

EL PASO NATURAL GAS COMPANY

P.O. Box 997
Farmington, New Mexico

September 25, 1958



Mr. E. C. Arnold
Oil Conservation Commission
1010 Rio Pecos Road
Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, Jicarilla 4-C (PM), 1640N, 1600E;
16-25-4, Rio Arriba County, 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 3877 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours Sept. 5, 1958 with the following data obtained:

PC SPTC	<u>959</u>	psig;	Shut-in	<u>21</u>	days
PC SHT	<u>959</u>	psig;			
MC SPTC	<u>872</u>	psig;	Shut-in	<u>21</u>	days

Time Minutes	(MV) Flowing Pressure Tubing Psig	(PC) SPT (C) Psig	(MV) Working Pressure, Psig	Temp ° F
0		959		
15	325	962		64
30	245	964		65
45	150	964		66
60	140	964		66
180	94	964	Calc. 203	66

The choke volume for the Mesa Verde was 1263 MCF/D with an AOF of 1322 MCF/D.

The Pictured Cliffs zone was tested September 25, 1958 with a 3/4" choke for 3 hours with the following data obtained:

PC SPTC	<u>979</u>	psig;	Shut-in	<u>41</u>	days
PC SHT	<u>978</u>	psig;			
MC SHT	<u>1274</u>	psig;	Shut-in	<u>21</u>	days

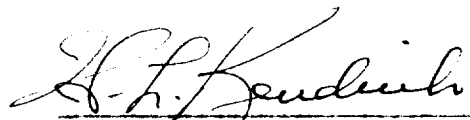
September 25, 1958

Time Minutes	(PC) Flowing Pressure Casing	(MV) SH (T) Paig	(PC) Working Pressure, Paig	Temp ° F
0		1274		
15	177	1271		49
30	70	1272		52
45	36	1273		56
60	32	1274		56
180	22	1273	22	57

The choke volume for the Pictured Cliffs test was 386 MCF/D with an ADF of 386 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 (C)
File