

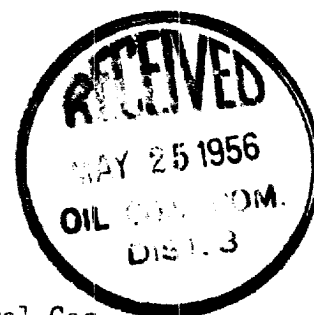
EL PASO NATURAL GAS COMPANY

P. O. BOX 997

FARMINGTON, NEW MEXICO

May 23, 1956

Mr. E. C. Arnold
N.M.O.C.C.
Box 697
Aztec, New Mexico



Re: Packer Leakage Test on the El Paso Natural Gas Company Well, Allison Unit #10, NW 20-32N-6W, San Juan County, New Mexico

Dear Mr. Arnold:

This well was dually completed in the Dakota and Mesa Verde zones, with a Baker Change over flow tube and production packer set at 5482'. A Lower Production packer was set at 5810'. This well was originally tested on April 5, 1956 after 15 days shut in with the following data being obtained:

SIPC 2318 psig, Dakota Section
SIPT 1154 psig, Mesa Verde section
Three hour AOF Dakota Section, 368 MCF/D
Three hour AOF Mesa Verde Section, 6551 MCF/D

This well was retested on May 22, 1956 as a packer leakage test as follows:

SIPC 2454 psig (Shut-in 47 days)
SIPT 1200 psig

The tubing was opened @ 10:35 A.M. through a 3/4" choke, for 1 hour with pressure data as follows:

<u>Time</u>	<u>Casing Pressure psig</u>	<u>Choke Pressure psig</u>	<u>Temp °F</u>	<u>Choke Volume MCF/D</u>
10:50	2500	441	61	6732
11:05	2511	427	63	6506
11:20	2514	414	64	6301
11:35	2516	404	65½	6135

The tubing was shut-in at 11:35 and the casing was opened through a 3/4" choke @ 11:40, for one hour with pressure data as follows:

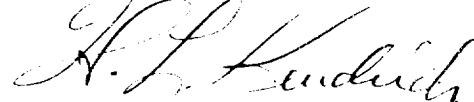
<u>Time</u>	<u>Tubing Pressure Psig</u>	<u>Choke Pressure psig</u>	<u>Temp °F</u>	<u>Choke Volume MCF/D</u>
11:55	1104	187	64	2861
12:10	1127	63	64	1069
12:25	1139	39	65	723
12:40	1149	31	65	610

The casing was shut-in at 12:40. At 12:50 the shut-in pressures were recorded as 109 casing and 1153 tubing.

This test was witnessed by Mr. A. R. Kendrick, Engineer, N.M.O.C.C.

Very truly yours,

EL PASO NATURAL GAS COMPANY



H. L. Kendrick
Gas Engineer

cc: E. E. Alsup
D. H. Tucker
R. W. Harris
W. T. Hollis
C. O. Walker
W. M. Rodgers
Wayne Cheek
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