

EL PASO NATURAL GAS COMPANY

P. O. Box 997
Farmington, New Mexico

December 5, 1956

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 Ludwick #14,
NE 6-29-10, San Juan County, New Mexico

Dear Mr. Arnold:

This well was dually completed in the Pictured Cliffs and Mesaverde zones. A packer was set at 2364 feet. The Mesaverde zone was tested November 20, 1956 with the following results obtained:

SIPC 586 psig (Shut-in 14 days)
SIPT 1025 psig

The tubing was opened at 11:25 a.m. through a 3/4" choke and was left open for three hours.

<u>Time</u>	<u>Tubing Choke Pressure, psig</u>	<u>Temp. °F</u>	<u>Casing Pressure, psig</u>
11:25	Opened Tubing		586
11:40	398	50	585
11:55	344	50	586
12:10	310	50	586
12:25	289	50	586
1:48	224	50	586
2:25	210	49	586

The calculated choke volume was 3147 MCF/D. After the well was shut-in for 15 days, the Pictured Cliff zone was tested December 5, 1956 with the following results obtained:

Pictured Cliff SIPT 621 psig
Pictured Cliff SIPC 612 psig (Shut-in 15 days)
Mesaverde SIPT 1042 psig