

EL PASO NATURAL GAS COMPANY

P. O. Box 997
Farmington, N.M.

October 11, 1957

Mr. E. C. Arnold
Oil Conservation Commission
120 East Chaco
Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural
Gas Company Well, San Juan 28-7 Unit No. 79,
(PM), NE 11-27-7, Rio Arriba County, N.M.

Dear Mr. Arnold:

The subject well was dually completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 2989 feet. The Pictured Cliffs zone was tested through a 3/4" choke for three hours October 2, 1957 with the following data obtained:

Pictured Cliffs SIPC - 1005 psig; shut-in 7 days
Pictured Cliffs SIPT - 1005 psig

Mesa Verde SIPT - 1065 psig; shut-in 7 days

<u>Time Minutes</u>	<u>PC Flowing Pressure Casing Psig</u>	<u>MV SIPT Psig</u>	<u>PC Working Pressure, Psig</u>	<u>Temp ° F</u>
15	484	1065		64
30	325	1065		65
45	244	1065		65
60	205	1065		67
180	125	1065	128	67

The choke volume for the Pictured Cliffs was 1593 MCF/D with an A.O.F. of 1619 MCF/D.

The Mesa Verde zone was tested October 10, 1957 with a 3/4" choke for three hours with the following data obtained:

Pictured Cliffs SIPC - 1035 psig; shut-in 8 days
Pictured Cliffs SIPT - 1035 psig

Mesa Verde SIPT - 1066 psig; shut-in 15 days

