

EL PASO NATURAL GAS COMPANY

P. O. Box 997
Farmington, New Mexico

July 9, 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 34, 9908,
990W; 30-27-5, Rio Arriba, New Mexico.
(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 3250 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours June 16, 1958 with the following data obtained:

PC SIPC 877 psig; Shut-in 10 days

PC SIPT 877 psig;

MV SIPT 1018 psig; Shut-in 10 days

Time Minutes	(MV) Flowing Pressure Tubing Psig	(PC) SIPC (C) Psig	(MV) Working Pressure, Psig	Temp ° F
0	-	877	-	-
15	471	880		68
30	424	881		68
45	402	881		69
60	390	881		71
180	333	882	Calc. 670	71

The choke volume for the Mesa Verde was 4,115 MCF/D with an AOP of 6,343 MCF/D.

The Pictured Cliffs zone was tested July 8, 1958 with a 3/4" choke for 3 hours with the following data obtained:

PC SIPC 958 psig; Shut-in 8 days

PC SIPT 958 psig;

MV SIPT 1064 psig; Shut-in 8 days

Page Two

<u>Time</u> <u>Minutes</u>	(PC) Flowing Pressure <u>Casing</u> <u>Psig</u>	(MV) SH (T) <u>Psig</u>	(PC) Working <u>Pressure, Psig</u>	<u>Temp ° F</u>
15	438	1064	461	61
30	320	1065	337	62
45	261	1066	273	63
60	227	1066	237	64
180	132	1067	140	70

The choke release for the Pictured Cliffs test was 1691 MCF/D with an AOF
of 1727 MCF/D.

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

Very truly yours,



Jess Goodwin
Gas Technician by TBG

JG/nb

cc: W. M. Rodgers
E. S. Oberly (C)
File