

EL PASO NATURAL GAS COMPANY

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

June 3, 1957

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

35-28-7

Re: Packer Leakage Test on the El Paso Natural
Gas Company Well, San Juan 28-7 Unit No. 72,
Rio Arriba 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 2946 feet. The Pictured Cliffs zone was tested on May 24, 1957 and the following information was obtained:

SIPC and SIPT (Pictured Cliffs) - 1071 psig- shut-in 24 days.
SIPT (Mesa Verde) - 1106 psig

The three hour open flow test through a 3/4" choke was started at 10:25 A.M.

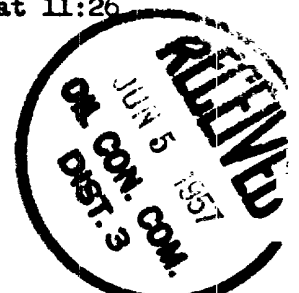
<u>Time</u>	<u>Casing Choke Pressure Psig</u>	<u>Tubing Pressure (Mesa Verde) Psig</u>	<u>Temp. °F</u>
10:25	Opened Casing	1106	
10:40	490	1106	
10:55	304	1106	
11:10	220	1106	
11:25	176	1107	
12:25	105	1108	
1:25	82	1109	62

The calculated choke volume was 1131 MCF/D and the A.O.F. was 1139 MCF/D.

On May 31, 1957 the Mesa Verde zone was tested and the following information was obtained:

SIPC (Pictured Cliffs) 1048 psig
SIPT (Mesa Verde) - 1113 psig: shut-in 7 days.

The three hour open flow test period through a 3/4" choke was started at 11:26 A.M.



<u>Time</u>	<u>Tubing Choke Press. (MV) Psig</u>	<u>Casing Pressure (P.C.) Psig</u>	<u>Temp. °F</u>
11:26	Opened tubing		
11:41	530	1053	
11:56	468	1054	
12:11	435	1055	
12:26	414	1054	
1:26	376	1052	
2:26	353	1049	75

The calculated choke volume was 4307 MCF/D and the A.O.F. was 6191 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

