

EL PASO NATURAL GAS COMPANY

P.O. Box 997
Farmington, New Mexico

August 7, 1958

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

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, San Juan 27-4 Unit 17 (PM),
810S, 1150W; 29-27-4, Rio Arriba, New Mex.
(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 3888 feet. The Mesa Verde zone was tested
through a $3/4$ " choke for three hours July 31, 1958 with the following data obtained:

	PC SHC	<u>1002</u>	psig.	Shut-in	<u>14</u>	days
	PC SHC	<u>1002</u>	psig:			
	PC SHC	<u>1134</u>	psig:	Shut-in	<u>14</u>	days
Time Minutes	[MV] Flowing Pressure Tubing	psig	(PC) SHC (C)	psig	[MV] Flowing Pressure, psig	Temp ° F
15		378		1005		63
30		324		1006		64
45		296		1006		65
60		270		1006		65
120		223		1006		65
180		196		1006	Calc. 408	65

The choke volume for the Mesa Verde was 2414 SCF/D with an API of
2690 SCF/D.

The Pictured Cliffs zone was tested August 7, 1958 with a $3/4$ " choke
for 3 hours with the following data obtained:

PC SHC	<u>1018</u>	psig;	Shut-in	<u>21</u>	days
PC SHC	<u>1018</u>	psig:			
PC SHC	<u>1127</u>	psig.	Shut-in	<u>7</u>	days

