

EL PASO NATURAL GAS COMPANY

P. O. Box 997
Farmington, New Mexico

August 20, 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 28-6 Unit 80 (MP),
1650N, 1750E; 12-27-6, 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 3368 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours July 30, 1958 with the following data obtained:

PC SIPC 1068 psig; Shut-in 40 days
PC SIPT 1068 psig;
MV SIPT 1001 psig; Shut-in 7 days

Time Minutes	(MV) Flowing Pressure Tubing Psig	(PC) SIP (T) Psig	(MV) Working Pressure, Psig	Temp ° F
15	355	1072		70
30	313	1072		74
45	296	1072		74
60	287	1072		74
180	245	1072	Calc. 503	78

The choke volume for the Mesa Verde was 2997 MCF/D with an AOF of 3706 MCF/D.

The Pictured Cliffs zone was tested August 20, 1958 with a 3/4" choke for 3 hours with the following data obtained:

PC SIPC 1082 psig; Shut-in 61 days
PC SIPT 1082 psig;
MV SIPT 1023 psig; Shut-in 21 days

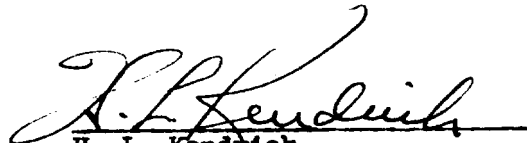
August 20, 1958

<u>Time</u> <u>Minutes</u>	<u>(PC) Flowing Pressure</u> <u>Casing Psig</u>	<u>(MV) SIP (T) Psig</u>	<u>(PC) Working</u> <u>Pressure, Psig</u>	<u>Temp ° F</u>
15	355	1022		61
30	218	1023		62
45	166	1023		61
60	145	1024		62
180	95	1022	98	65

The choke volume for the Pictured Cliffs test was 1243 MCF/D with an AOF of 1254 MCF/D.

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

Very truly yours,


H. L. Kendrick
Gas Engineer

HLK/nb

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