: 452 MCFPD; Tested thru (Orifice or Meter): Meter

REMARKS: No evidence of any leakage is shown by the Packer Leakage Test.

*Pressure variations due to temperature changes.

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

Approved: 4-19-1963
New Mexico Oil Conservation Commission
By [Signature]
Title Supervisor Dist. # 3
Operator El Paso Natural Gas Products Company
By ORIGINAL SIGNED BY: JOHN J. STROJEK
Title Petroleum Engineer
Date April 18, 1963



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