

EL PASO NATURAL GAS COMPANY

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

June 5, 1957

21-27N-8W

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, Dryden No. 3, 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 2453 feet. The Pictured Cliffs zone was tested on May 28, 1957 and the following information was obtained:

SIPC and SIPT - Pictured Cliffs - 869 psig; shut-in 24 days.  
SIPT - Mesa Verde - 1072 psig

The three hour open flow test, through a 3/4" choke was started at 10:45 A.M.

<u>Time</u>	<u>Casing Choke Pressure Psig</u>	<u>Tubing Pressure (M.V.) Psig</u>	<u>Temp. °F</u>
10:45	Opened casing		
11:00	266	1072	
11:15	176	1072	
11:30	137	1072	
11:45	122	1072	
12:45	92	1072	
1:45	80	1072	66

The calculated choke volume was 1097 MCF/D and the A.O.F. was 1108 MCF/D.

On June 4, 1957 the Mesa Verde zone was tested and the following information was obtained:

SIPC (Pictured Cliffs) - 867 psig  
SIPT (Mesa Verde) - 1076 psig; shut-in 31 days.

The three hour open flow test, through a 3/4" choke was started at 10:50 A.M.

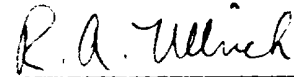


<u>Time</u>	<u>Tubing Choke Press. (MV) Psig</u>	<u>Casing Pressure (PC) Psig</u>	<u>Temp. °F</u>
10:50	Opened tubing		
11:05	498	870	
11:20	464	870	
11:35	446	870	
11:50	438	870	
1:00	403	870	
1:50	389	870	76

The calculated choke volume was 4829 MCF/D and the A.O.F. was 7833 MCF/D.

Mr. Fred Cook, with the New Mexico Oil Conservation Commission, witnessed the above test.

Very truly yours,



R. A. Ullrich  
Gas Engineer

RAU/jla

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