

EL PASO NATURAL GAS COMPANY

*Int all
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P. O. Box 997
Farmington, New Mexico

June 12, 1958

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

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, San Juan 28-6 Unit 81 (PM), 8908,
890W; 12-27-57; Rio Arriba, New Mexico.

Dear Mr. Arnold:

The subject well was dually completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 3409 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours May 29, 1958 with the following data obtained:

	PC	SIPC	978	psig;	Shut-in	19	days	
	PC	SIPT	979	psig;				
	MV	SIPT	1067	psig;	Shut-in	19	days	
<u>Time</u>	MV	Flowing	Pressure					
<u>Minutes</u>		<u>Tubing</u>	<u>Psig</u>		<u>PC</u>	<u>SIPC</u>	<u>Psig</u>	<u>Temp ° F</u>
0		-				978		-
15		483				980		65
30		411				980		65
45		377				980		66
60		358				980		66
180		301				982		68
							Calc. 601	

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The choke volume for the Mesa Verde was 3684 MCF/D with an AOF of 4936 MCF/D.

The Pictured Cliffs zone was tested June 5, 1958 with a 3/4" choke for 3 hours with the following data obtained:

PC SIPC 1002 psig; Shut-in 26 days
PC SIPT 1002 psig;
MV SIPT 1067 psig; Shut-in 7 days

June 12, 1958

<u>Time Minutes</u>	<u>PC Flowing Pressure Casing Psig</u>	<u>INV SEPT Psig</u>	<u>PC Working Pressure, Psig</u>	<u>Temp ° F</u>
0	-	1067		-
15	530	1067		59
30	450	1068		60
45	444	1068		61
60	454	1070		62
180	353	1073	Tbg. 377	64

The choke volume for the Pictured Cliffs test was 4611 MCF/D with an AOF of 5279 MCF/D.

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

Very truly yours,


Jess Goodwin

JG/nb

cc: W. M. Rodgers
E. S. Oberly (5)
File

