

EL PASO NATURAL GAS COMPANY

P. O. Box 997
Burlington, New Mexico

August 7, 1958

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

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, San Juan 27-4 Unit 17 (FM),
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 SHTC 1002 psig; Shut-in 14 days
PC SHTC 1002 psig;
CV SHTT 1134 psig; Shut-in 14 days

Time Minutes	(MV) Flowing Pressure Tubing psig	(PC) SHT (C) psig	(MV) Working 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 MCF/D with an AOP of 2690 MCF/D.

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

PC SHTC 1018 psig; Shut-in 21 days
PC SHTT 1018 psig;
MV SHTT 1127 psig; Shut-in 7 days

