

June 7, 1938.

J. A. Barnett, Esq.,  
United States Geological Survey  
P. O. Box 997  
Roswell, New Mexico.

Dear Mr. Barnett,

Our well, known as Mitchell No. 1., in Sec 9 T18N R 30E logged fifty feet of productive gas sand between 1595 and 1645 feet, and bottomed at a T.D. of 1652 feet on May 22nd. After some delay in getting a water shut-off our drillers advise that this well will be drilled in for final completion before the end of this week, probably on the 11th instant. From such indications as we have obtained before the hole was cleared of water this well will make a casing-head pressure of about 600 pounds, with 99.6 purity of gas.

A well drilled by Messrs. Kuhn & Clay of Hugoton, Kansas just completed in Sec 9 T19N R 30E, six miles north of the Mitchell No. 1., was bottomed at 630 feet and is making about 60 pounds pressure with volume estimated at around  $1\frac{1}{2}$  million feet. As you probably remember we had this same horizon in the Mitchell No. 1., at a depth of 545 feet, but did not bother to test it. We feel, however, that this well is a very valuable indicator of the extent and structural position of this gas field available for future development.

We would like to obtain some U.S.G.S. investigation on this field, similar to the work of J. Charles Miller, N. H. Darton and others with respect to the Farnham and Wagon Mound carbon-dioxide fields, as we consider this structure to be the first discovery of its kind which is unquestionably of sufficient extent and production-characteristics to justify extensive plant-investment and become a permanent factor in the carbon-dioxide industry. In any event I should like very much to have you give us a scouting trip up this way to go over the logs of these new wells and have the information available for your reports. I will send you a wire as soon as we have drilled in the Mitchell No. 1. well so that, if you are able to come at that time I can arrange to meet you at Mosquero.

Very sincerely yours

for CARBONIC CHEMICALS CORPORATION.

FNS/S