

EL PASO NATURAL GAS COMPANY

Box 997  
Farmington, N.M.

October 30, 1957

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

Re: Packer Leakage Test on the El Paso Natural  
Gas Company Well, Florance No. 3-C, 1450'S,  
1750'W, Sec. 19-28-8, San Juan County, N.M.

Dear Mr. Arnold:

The subject well was dually completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 2410 feet. The Pictured Cliffs zone was tested through a 3/4" choke for three hours October 16, 1957 with the following data obtained:

Pictured Cliffs SIPC 805 psig; shut-in 9 days  
Pictured Cliffs SIPT 805 psig

Mesa Verde SIPT 1052 psig; shut-in 9 days

<u>Time</u> <u>Minutes</u>	<u>PC Flowing Pressure</u> <u>Casing Psig</u>	<u>MV SIPT Psig</u>	<u>PC Working</u> <u>Pressure, Psig</u>	<u>Temp ° F</u>
0	Open	1052		
15	492	1052		61
30	423	1052		61
45	359	1052		62
60	323	1052		62
180	210	1052	214 tbq.	64

The choke volume for the Pictured Cliffs was 2693 MCF/D with an A.O.F. of 2882 MCF/D.

The Mesa Verde zone was tested October 28, 1957 with a 3/4" choke for three hours with the following data obtained:

Pictured Cliffs SIPC 847 psig; shut-in 9 days  
Pictured Cliffs SIPT 847 psig

Mesa Verde SIPT 1077 psig; shut-in 21 days

