

EL PASO NATURAL GAS COMPANY

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

June 5, 1957

34-31N-11W

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, Calloway Pool Unit No. 2,  
NE 34-31-11, San Juan County, New Mexico.

Dear Mr. Arnold:

This well was dually completed in the Pictured Cliffs and Mesa Verde formations. Production packer was set at 4401 feet. The Pictured Cliff zone was tested May 17, 1957 with the following results:

Pictured Cliff SIPC - 711 psig  
Pictured Cliff SIPT - 711 psig; shut-in 12 days.  
Mesa Verde SIPT - 898 psig

The casing was opened at 10:40 A.M. May 17, 1957 after being shut-in 12 days and flowed three hours through a 3/4" choke.

<u>Time</u>	<u>Casing Choke Pressure Psig</u>	<u>Temp. °F</u>	<u>Tubing Pressure Psig</u>
10:40	Opened casing		898
10:55	206		897
11:10	154		898
11:25	141		898
11:40	135		898
1:40	115	66	900

The calculated choke volume was 1501 MCF/Day. After the well was shut-in 30 days, the Mesa Verde zone was tested with the following results:

Pictured Cliff SIPC - 722 psig  
Mesa Verde SIPT - 949 psig; shut-in 30 days.

The tubing was opened at 11:20 A.M. through a 3/4" positive choke and flowed for three hours.

