

# El Paso Natural Gas Company

El Paso, Texas 79999

August 14, 1972

ADDRESS REPLY TO  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO 87401

Mr. Emery Arnold  
New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Subject: Packer-Leakage Tests  
Allison Unit #10 (MD)  
San Juan 27-5 Unit #47 (PM)  
San Juan 28-5 Unit #34 (MD)

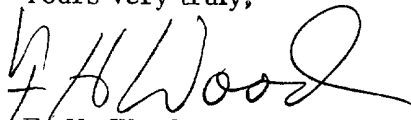
Dear Mr. Arnold:

This refers to our telephone conversation of August 10, 1972, and to previous correspondence regarding the above subject.

As you know, surface pressure readings during annual packer leakage tests indicated communication between producing zones. Subsequent attempts to locate the leaks by use of temperature logs and setting plug chokes indicated no communication. Consequently, the wells were re-tested for communication by setting a bottom hole pressure bomb in one zone and blowing the other zone to atmosphere. In each case the new test indicated no communication and a new packer leakage test is submitted herewith.

It is requested that the new tests be accepted and that the original tests with your notification to repair be voided.

Yours very truly,



F. H. Wood  
Division Petroleum Engineer



FHW:pb  
encs.

cc: W. G. Cutler  
C. L. Higgins

John Magruder  
L. G. Truby

D. C. Adams  
C. E. Matthews

L. E. Mabe  
Well File

Operator <b>El Paso Natural Gas Company</b>		Well Name and Number <b>Albion Unit No. 10 (ND)</b>	
Location of Well <b>Unit 2 Sec. 20 Twp. 30N Rge. 6E</b>		TYPE OF TEST <b>1972</b>	Annual - (give Year) Initial - (give Date)
UPPER COMPLETION	Reservoir or Pool <b>IV</b>	<input checked="" type="checkbox"/> GAS <input type="checkbox"/> OIL	<input checked="" type="checkbox"/> FLOWING <input type="checkbox"/> ARTIFICIAL LIFT
LOWER COMPLETION	Reservoir or Pool <b>DI</b>	<input checked="" type="checkbox"/> GAS <input type="checkbox"/> OIL	<input checked="" type="checkbox"/> FLOWING <input type="checkbox"/> ARTIFICIAL LIFT
		<input type="checkbox"/> NEW <input type="checkbox"/> OWWO	Production String <input type="checkbox"/> CASING <input type="checkbox"/> TUBING
		Production String <input type="checkbox"/> CASING <input type="checkbox"/> TUBING	

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER COMPLETION	Date Well Shut-In <b>7-31-72</b>	No. Days Shut-In <b>4</b>	Shut-In Pressure - Psig <b>631</b> CASING <b>631</b> TUBING	Stabilized Pressure <input type="checkbox"/> YES <input type="checkbox"/> NO
LOWER COMPLETION	Date Well Shut-In <b>7-31-72</b>	No. Days Shut-In <b>4</b>	Shut-In Pressure - Psig <b>1215</b> CASING <b></b> TUBING	Stabilized Pressure <input type="checkbox"/> YES <input type="checkbox"/> NO

FLOW TEST NO. 1

Zone Producing  UPPER  LOWER

Date Flow Started

LAPSED TIME SINCE FLOW BEGAN	SHUT-IN ZONE PRESSURES - PSIG		PRODUCING ZONE PRESSURES - PSIG		FLOWING TEMP. °F	REMARKS:
	CASING	TUBING	FLOWING	WORKING		
15 Min.		631	140			A B.H.P. gage was run to 5465' in the m.v. string and left while flowing the Dakota 3 hours. The initial B.H.P., <del>after 3 hour flow</del> was 704 psig. and the final B.H.P., after 3 hour flow was 704 psig.
30 Min.		631	83			
45 Min.		631	40			
1 Hour		631	12			
2 Hours		631	6			
3 Hours		631	4			

GAS: MCFD METER  CHOKE  OIL: RATE - BBL./D GRAVITY °API

REMARKS: This well has a cross-over in it and the Mesa Verde, instead of the Dakota is produced through the tubing. Attached is a copy of the original 1972 Packer Leakage Test.


SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure <input type="checkbox"/> YES <input type="checkbox"/> NO
LOWER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure <input type="checkbox"/> YES <input type="checkbox"/> NO

FLOW TEST NO. 2

Zone Producing  UPPER  LOWER

Date Flow Started

LAPSED TIME SINCE FLOW BEGAN	PRODUCING ZONE PRESSURES - PSIG		SHUT-IN ZONE PRESSURES - PSIG		FLOWING TEMP. °F	REMARKS:
	FLOWING	WORKING	CASING	TUBING		
						

GAS: MCFD METER  CHOKE  OIL: RATE - BBL./D GRAVITY °API

REMARKS:

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

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

APPROVED 8-14, 19 72  
NEW MEXICO OIL CONSERVATION COMMISSION

BY Paul Kendrick  
PETROLEUM ENGINEER DIST. NO. 3

OPERATOR El Paso Natural Gas Company

BY J. A. Jones  
J. A. Jones  
TITLE Field Engineer

DATE August 14, 1972

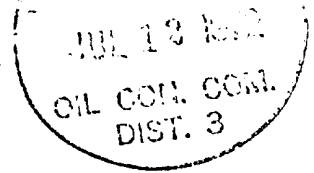
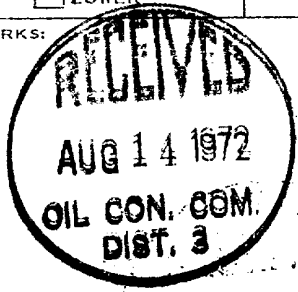
Operator El Paso Natural Gas Company		Well Name and Number Allison Unit No. 10 (10)	
Location of Well Unit E Sec. 20 Twp. 38N Rge. 6W		TYPE OF TEST --> 1972	Annual (Give Year) <input type="checkbox"/> NEW <input type="checkbox"/> GWWO
UPPER COMPLETION	Reservoir or Pool Mesa Verde	<input checked="" type="checkbox"/> GAS <input type="checkbox"/> OIL	<input checked="" type="checkbox"/> FLOWING <input type="checkbox"/> ARTIFICIAL LIFT
LOWER COMPLETION	Reservoir or Pool Dakota	<input checked="" type="checkbox"/> GAS <input type="checkbox"/> OIL	<input checked="" type="checkbox"/> FLOWING <input type="checkbox"/> ARTIFICIAL LIFT
			Production String <input type="checkbox"/> CASING <input checked="" type="checkbox"/> TUBING

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER COMPLETION	Date Well Shut-In 6-25-72	No. Days Shut-In 3	Shut-In Pressure - Psig CASING 646 TUBING	Stabilized Pressure <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
LOWER COMPLETION	Date Well Shut-In 6-25-72	No. Days Shut-In 3	Shut-In Pressure - Psig CASING 1370 TUBING	Stabilized Pressure <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
FLOW TEST NO. 1			Zone Producing <input type="checkbox"/> UPPER <input checked="" type="checkbox"/> LOWER	Date Flow Started 6-28-72		
LAPSED TIME SINCE FLOW BEGAN	SHUT-IN ZONE PRESSURES - PSIG		PRODUCING ZONE PRESSURES - PSIG		FLOWING TEMP. °F	REMARKS:
	CASING	TUBING	FLOWING	WORKING		
15 min.		646		88		
30 min.		645		33		
45 Min.		644		38		
1 Hour		644		31		
2 Hour		---		--		
3 Hours		641		7		
GAS 87	MCFD METER <input type="checkbox"/>	CHOKE <input checked="" type="checkbox"/>	OIL	RATE - BBL./D	GRAVITY	*API
REMARKS:						

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure <input type="checkbox"/> YES <input type="checkbox"/> NO		
LOWER COMPLETION	Date Well Shut-In	No. Days Shut-In	Shut-In Pressure - Psig CASING TUBING	Stabilized Pressure <input type="checkbox"/> YES <input type="checkbox"/> NO		
FLOW TEST NO. 2			Zone Producing <input type="checkbox"/> UPPER <input type="checkbox"/> LOWER	Date Flow Started		
LAPSED TIME SINCE FLOW BEGAN	PRODUCING ZONE PRESSURES - PSIG		SHUT-IN ZONE PRESSURES - PSIG		FLOWING TEMP. °F	REMARKS:
	FLOWING	WORKING	CASING	TUBING		
GAS	MCFD METER <input type="checkbox"/>	CHOKE <input type="checkbox"/>	OIL	RATE - BBL./D	GRAVITY	*API
REMARKS:						



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

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

*6 water notified to repair*  
 VED 7-17-72, 1972  
 NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR El Paso Natural Gas Company  
 BY J. Jones  
 TITLE Well Test Engineer  
 DATE July 10, 1972