

EL PASO NATURAL GAS COMPANY

P. O. Box 397
Farmington, New Mexico

June 18, 1958

Mr. T. C. Arnold
Oil Conservation Commission
1912 Rio Brazos Road
Alamo, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, San Juan 28-7 No. 82 (PM), 1190N,
1190E, 4-27-4, Rio Arriba County, 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 5465 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours June 8, 1958, with the following data obtained:

PC SI-PC 1076 psig; Shut-in 14 days
PC SI-PC 1072 psig;
MV SI-PC 1072 psig; Shut-in 43 days

Time Minutes	MV Flowing Pressure Tubing Psig	PC SI-PC Psig	MV Working Pressure, Psig	Temp ° F
0	-	1076		-
15	618	1072		-
30	580	1072		67
45	454	1072		65
60	418	1072		67
75	380	1072	753 Calc.	67

The choke volume for the Mesa Verde was 4847 MCF/D with an AOF of 7625 MCF/D.

The Pictured Cliffs zone was tested June 9, 1958 with a 3/4" choke for 3 hours with the following data obtained:

PC SI-PC 1074 psig; Shut-in 21 days
PC SI-PC 1072 psig;
MV SI-PC 1072 psig; Shut-in 7 days