

EL PASO NATURAL GAS COMPANY

P. O. Box 997
Farmington, N.M.

July 8, 1957

Mr. E. C. Arnold
New Mexico Oil Conservation Commission
120 East Chaco
Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural
Gas Company Well, San Juan 28-7 Unit No. 75,
SW 15-28-7, Rio Arriba County, New Mexico.

Dear Mr. Arnold:

The subject well was dually completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 3124 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours June 25, 1957 with the following data obtained:

Pictured Cliffs SIPC - 996 psig
Mesa Verde SIPT - 984 psig (shut-in 8 days)

<u>Time</u>	<u>Mesa Verde Flowing Pressure</u>	<u>Pictured Cliffs SIPC</u>	<u>Temp^oF</u>
10:35	Opened tubing	996	
10:50	371	1000	71
11:05	347	1001	74
11:20	327	1001	74
11:35	311	1002	75
2:35	253	1002	77

The choke volume for the Mesa Verde test was 3127 MCF/D with an A.O.F. of 3932 MCF/D. The well was shut-in for 10 days and the Pictured Cliffs zone was tested July 5, 1957 through a 3/4" choke for three hours with the following data obtained:

Pictured Cliffs SIPC 1057 psig (shut-in 18 days)
Pictured Cliffs SIPT 1057 psig
Mesa Verde SIPT 1012 psig



<u>Time</u>	<u>Flowing Pressure</u>	<u>Mesa Verde SIPT</u>	<u>Temp. °F</u>
11:20	Opened casing	1012	
11:35	560	1013	62
11:50	387	1013	63
12:05	274	1014	63
12:20	235	1015	64
2:20	137	1014	68

The choke volume for the Pictured Cliffs zone was 1808 MCF/D with an A.O.F. of 1839.

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

Very truly yours,

K. C. McBride
 K. C. McBride
 Gas Engineer

KCMCB/jla

cc: W. T. Hollis
 W. M. Rodgers
 E. J. Coel, Jr. (6)
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