

JOHN H. TRIGG COMPANY

P. O. BOX 5629

ROSWELL, NEW MEXICO

September 30, 1959

Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Re: Application For Administrative Approval For  
Conversion of Two Unit Wells to Water Injection  
Wells, Caprock Queen Water Flood Project,  
Chaves County, New Mexico

Gentlemen:

As provided for in Order No. R-1456, John H. Trigg, as operator of a pilot water flood in the Caprock Queen Field, Chaves County, New Mexico, requests administrative approval for conversion of the following unit wells to water injection wells:

Well No. 5-4, SE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 4, Township 14 South, Range 31 East.

Well No. 7-4, SE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 4, Township 14 South, Range 31 East.

John H. Trigg has been notified by Cities Service Oil Company that in the Drickey Queen Sand Unit, water flood wells numbered 17, 19 and 21 have experienced a substantial response to the water flood. John H. Trigg wells numbers 5 and 7 are offsetting, or diagonally offsetting, the aforementioned Cities Service wells. Cities Service Oil Company has received approval from the Oil Conservation Commission to convert wells numbers 17 and 21 to injection wells.

When John H. Trigg wells 5 and 7 are converted to injection wells they will comply with our line agreement with Cities Service Oil Company whereby they have converted wells 17 and 21 to injection wells. A copy of the line agreement is on file with the Oil Conservation Commission. Cities Service Oil Company has submitted Form C-116 setting out the increased response they have had on wells 17, 19 and 21.

We should like to request that the State Engineer file a letter of waiver with Mr. A. L. Porter, Jr., Member & Secretary of the Oil Conservation Commission. So far as is known there are no fresh water sands underlying Sections 4, 9 and 34 in our project area. All water that is injected will be through tubing with a packer set immediately above the Queen Sand zone.

JOHN H. TRIGG COMPANY

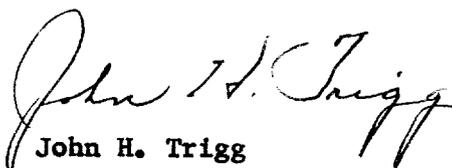
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Attached hereto is a plat that sets out the lands contained in our project area, the pilot water flood area, all injection wells now in operation and the two additional proposed injection wells for which this application is made.

Respectfully yours,

  
John H. Trigg

JHT:bjs

cc: State Engineer's Office  
P.O. Box 1069  
Santa Fe, New Mexico  
Attention Please Mr. Frank Irby

Cities Service Oil Company  
P. O. Box 97  
Hobbs, New Mexico





STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS  
STATE ENGINEER

October 8, 1959

ADDRESS CORRESPONDENCE TO:  
P. O. BOX 1079  
SANTA FE, N. M.

Mr. A. L. Porter, Jr.  
Secretary-Director  
Oil Conservation Commission  
Santa Fe, New Mexico

Dear Mr. Porter:

Reference is made to the application of John H. Trigg Company for the conversion of two unit wells to water injection wells, Caprock Queen Water Flood Project, Chaves County, New Mexico.

The wells involved as shown on the plat which accompanied the application are well No. 5-4, SE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 4, Township 14 South, Range 31 East and well No. 7-4, SE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 4, Township 14 South, Range 31 East. After reviewing this application with your engineer Mr. Jim Katina, I have reached the conclusion that the casing program and the plan of injection combined should eliminate any threat of contamination to the fresh waters which may be encountered below the land surface. Therefore, this office offers no objection to the granting of this application.

Yours truly,

S. E. Reynolds  
State Engineer

By:   
Frank E. Irby  
Chief  
Water Rights Division

FEI/ma  
cc-John H. Trigg Company  
F. H. Hennighausen