

OK

OIL CONSERVATION COMMISSION

1000 RIO BRAZOS ROAD

AZTEC, NEW MEXICO

June 20, 1963

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

Attn: Mr. E. S. Oberly

*Re: El Paso Nat. Gas #85 SJU 28-6
NE 25-27N-6W, Rio Arriba County*

Gentlemen:

Packer leakage test submitted to this office June 19, 1963 on the above well indicates that there is communication between the producing formations.

You are, therefore, directed to take immediate remedial action to separate the producing zones, and upon completion of the workover, re-file packer leakage test with this office.

Yours very truly

*Emery C. Arnold
Supervisor, District #3*

ECR:ks

cc: OCC, Santa Fe, N.M.

EL PASO NATURAL GAS COMPANY


Memorandum

To: Mr. A. J. Dudenhoeffer Date: June 12, 1963
From: Gas Engineering Department Place: Farmington, New Mexico

SUBJECT: 1963 Packer Leakage Test on El Paso Natural Gas Company
Well San Juan Unit 28-6 No. 85 (PM), NE Sec. 25-27-6,
Rio Arriba County, New Mexico.

Communication between the producing zones of the subject dually completed well was found to exist by tests completed on 6-10-63. 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 (W/O Attachment)
O.C.C., Aztec (3) ✓
W. M. Rodgers (W/O Attachment)
Bob Wimsatt (W/O Attachment)
File (2)



PAGE 1 - CORRECTED COPY

Operator El Paso Natural Gas Company		Lease San Juan Unit 28-6		Well No. 85 (PM)
Location of Well: Unit 7 Sec. 25 Twp 27 Rge 6		County:	Type of Test: Initial _____ Annual 1963	DATE _____ YEAR
UPPER COMPLETION:	Name of Reservoir or Pool Pictured Cliffs	Oil or Gas Gas	Flowing or Artificial Lift Flowing	Producing Casing or Tubing Casing
LOWER COMPLETION:	Name of Reservoir or Pool Mesa Verde	Oil or Gas Gas	Flowing or Artificial Lift Flowing	Producing Casing or Tubing Tubing

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER COMPLETION:	Hour & Date Well Shut-in 5-13-63	Length of Time Shut-in 7 days	Shut-in Pressure, PSIG 641(C) 640(T)	Stabilized Pressure XXXXXX No)
LOWER COMPLETION:	Hour & Date Well Shut-in 5-13-63	Length of Time Shut-in 7 days	Shut-in Pressure, PSIG 858	Stabilized Pressure XXXXXX No)

FLOW TEST NO. 1

Zone Producing (Upper or Lower) Lower		Hour & Date Flow Started 5-20-63			
LAPSED TIME SINCE FLOW BEGAN	SHUT-IN ZONE PRESSURE, PSIG	WORKING COLUMN PRESSURE, PSIG	FLOWING ZONE PRESSURE, PSIG	FLOWING TEMPERATURE	REMARKS
3 days	624(C) 623(T)		540		
7 days	619(C) 617(T)		553		
OIL PRODUCED	Total Bbls.	Number Hours	Oil Rate: Bbl./D	Gravity	Gas Oil Ratio
GAS PRODUCED	Rate of Flow 807 MCF/D	Tested Through XXXXXX Meter)			

REMARKS:

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER COMPLETION:	Hour & Date Well Shut-in 5-13-63	Length of Time Shut-in 21 days	Shut-in Pressure, PSIG 651 (C & T)	Stabilized Pressure XXXXXX No)
LOWER COMPLETION:	Hour & Date Well Shut-in 5-27-63	Length of Time Shut-in 7 days	Shut-in Pressure, PSIG 796	Stabilized Pressure XXXXXX No)

FLOW TEST NO. 2

Zone Producing (Upper or Lower) Lower		Hour & Date Flow Started 6-3-63			
LAPSED TIME SINCE FLOW BEGAN	FLOWING ZONE PRESSURE, PSIG	WORKING COLUMN PRESSURE, PSIG	SHUT-IN ZONE PRESSURE, PSIG	FLOWING TEMPERATURE	REMARKS
15 min.	283		Csg. 652 Tbg. 651	62	
30 min.	275		651 650	64	
45 min.	263		650 650	65	
60 min.	257		650 650	65	
120 min.	222		649 649	66	
180 min.	215		647 646	66	
		(Calc.) 432			
OIL PRODUCED	Total Bbls.	Number Hours	Oil Rate: Bbl./D	Gravity	Gas Oil Ratio
GAS PRODUCED	Rate of Flow 2682 MCF/D	Tested Through (Choke XXXXXX Meter)			

REMARKS

See Next Page.

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.

Operator Notified To
Repair
Approved **6-19-63**
NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR _____

BY _____

BY: *James C. Christ*

TITLE _____

TITLE: _____

DATE _____

PAGE 2

Operator El Paso Natural Gas Company		Lease San Juan Unit 28-6		Well No. 85 (PM)	
Location of Well: Unit G Sec. 25 Twp 27 Rge 6		County:		Type of Test: Initial _____ Annual 1963	
UPPER COMPLETION:	Name of Reservoir or Pool Pictured Cliffs	Oil or Gas Gas	Flowing or Artificial Lift Flowing	Producing Casing or Tubing Casing	
LOWER COMPLETION:	Name of Reservoir or Pool Mesa Verde	Oil or Gas Gas	Flowing or Artificial Lift Flowing	Producing Casing or Tubing Tubing	
SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1					
UPPER COMPLETION:	Hour & Date Well Shut-in 5-13-63	Length of Time Shut-in 28 days	Shut-in Pressure, PSIG 670 (C & T)	Stabilized Pressure (Yes or No) Yes	
LOWER COMPLETION:	Hour & Date Well Shut-in 6-3-63	Length of Time Shut-in 7 days	Shut-in Pressure, PSIG 823	Stabilized Pressure (Yes or No) Yes	
FLOW TEST NO. 1		Zone Producing (Upper or Lower) Upper		Hour & Date Flow Started 6-10-63	
LAPSED TIME SINCE FLOW BEGAN	SHUT-IN ZONE PRESSURE, PSIG	WORKING COLUMN PRESSURE, PSIG	FLOWING ZONE PRESSURE, PSIG	FLOWING TEMPERATURE	REMARKS
15 min.	823	372	333	56	
30 min.	823	257	251	56	
45 min.	824	181	171	57	
60 min.	824	156	151	58	
120 min.	824	86	81	60	
180 min.	824	74	69	60	
OIL PRODUCED	Total Bbls.	Number Hours	Oil Rate: Bbl./D	Gravity	Gas Oil Ratio
GAS PRODUCED	Rate of Flow 967 MCF/D	Tested Through (Choke or Meter) 700 MCF/D			
REMARKS: Returned to Prod. Engineering 6-12-63.					
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)	
FLOW TEST NO. 2		Zone Producing (Upper or Lower)		Hour & Date Flow Started	
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 MCF/D	Tested Through (Choke or Meter)			
REMARKS					
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.					
Operator Notified to repair Approved 6-19 1963 NEW MEXICO OIL CONSERVATION COMMISSION		OPERATOR EL PASO NATURAL GAS COMPANY BY H. L. Kendrick TITLE Area Gas Well Test Engineer DATE June 12, 1963			

EL PASO NATURAL GAS COMPANY

Memorandum

To Mr. A. J. Dudenhoeffer
From: Gas Engineering Department

Date: June 12, 1963
Place: Farmington, New Mexico

SUBJECT: 1963 Packer Leakage Test on El Paso Natural Gas Company
Well San Juan Unit 28-6 No. 85 (PM), NE Sec. 25-27-6,
Rio Arriba County, New Mexico.

Communication between the producing zones of the subject dually
completed well was found to exist by tests completed on 6-10-63.
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 (W/O Attachment)
O.C.C., Aztec (3)
W. M. Rodgers (W/O Attachment)
Bob Wimsatt (W/O Attachment)
File (2)



PAGE 1

Operator El Paso Natural Gas Company		Lease San Juan Unit 28-6		Well No. 85 (PM)	
Location of Well: Unit 0 Sec. 25 Twp 27 Rge 6		County:		Type of Test: Initial _____ DATE _____ Annual 1963 YEAR	
UPPER COMPLETION:	Name of Reservoir or Pool Pictured Cliffs	Oil or Gas Gas	Flowing or Artificial Lift Flowing		Producing Casing or Tubing Casing
LOWER COMPLETION:	Name of Reservoir or Pool Mesa Verde	Oil or Gas Gas	Flowing or Artificial Lift Flowing		Producing Casing or Tubing Tubing

SHUT - IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER COMPLETION:	Hour & Date Well Shut-in 5-13-63	Length of Time Shut-in 7 days	Shut-in Pressure, PSIG 641(C) 640(T)	Stabilized Pressure (No)
LOWER COMPLETION:	Hour & Date Well Shut-in 5-13-63	Length of Time Shut-in 7 days	Shut-in Pressure, PSIG 858	Stabilized Pressure (No)

FLOW TEST NO. 1

Zone Producing (Upper or Lower)
Lower

Hour & Date Flow Started
5-20-63

LAPSED TIME SINCE FLOW BEGAN	SHUT-IN ZONE PRESSURE, PSIG	WORKING COLUMN PRESSURE, PSIG	FLOWING ZONE PRESSURE, PSIG	FLOWING TEMPERATURE	REMARKS
3 days	624(C) 623(T)		540		
7 days	619(C) 617(T)		553		
OIL PRODUCED	Total Bbls.	Number Hours	Oil Rate: Bbl./D	Gravity	Gas Oil Ratio
GAS PRODUCED	Rate of Flow 807 MCF/D	Tested Through (Choke) Meter)			

REMARKS:

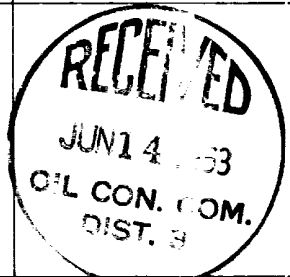
SHUT - IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER COMPLETION:	Hour & Date Well Shut-in 5-13-63	Length of Time Shut-in 21 days	Shut-in Pressure, PSIG 651 (C & T)	Stabilized Pressure (No)
LOWER COMPLETION:	Hour & Date Well Shut-in 5-27-63	Length of Time Shut-in 7 days	Shut-in Pressure, PSIG 796	Stabilized Pressure (No)

FLOW TEST NO. 2

Zone Producing (Upper or Lower)
Lower

Hour & Date Flow Started
6-3-63

LAPSED TIME SINCE FLOW BEGAN	FLOWING ZONE PRESSURE, PSIG	WORKING COLUMN PRESSURE, PSIG	SHUT-IN ZONE PRESSURE, PSIG	FLOWING TEMPERATURE	REMARKS
15 min.	652 651		283	62	
30 min.	651		275	64	
45 min.	650		263	65	
60 min.	650		257	65	
120 min.	649		222	66	
180 min.	647	(Calc.) 432	215	66	
OIL PRODUCED	Total Bbls.	Number Hours	Oil Rate: Bbl./D	Gravity	Gas Oil Ratio
GAS PRODUCED	Rate of Flow 2682 MCF/D	Tested Through (Choke) Meter)			

REMARKS

See Next Page.

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 _____ 19_____
NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR _____

BY _____

BY: _____

TITLE _____

TITLE: _____

DATE _____

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

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

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Operator El Paso Natural Gas Company		Lease San Juan Unit 28-6		Well No. 85 (FM)
Location of Well: Unit 9 Sec. 25 Twp 27 Rge 6		County:	Type of Test: Initial _____ DATE _____ Annual 1963 YEAR	
UPPER COMPLETION:	Name of Reservoir or Pool Pictured Cliffs	Oil or Gas Gas	Flowing or Artificial Lift Flowing	Producing Casing or Tubing Casing
LOWER COMPLETION:	Name of Reservoir or Pool Mesa Verde	Oil or Gas Gas	Flowing or Artificial Lift Flowing	Producing Casing or Tubing Tubing

SHUT - IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER COMPLETION:	Hour & Date Well Shut-in 5-13-63	Length of Time Shut-in 28 days	Shut-in Pressure, PSIG 670 (C & T)	Stabilized Pressure (Yes No)
LOWER COMPLETION:	Hour & Date Well Shut-in 6-3-63	Length of Time Shut-in 7 days	Shut-in Pressure, PSIG 823	Stabilized Pressure (Yes No)

FLOW TEST NO. 1

Zone Producing (Upper or Lower) Upper		Hour & Date Flow Started 6-10-63			
LAPSED TIME SINCE FLOW BEGAN	SHUT-IN ZONE PRESSURE, PSIG	WORKING COLUMN PRESSURE, PSIG	FLOWING ZONE PRESSURE, PSIG	FLOWING TEMPERATURE	REMARKS
15 min.	823	372	333	56	
30 min.	823	257	251	56	
45 min.	824	181	171	57	
60 min.	824	156	151	58	
120 min.	824	86	81	60	
180 min.	824	74	69	60	
OIL PRODUCED	Total Bbls.	Number Hours	Oil Rate: Bbl./D	Gravity	Gas Oil Ratio
GAS PRODUCED	Rate of Flow 967 MCF/D	Tested Through (Choke and meter)			

REMARKS:

Returned to Prod. Engineering 6-12-63.

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)

FLOW TEST NO. 2

Zone Producing (Upper or Lower)		Hour & Date Flow Started			
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 MCF/D	Tested Through (Choke or Meter)			

REMARKS

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 _____ 19 _____
NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR **EL PASO NATURAL GAS COMPANY**

BY **H. L. Kendrick**

TITLE **Area Gas Well Test Engineer**

DATE **June 12, 1963**