

EL PASO NATURAL GAS COMPANY

P. O. Box 997
Farmington, New Mexico

September 16, 1958



Mr. E. C. Arnold
Oil Conservation Commission
1000 Rio Hrazos Road
Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, Tapp No. 4 (PM), 800S, 840W;
16-28-8, San Juan County, New Mexico
(Name - Location - Company)

Dear Mr. Arnold:

The subject well was dually completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 2500 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours Sept. 8, 1958 with the following data obtained:

PC SIC 911 psig; Shut-in 15 days
PC SIC 911 psig;
MV SIC 1011 psig; Shut-in 15 days

Time Minutes	(MV) Flowing Pressure Tubing Psig	(PC) SIC (C) Psig	(MV) Working Pressure, Psig	Temp ° F
0		911		
15	454	914		71
30	436	914		72
45	423	914		72
60	407	914		73
180	354	914	Calc. 674	74

The choke volume for the Mesa Verde was 4289 MCF/D with an AOF of 6712 MCF/D.

The Pictured Cliffs zone was tested September 16, 1958 with a 3/4" choke for 3 hours with the following data obtained:

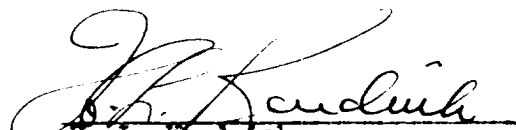
PC SIC 927 psig; Shut-in 23 days
PC SIC 927 psig;
MV SIC 1018 psig; Shut-in 8 days

Time Minutes	(PC) Flowing Pressure		(MV) SIP (T) Psig	(PC) Working Pressure, Psig	Temp ° F
	Casing	Psig			
0			1018		
15	465		1018		60
30	334		1018		62
45	284		1019		63
60	244		1019		64
120	196		1020		66
180	172		1020	Calc. 178	67

The choke volume for the Pictured Cliffs test was 2256 MCF/D with an AOF
of 2338 MCF/D.

The results of the above tests indicate there is no packer leakage.

Very truly yours,


H. L. Kendrick
Gas Engineer

HLK/nb

cc: A. M. Rodgers
E. S. Oberly (6)
File

EL PASO NATURAL GAS COMPANY

Farmington, New Mexico

Date: September 16, 1958



Mr. E. C. Arnold
Oil Conservation Commission
100 Rio Brazos Road
Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas Company Well, Tapp No. 4 (P), 800S, 840W;
16-28-8, San Juan County, New Mexico
(Name - Location - County)

Dear Mr. Arnold:

The subject well was dually completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 2500 feet. The Pictured Cliffs zone was tested through (MV - PC) 3/4" choke for three hours Sept. 16, 1958 with the following data obtained:
(Date)

PC	SIFT	<u>927</u>	psig;)	shut-in	<u>23</u>	days
PC	SIFT	<u>927</u>	psig;)			
MV	SIFT	<u>1018</u>	psig;)	shut-in	<u>8</u>	days

Time Minutes	(PC) Flowing pressure Psig	(MV) SIF () Psig	(PC) Working Pressure, Psig	Temp °F
0		1018		
15	465	1018		60
30	334	1018		62
45	284	1019		63
60	244	1019		64
120	196	1020		66
180	172	1020	Calc. 178	67

The choke volume for the Pictured Cliffs was 2256 MCF/D with an SIF of 2338 MCF/D.
(PC - MV)

The results of the above test indicate there is no packer leakage.

Witnessed by: _____

Tested by: M. W. Rischard