

EL PASO NATURAL GAS COMPANY

P. O. Box 997
Farmington, New Mexico

August 19, 1958



Mr. E. C. Arnold
Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, Huerfano No. 99 (GD), 990N,
1650W; 2-26-10, San Juan County, New Mexico
(Name - Location - Company)

Dear Mr. Arnold:

The subject well was dually completed in the Gallup and Dakota
zones and a packer was set at 6180 feet. The Dakota zone was tested
through a 3/4" choke for three hours August 12, 1958 with the following data obtained:

G ~~xx~~ SIPC 1269 psig; Shut-in 7 days
G ~~xx~~ SIPT 1245 psig;
Dak ~~xx~~ SIPT 1631 psig; Shut-in 7 days

Time Minutes	(D) Flowing Pressure Psig	(G) SIP (C) Psig	(D) Working Pressure, Psig	Temp ° F
15	356	1275		68
30	288	1274		69
45	256	1274		69
60	239	1274		70
180	192	1275	Calc. 430	73

Blew heavy white spray entire blow period.

The choke volume for the Dakota was 2327 MCF/D with an AOF of
2454 MCF/D.

The Gallup zone was tested August 19, 1958 with a 3/4" choke
for 3 hours with the following data obtained:

G ~~xx~~ SIPC 1265 psig; Shut-in 14 days
G ~~xx~~ SIPT 1243 psig;
D ~~xx~~ SIPT 1687 psig; Shut-in 7 days

August 19, 1958

Time Minutes	(G) Flowing Pressure Casing Psig	(D) SIP (T) Psig	(G) Working Tbg. Pressure, Psig	Temp ° F
15	722	1694	838	64
30	688	1703	806	68
45	660	1705	773	72
60	646	1708	748	74
180	632	1717	716	89

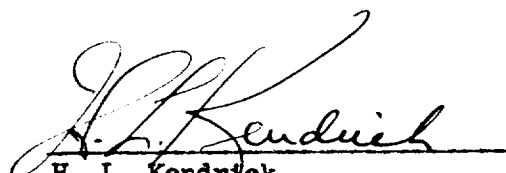
Blew heavy yellowish spray entire blow period

The choke volume for the Gallup test was 7563 MCF/D with an AOF of 10,157 MCF/D.

The results of the above tests indicate there is no packer leakage.

Both of these tests were witnessed by Mr. Fred Cook, N.M.O.C.C.

Very truly yours,


H. L. Kendrick
Gas Engineer

cc: W. M. Rodgers
E. S. Oberly (6)
File

