

EL PASO NATURAL GAS COMPANY



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

May 31, 1957

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

33-28-9

Re: Packer Leakage Test on El Paso Natural Gas
Company Well, Storey No. 8-C, San Juan
County, New Mexico.

Dear Mr. Arnold:

This well was dually completed in the Pictured Cliffs and Mesa Verde formations. A production packer was set at 5380 feet. The Pictured Cliffs zone was tested May 22, 1957 and the following information was obtained.

SIPC and SIPT (Pictured Cliffs) - 687 psig; shut-in 25 days.
SIPT (Mesa Verde) - 1032 psig

The three hour open flow test through a 3/4 inch choke started at 10:00 A.M.

<u>Time</u>	<u>Casing Choke Pressure Psig</u>	<u>Tubing Pressure (M.V.) Psig</u>	<u>Temp. °F</u>
10:00	Opened casing		
10:15	417	1032	
10:30	336	1032	
10:45	291	1033	
11:00	258	1033	
12:00	203	1035	
1:00	181	1035	61

The calculated choke volume was 2366 MCF/D and the A.O.F. was 2538 MCF/D.

On May 29, 1957 the Mesa Verde zone was tested and the following information was obtained:

SIPC (Pictured Cliffs) - 686 psig
SIPT (Mesa Verde) - 1032 psig; shut-in 32 days.

The three hour open flow test period, through a 3/4" choke started at 9:15 A.M.

<u>Time</u>	<u>Tubing choke Press. Psig (M.V.)</u>	<u>Casing Pressure (P.C.) Psig</u>	<u>Temp. °F</u>
9:15	Opened tubing	686	
9:30	458	687	
9:45	437	687	
10:00	405	686	
10:15	407	686	
10:45	366	685	
11:15	353	685	
11:45	345	684	
12:15	337	684	67

The calculated choke volume was 4102 MCF/D and the A.O.F. was 6489 MCF/D.

Very truly yours,

R. A. Ullrich

R. A. Ullrich
Gas Engineer

RAU/jla

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

