

EL PASO NATURAL GAS COMPANY

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

May 7, 1956

Mr. E. C. Arnold
New Mexico Oil Conservation Commission
P. O. Box 697
Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas
Company Well, Lackey # 4-B, NE Sec. 29, T28N,
R9W, San Juan County, New Mexico.

Dear Mr. Arnold:

Well was dually completed in the Chacra and Mesa Verde zones, with a Baker Production Packer set at 4410'. Total depth of the well is 4620'. The well was tested on March 15, 1956 after nine days shut-in with the following data being obtained:

SIPC - 984 psig, Chacra Section
SIPT - 1048 psig, Mesa Verde Section
Three hour A.O.F. Chacra Section, 958 MCF/D
Three hour A.O.F. Mesa Verde Section, 4194 MCF/D

The Chacra section was first delivered on April 10, 1956 and from that date until April 23, 1956 produced a total of 6026 MCF to the pipeline on May 4, 1956. The well was producing at an approximate rate of 250 MCF/D against a line pressure of 222 psig. The Mesa Verde section has been shut-in since it was tested on March 15, 1956.

On May 4, 1956 a shut-in pressure of 1061 psig was measured on the Mesa Verde section. This pressure is thirteen pounds greater than the original 9 day shut-in pressure and would indicate no packer leakage between the two productive gas zones.

The shut-in pressure taken on May 4, 1956 was witnessed by A. R. Kendrick, Engineer, New Mexico Oil Conservation Commission.

LDG/jla 43-

cc: E. E. Alsup
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File

Very truly yours,

Lewis D. Galloway
L. D. Galloway
Sr. Gas Engineer

