

EL PASO NATURAL GAS COMPANY

P. O. Box 997
Farmington, New Mexico

July 10, 1958



Mr. H. C. Arnold
Oil Conservation Commission
1000 Rio Arriba Road
Sante Fe, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, San Juan 28-7 Unit 91 (PM)
836N, 1544E; 34-28-7, 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 2963 feet. The Mesa Verde zone was tested through a $3/4$ " choke for three hours June 19, 1958 with the following data obtained:

PC SIPC <u>938</u>		psig: Shut-in <u>8</u> days		
PC SIFT <u>938</u>		psig:		
MV SIFT <u>997</u>		psig: Shut-in <u>8</u> days		
Time Minutes	MV) Flowing Pressure Tubing psig	PC) SIPC (C) psig	MV Working Pressure, psig	Temp ° F
0		938		
15	441	943		68
30	427	944		69
45	417	944		70
60	408	944		70
180	359	945	Calc. 709	71

The choke volume for the Mesa Verde was 4,430 MCF/D with an ACF of 7575 MCF/D.

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

PC SIPC 939 psig: Shut-in 18 days
PC SIFT 939 psig:
MV SIFT 996 psig: Shut-in 7 days

Time Minutes	(PC) Flowing Pressure Casing Psig	(MV) SH (T) Psig	(PC) Working Pressure, Psig	Temp ° F
0		996		
15	437	996		67
30	360	997		68
45	275	998		69
60	189	999		70
180	92	1000	113	71

The static volume for the Pictured Cliffs test was 1241 MCF/D with an ADF of 1259 MCF/D.

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

Very truly yours,

Richard Proctor
Richard Proctor
 Gas Technician

by TB6

RP/nb

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