

EL PASO NATURAL GAS COMPANY

P. O. Box 907
Farmington, New Mexico

August 6, 1958

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

CORRECTED COPY

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, San Juan 28-6 Unit 79 (MP),
1180S, 1090W; 11-27-6, 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 3268 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours July 30, 1958 with the following data obtained:

	PC SIPT	<u>889</u>	psig; Shut-in	<u>10</u>	days
	PC SIPT	<u>889</u>	psig;		
	MV SIPT	<u>1015</u>	psig; Shut-in	<u>10</u>	days

Time Minutes	(MV) Flowing Pressure Tubing Psig	(PC) SIP (C) Psig	(MV) Working Pressure, Psig	Temp ° F
0		889		
15	465	893		64
30	410	893		65
45	385	893		66
60	369	894		67
180	302	894	Calc. 604	68

The choke volume for the Mesa Verde was 3695 MCF/D with an AOF of 5166 MCF/D.

The Pictured Cliffs zone was tested August 6, 1958 with a 3/4" choke for 3 hours with the following data obtained:

PC SIPT	<u>933</u>	psig; Shut-in	<u>17</u>	days
PC SIPT	<u>934</u>	psig;		
MV SIPT	<u>1029</u>	psig; Shut-in	<u>7</u>	days



July 6, 1958

Time Minutes	(PC) Flowing Pressure Casing Psig	(MV) SH (T) Psig	(PC) Working Pressure, Psig	Temp ° F
0		1029		
15	353	1029		56
30	217	1029		57
45	165	1029		58
60	144	1030		59
180	89	1032	93	62

The choke volume for the Pictured Cliffs test was 1181 MCF/D with an AOF
of 1193 MCF/D.

The results of the above tests indicate there is no packer leakage.

Very truly yours,

M W Rischard

M. W. Rischard
Gas Engineer

MWR/nb

cc: J. M. Rodgers
E. S. Oberly (6)
File

