

OIL CONSERVATION COMMISSION

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO

April 16, 1963

*El Paso Natural Gas Company
Box 990
Farmington, New Mexico*

Attn: Mr. E. S. Oberly

*Re: El Paso Nat. Gas #60 Huerfanito
SW¹ 4-26N-9W, San Juan County*

Dear Sir:

Packer leakage Test on the above well received in this office April 12, 1963 indicates communication between the producing zones.

You are, therefore, directed to take immediate action to separate the formations and upon completion of the workover operations, to re-submit packer leakage test.

Yours very truly

*Emery C. Arnold
Supervisor, Dist. #3*

ECA:ks

*cc: Elvis Uta
OCC, Santa Fe, N.M.*

OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD
AUSTIN, TEXAS

April 10, 1963

Mr. J. B. ...
Dallas, Texas

Dear Sir:

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EL PASO NATURAL GAS COMPANY

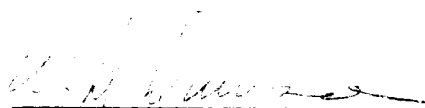
Memorandum

To: Mr. A. J. Dudenhoeffer Date: April 10, 1963
From: Gas Engineering Department Office: Farmington, New Mexico

SUBJECT: 1963 Annual Packer Leakage Test of El Paso Natural Gas
Company Well Huerfanito No. 60 (GD), SW Sec. 4-26-9,
San Juan County, New Mexico.

A Packer Leakage Test for the subject well, concluded on April 10, 1963, indicates communication between the producing zones. See attached test sheets.

This well is being assigned to your department for necessary action.


W. D. Dawson
Gas Engineer

WDD:bjo
cc: W. G. Cutler
L. D. Galloway
R. F. McCarty
O.C.C. (3)
Rendo Stowell
File



NEW MEXICO OIL CONSERVATION COMMISSION
NORTHWEST NEW MEXICO PACKER - LEAKAGE TEST

FORM PL-NW-1
REVISED 6-1-59

Operator	El Paso Natural Gas Company		Lease	Huerfeno	Well No.	60 (GD)
Location of Well:	Unit	Sec. 4 Twp 26 Rge 9	County	San Juan	Initial	Annual 1963
UPPER	Name of Reservoir or Pool		Oil or Gas	Flowing or Artificial Lift	Producing Casing or Tubing	
COMPLETION:	Gallup	Oil	Flowing	Tubing		
LOWER	Name of Reservoir or Pool		Oil or Gas	Flowing or Artificial Lift	Producing Casing or Tubing	
COMPLETION:	Dakota	Gas	Flowing	Tubing		

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER	Hour & Date Well Shut-in	Length of Time Shut-in	Shut-in Pressure, PSIG	Stabilized Pressure
COMPLETION:	2-25-63	7 days	1087 (C&T)	(XXXXX No)
LOWER	Hour & Date Well Shut-in	Length of Time Shut-in	Shut-in Pressure, PSIG	Stabilized Pressure
COMPLETION:	2-25-63	7 days	1320	(XXXXX No)

FLOW TEST NO. 1

Zone Producing (Upper or Lower)		Lower		Hour & Date Flow Started		3-4-63	
LAPSED TIME	SHUT-IN ZONE	WORKING COLUMN	FLOWING ZONE	FLOWING	REMARKS		
SINCE FLOW BEGAN	PRESSURE, PSIG	PRESSURE, PSIG	PRESSURE, PSIG	TEMPERATURE			
2 days	1063 (C&T)		621				
7 days	1065 (C&T)		572				

OIL PRODUCED	Total Bbls.	Number Hours	Oil Rate:	Gravity	Gas Oil Ratio
			Bbl. D		
GAS PRODUCED	Rate of Flow	Tested Through			
	854 MCF/D (Columbometer Meter)				
REMARKS:					

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER	Hour & Date Well Shut-in	Length of Time Shut-in	Shut-in Pressure, PSIG	Stabilized Pressure
COMPLETION:	2-25-63	21 days	1066 (C&T)	(XXXXX No)
LOWER	Hour & Date Well Shut-in	Length of Time Shut-in	Shut-in Pressure, PSIG	Stabilized Pressure
COMPLETION:	3-11-63	7 days	1331	(XXXXX No)

FLOW TEST NO. 2

Zone Producing (Upper or Lower)		Upper		Hour & Date Flow Started		3-18-63	
LAPSED TIME	FLOWING ZONE	WORKING COLUMN	SHUT-IN ZONE	FLOWING	REMARKS		
SINCE FLOW BEGAN	PRESSURE, PSIG	PRESSURE, PSIG	PRESSURE, PSIG	TEMPERATURE			
3 days	179	558	1285				
7 days	178	519	1262				

OIL PRODUCED	Total Bbls.	Number Hours	Oil Rate:	Gravity	Gas Oil Ratio
			Bbl. D		
GAS PRODUCED	Rate of Flow	Tested Through			
	543 MCF/D (Columbometer Meter)				
REMARKS:					

See next page.

NEW MEXICO OIL CONSERVATION COMMISSION
NORTHWEST NEW MEXICO PACKER - LEAKAGE TEST

FORM PL-NW-1
REVISED 6-1-59

Operator El Paso Natural Gas Company		Lease Huerfano		Well No. 60 (GD)	
Location of Well: Unit M Sec. 4 Twp 26 Rge 9		County: San Juan	Type of Test: Initial	Date: Annual 1963	
UPPER COMPLETION:	Name of Reservoir or Pool Gallup	Oil or Gas Oil	Flowing or Artificial Lift Flowing	Producing Casing or Tubing Tubing	
LOWER COMPLETION:	Name of Reservoir or Pool Dakota	Oil or Gas Gas	Flowing or Artificial Lift Flowing	Producing Casing or Tubing Tubing	

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER	Hour & Date Well Shut-in	Length of Time Shut-in	Shut-in Pressure, PSIG	Stabilized Pressure
COMPLETION:	3-25-63	15 days	1099 (O&T)	(Yes No)
LOWER	Hour & Date Well Shut-in	Length of Time Shut-in	Shut-in Pressure, PSIG	Stabilized Pressure
COMPLETION:	4-2-63	7 days	1389	(Yes No)
FLOW TEST NO. 1	Zone Producing (Upper or Lower)			Hour & Date Flow Started

FLOW TEST NO. 1

LAPSED TIME SINCE FLOW BEGAN	SHUT-IN ZONE PRESSURE, PSIG	WORKING COLUMN PRESSURE, PSIG	FLOWING ZONE PRESSURE, PSIG	FLOWING TEMPERATURE	REMARKS
	Csg.	Tbg.			
30 min.	1101	1101	825		
60 min.	1099	1100	777		
165 min.	1090	1092	711		
24 hr.	1073	1073	533		

OIL PRODUCED	Total Bbl's.	Number Hours	Oil Rate:	Gravity	Gas Oil Ratio
				Bbl. D	
GAS PRODUCED	Rate of Flow	Tested Through			
	1153 MCF/D (Choke-off Meter)				

REMARKS: The Dakota zone was produced into the pipeline for 24 hrs. with a bottom hole pressure bomb at 5846' in the Gallup tubing. Initial BHP (GL) = 1327 psig. Final BHP (GL) = 1281 psig. BHT = 178°F.

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER COMPLETION:	Hour & Date Well Shut-in	Length of Time Shut-in	Shut-in Pressure PSIG	Stabilized Pressure (Yes or No)
LOWER COMPLETION:	Hour & Date Well Shut-in	Length of Time Shut-in	Shut-in Pressure PSIG	Stabilized Pressure (Yes or No)
		Zone Producing (Upper or Lower)	Hour & Date Flow Started	

FLOW TEST NO. 2

LAPSED TIME SINCE FLOW BEGAN	FLOWING ZONE PRESSURE, PSIG	WORKING COLUMN PRESSURE, PSIG	SHUT-IN ZONE PRESSURE, PSIG	FLOWING TEMPERATURE	REMARKS
OIL PRODUCED	Total Bbls.	Number Hours	Oil Rate:	Bbl./D	Gravity Gas Oil Ratio
GAS PRODUCED	Rate of Flow	Tested Through	MCF/D (Choke or Meter)		

REMARKS

Returned to Prod. Engr. L-10-63

The results of this test indicate ~~(No Packer Leakage)~~ (Packer Leakage) in this well.

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

Approved:

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR ~~EL PASO NATURAL GAS COMPANY~~

BY:

H. L. Kendrick

TITLE

Sr. Gas Engineer

DATE _____

April 10, 1963