

EL PASO NATURAL GAS COMPANY

Farmington, New Mexico

Date: June 5, 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 27-5 Unit 31 (PM)
990N, 990E, 24-27-5, Rio Arriba, New Mex.
(Name - Location - County)

Dear Mr. Arnold:

The subject well was dually completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 5704 feet. The Mesa Verde zone was tested through (MV - PC) a 3/4" choke for three hours June 5, 1958 with the following data obtained:
(Date)

PC SIPC 867 psig;) shut-in 7 days
PC SIPT 867 psig;)
MV SIPT 1080 psig; shut-in 7 days

Time Minutes	(MV) Flowing Pressure Tubing Psig	(PC) SIP (C) Psig	(PC) Working Pressure, Psig	Temp ° F
0	1080 (SIPT)	867 (SIPC)	Calc.	-
15	406	871		70
30	354	871		72
45	330	871		72
60	308	872		72
180	262	872		73
240	239	873	487	73

The choke volume for the Mesa Verde was 2,970 MCF/D with an AOF
of 3,541 MCF/D. (PC - MV)

Witnessed by: Fred Cook N.M.O.C.C.

Tested by: Frank M. Clark