

JOHN H. TRIGG COMPANY

P. O. BOX 5629

ROSWELL, NEW MEXICO

March 27, 1961

WFX-82

Hearing Period

Here Date Apr. 12

Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

SUBJECT: Application for administrative approval to convert one (1) unit producing well to water injection.

REFER: Order No. R-1456

Gentlemen;

John H. Trigg, the operator of a waterflood project in the Caprock Queen Pool, Chaves County, New Mexico, hereby applies for administrative approval to convert one unit producer to water injection. This well is Federal Trigg #30-4 and is located;

NW/4 SW/4 of Section 4, Township 14-S, Range 31-E.

The following statements are submitted in support of this application;

1. Order R-1456 provides for the conversion of any additional wells to water injection in said project area without hearing and notice upon administrative approval.
2. This proposed conversion will comply with the approved waterflood pattern for the Caprock Queen Pool.
3. This well has experienced water breakthrough from well #34-5 which is an offset injection well to the west. The amount of oil and water produced from this well at the present time make further attempts at economical production of oil impossible. We propose to discontinue water injection in well #34-5 and to temporarily abandon this well for the present.
4. Attached please find Form C-116 which indicates oil and water production from this well both before and after water breakthrough.
5. Attached please find a plat of the project area as per Order R-1456. Operators of oil wells, present injection wells, this proposed conversion, and all property boundaries.

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6. Water will be injected into the Queen Sand Formation through tubing with a packer set above the producing formation and well below the calculated cement top.
7. The State Engineer has on file a copy of this application.
8. The John H. Trigg Project is located in Sections 4 and 9 of Township 14-S, Range 31-E., Chaves County, New Mexico.

John H. Trigg respectfully requests the State Engineer to file a waiver of objection to this application with Mr. A. L. Porter, Jr.; Secretary-Member of the New Mexico Oil Conservation Commission in Santa Fe, New Mexico.

Respectfully;

JOHN H. TRIGG COMPANY



Jack R. McGraw
Petroleum Engineer

JRM:ka

Enclosures : 2

cc; Oil Conservation Commission - Santa Fe, New Mexico

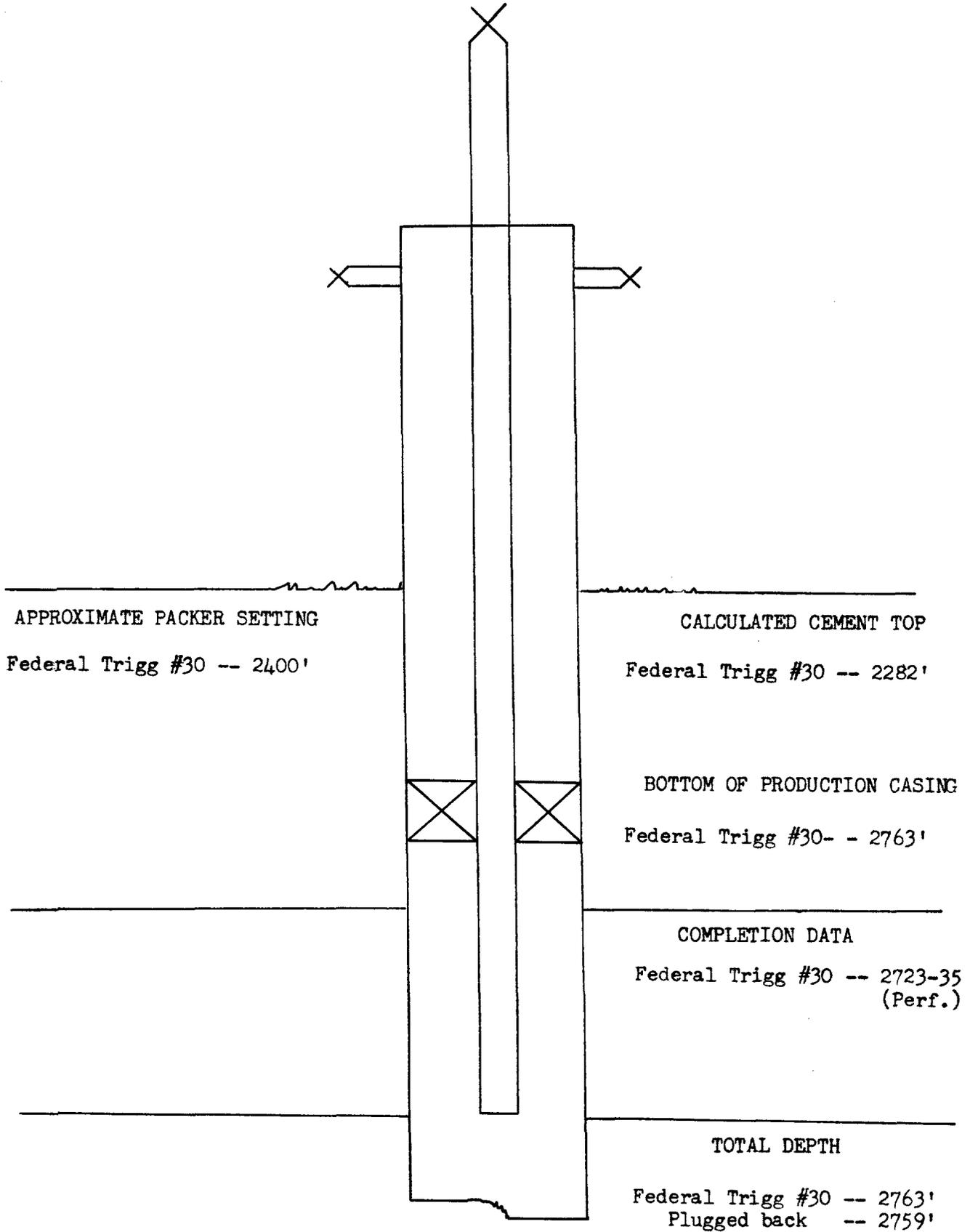
State Engineer's Office - Santa Fe, New Mexico

Cities Service Oil Company - Hobbs, New Mexico

JOHN H. TRIGG COMPANY

P. O. BOX 5629

ROSWELL, NEW MEXICO



NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR..... John H. Trigg Company..... POOL..... Caprock Queen.....
 ADDRESS..... Box 106, Maljamar, N.M..... MONTH OF..... March....., 1961.....
 SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST..... XXXXXX..... (Check One)
 (See Instructions on Reverse Side)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbls.	Oil Bbls.	Gas MCF	
Federal Trigg	30	3-10	Pump	None	24		48	1/2	TSTM	
		<i>Jan</i>					100	50		
		<i>Feb</i>					349	21		

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

(I certify that the information given is true and complete to the best of my knowledge.)

Date..... March 22, 1961.....

John H. Trigg Company
Company

By..... *Ken Aston*.....

Prod. Clerk

Title



STATE OF NEW MEXICO
STATE ENGINEER OFFICE
SANTA FE

S. E. REYNOLDS
STATE ENGINEER

March 28, 1961

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

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Santa Fe, N. M.

Dear Mr. Porter:

Reference is made to the application of John H. Trigg Company, Roswell, New Mexico which seeks administrative approval to convert one unit producing well to water injection under Commission Order R-1456:

Federal Trigg #30-4-NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4, T. 14 S., R. 31 E.

Since injection will be through tubing and packer immediately above the producing formation, it appears that no threat of contamination to any fresh waters which exist in the area will occur. Therefore, this office offers no objection to the granting of this application.

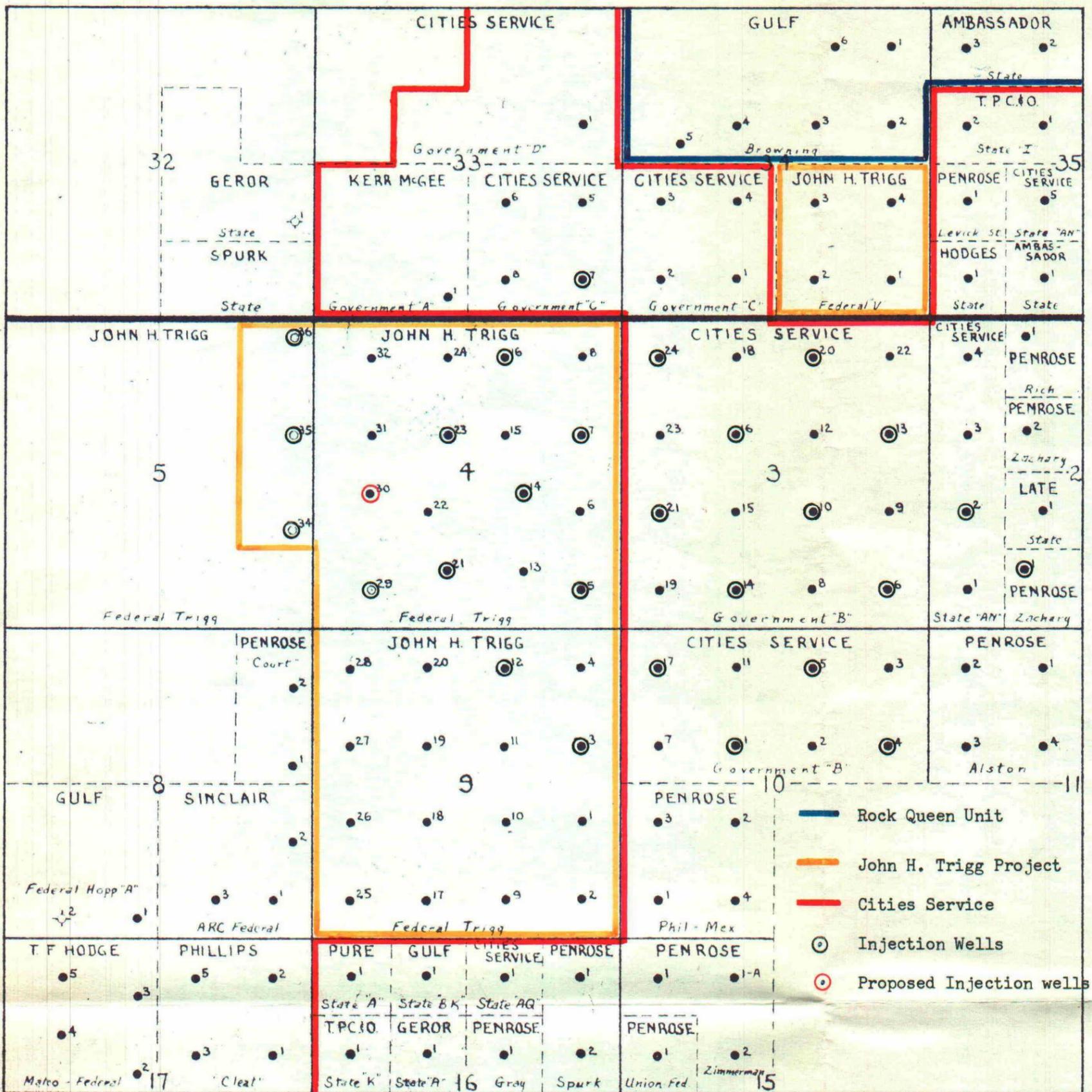
Yours truly,

S. E. Reynolds
State Engineer

By: 
Frank E. Irby
Chief
Water Rights Division

ma
cc-F. H. Hennighausen
J. H. Trigg Co.

R. 31 E.



T. 13 S.

T. 14 S.

A PORTION OF THE
 CAPROCK QUEEN FIELD
 CHAVES COUNTY
 NEW MEXICO

