

El Paso Natural Gas Company

El Paso, Texas

December 8, 1965

ADDRESS REPLY TO
POST OFFICE BOX 990
FARMINGTON, NEW MEXICO

Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Dear Sirs:

Re: Packer Leakage Test for El Paso Natural Gas
Company well: Storey C No. 8 (PM), SW. Sec.
33 - 28 - 9, San Juan County, New Mexico.

Communication between the producing zones was discovered in the Storey C No. 8 (PM) on November 24, 1964. This was confirmed by a temperature survey run on April 7, 1965, which showed a leak at the packer. See attachments. A workover to eliminate this communication was completed on May 24, 1965.

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

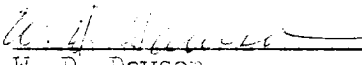
A temperature survey run on September 1, 1965 did not show any communication. Another temperature survey run on September 9, 1965, detailing the vicinity around the packer, did not indicate a leak either. See attachments.

Note the high Pictured Cliffs shut-in pressures recorded on the attached test. Also, on June 24, 1965, the Pictured Cliffs shut-in pressures were measured after being shut-in eight days. They were 545 Psig on casing and tubing. These pressures were high due to the Mesa Verde zone pressuring the Pictured Cliffs zone up prior to the workover.

Both zones of this well were subsequently produced into the pipeline. On October 18, 1965, seven day shut-in pressures (for annual deliverability test) were measured on the Pictured Cliffs zone. They were 440 and 439 Psig 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 test, including the temperature surveys and the short summary of shut-in pressures, be accepted as a satisfactory Initial Packer Leakage Test.

Yours truly,
EL PASO NATURAL GAS COMPANY


W. D. Dawson
Gas Engineer

MDD:js

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

