

EL PASO NATURAL GAS COMPANY

Box 997
Farmington, N.M.

April 18, 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, Storey # 9-C, SW 34-28-9,
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 5101 feet. The Pictured Cliffs zone was tested April 9, 1957 with the following results:

Pictured Cliffs - SIPC - 687 psig; shut-in 7 days.
Pictured Cliffs - SIPT - 688 psig
Mesa Verde - SIPT - 989 psig

The casing was opened at 11:05 A.M. and flowed for 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>
11:05	Opened casing		989
11:20	437		988
11:35	420		989
11:50	363		989
12:05	313		989
12:35	263		989
1:05	232		989
2:05	204	63	989

The calculated choke volume was 3021 MCF/Day. After the well was shut-in eight days, the Mesa Verde zone was tested with the following results:

Pictured Cliffs - SIPC - 719 psig
Mesa Verde - SIPT - 1018 psig; shut-in 15 days.

The tubing was opened at 10:40 A.M. through a 3/4" choke and flowed for three hours.



<u>Time</u>	<u>Tubing Choke Pressure, Psig</u>	<u>Temp. °F</u>	<u>Casing Pressure, Psig</u>
10:40	Opened tubing		719
10:55	524		720
11:10	421		720
11:25	390		720
11:40	358		720
12:10	337		719
12:40	324		719
1:10	310		719
1:40	303	66	719

The calculated choke volume was 3692 MCF/Day. The results of the tests obtained indicate there is no packer leakage.

Very truly yours,


K. C. McBride
Gas Engineer

KMcB/jla

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

