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ARTESIA OFFICE

November 27, 1963

Mr. A. L. Porter, Jr.  
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Re: Request for Approval - Tubingless Completion  
Chemical Express No. 3 Delhi-State  
Eddy County, New Mexico  
Rule 107(D)2

Dear Mr. Porter:

We hereby request approval to complete the captioned well located 660 feet from the east line and 1980 feet from the north line of Section 8, T-17-S, R-28-E, Eddy County, New Mexico, as a tubingless dry gas producer from the Penrose sand at a depth of 1302 feet.

This well was drilled to a total depth of 1935 feet to the San Andres and was plugged back to a depth of 1413 feet. 4½ inch casing was run to that depth and cemented with 100 sacks of cement. The shallow low pressure Penrose, or Lower Queen, gas sand was perforated at 1302, 1305, 1311, 1314, 1316 and 1318 feet with one shot per foot. This section was then fractured with a treatment of 17,500 gallons of water and 38,000 pounds of sand. The well then flowed this frac load back. After it cleaned up, the well had a stabilized flow of 575,000 cubic feet per day on a one inch choke with a casing pressure of 100 pounds. The gas is extremely dry, and the well makes no oil with the gas. As a consequence we do not have a computed GOR.

Because of the low bottom hole pressure and the small amount of gas volume, we hereby apply to complete this well as a gas well through the 4½ inch casing without tubing. We feel that to go back and kill the well at the present time would probably decrease the gas volume we now have. At the first opportunity we will put tubing in the well to comply with the Commission rules.

We would appreciate very much a favorable ruling on this completion at your earliest convenience in order that we can be assigned an allowable by your Artesia office.

Yours very truly,

CHEMICAL EXPRESS, INC.

By

  
Jack Huff

cc - N. M. Oil Cons. Comm.

