

EL PASO NATURAL GAS COMPANY

Box 997
Farmington, N.M.

March 22, 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 # 10-C, SW 35-28-9,
San Juan County, New Mexico

Dear Mr. Arnold:

This well was dually completed in the Pictured Cliffs and Mesa Verde zones. A packer was set at 2973 feet. The Pictured Cliffs zone was tested March 14, 1957 with the following results obtained:

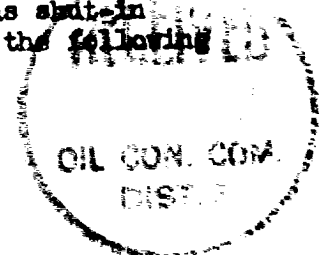
Pictured Cliffs - SIPC - 726 psig (shut-in 7 days)
Pictured Cliffs - SIPT - 726 psig
Mesa Verde - SIPT - 1036 psig

The casing was opened at 10:15 A.M. through a 3/4" choke and was left open for three hours.

<u>Time</u>	<u>Casing Choke Pressure, Psig</u>	<u>Temp. °F</u>	<u>Tubing Pressure Psig</u>
10:15	Opened Casing		1036
10:30	577		1038
10:45	541		1039
11:00	511		1039
11:15	486		1039
11:45	444		1040
12:15	421		1040
12:45	397		1040
1:15	381	70	1040

The calculated choke volume was 5524 MCF/D. After the well was shut-in for seven days, the Mesa Verde zone was tested March 21, 1957 with the following results obtained:

SIPC - 753 psig
SIPT - 1054 psig (shut-in 14 days)



The tubing was opened at 10:30 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>
10:30	Opened tubing		753
10:45	511		754
11:00	473		755
11:15	436		754
11:30	428		754
12:00	412		754
12:30	404		754
1:00	398		754
1:30	395	67	753

The calculated choke volume was 5771 MCF/D. The results of the data obtained during the tests indicate there is no packer leakage.

Very truly yours,

K. C. McBride

K. C. McBride

Gas Engineer

KCMCB/jla

cc: E. E. Alsup
 E. H. Tucker
 W. T. Hollis
 W. M. Rodgers
 Drilling Department
 B. D. Adams
 Roland Hamblin
 Jack Purvis
 W. V. Holik
 C. C. Kennedy
 E. J. Coel, Jr. (6)
 A. J. Dudenhoeffer
 Bill Parrish
 H. H. Lines
 Dean Rittmann
 File

