

EL PASO NATURAL GAS COMPANY

Farmington, New Mexico

Date: August 14, 1958

*Account
Open
8-25-58*

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

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, San Juan 27-5 Unit 35 (PM)
1120S, 990W; 33-27-5, Rio Arriba, New Mexico
(Name - Location - County)

Dear Mr. Arnold:

The subject well was finally completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 3385 feet. The Pictured Cliffs zone was tested through (MV - PC) 1 1/4" choke for three hours August 14, 1958 with the following data obtained:
(Date)

PC	SIFC	<u>1000</u>	psig:)	shut-in	<u>19</u>	days
PC	SIFT	<u>1000</u>	psig:)			
MV	SIFT	<u>1081</u>	psig:	shut-in	<u>7</u>	days

Time Minutes	(PC) Flowing Pressure	(MV) SIF (T) Psig	(PC) Working Tbg.	Temp. °F
	Casing Psig		Pressure, Psig	
15	320	1079	341	56
30	220	1075	230	58
45	198	1053	204	60
60	187	1034	194	61
180	137	937	142	63

The choke volume for the was GCF/D with an IOP of MCF/D.

The above results indicate some type of inter-zone communication.



Witnessed by: Fred Cook

Tested by: Frank Clark