

El Paso Natural Gas Company

El Paso, Texas

December 5, 1965

ADDRESS REPLY TO
POST OFFICE BOX 890
FARMINGTON, NEW MEXICO

Oil Conservation Commission
1000 Rio Bravos Road
Aztec, New Mexico

Dear Sirs:

Re: Packer Leakage Test for El Paso Natural Gas
Company well: Storey C No. 1 (11), SW Sec.
32 - 20 - 9, Taos Co., N.M.

Communication between the producing zones was discovered in the Storey C No. 1 (PM) on November 24, 1964. This was confirmed by a temperature survey run on April 7, 1965, which showed a leak in the packer. The attachment is a workover to eliminate this communication was completed on May 14, 1965.

Initial type packer leakage tests subsequent to the workover indicated a slight possibility that communication might still exist. See attachment.

A temperature survey run on September 2, 1965 did not show any communication. Another temperature survey run on September 15, 1965, detailing the vicinity around the packer, did not indicate a leak either. See attachments.

Note the high Pictured Cliffs shut-in pressures recorded in the attached table. Also, on June 24, 1965, the Pictured Cliffs shut-in pressures were measured after being shut-in eight days. They were 451 psi, indicating a good tubing. These pressures were high due to the Mesa Verde zone producing the Pictured Cliffs zone up prior to the workover.

Both zones of this well were subsequently produced to the pipeline. On October 10, 1965, seven day shut-in pressures (for a well deliverability test) were measured on the Pictured Cliffs zone. They were 414 and 459 psi casing and tubing respectively. These pressures, by dropping down toward the normal level of Pictured Cliffs pressure for that vicinity, indicate that the workover was effective in eliminating the communication.

It is respectfully requested that the enclosed report, including the temperature surveys and the short summary of shut-in pressures, be accepted as a satisfactory Initial Packer Leakage Test.

Very truly,
EL PASO NATURAL GAS COMPANY

H. J. [illegible]
Gas Division

WDD:js

cc: E. S. Oberly (2)
A. J. C. Artec - Orig + 1
General Dispatching
R. F. McCarty
File

