

1078-33

JOHN H. TRIGG COMPANY

P. O. BOX 5629

ROSWELL, NEW MEXICO

March 8, 1960

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

Re: Application for administrative approval for the conversion of three (3) producing unit wells to water injection wells, within the Hohn H. Trigg Waterflood Project, Chaves County, New Mexico.

Gentlemen;

John H. Trigg, the operator of a waterflood project in the Caprock Queen Pool, Chaves County, New Mexico as established in Order R-1456, Case 1714, respectfully requests administrative approval to convert three unit wells to water injection wells, described as follows;

Well #3-9 -- SE/4 of NE/4, Section 9, Township 14south, Range 3least  
Well #12-9 - NW/4 of NE/4, Section 9, Township 14south, Range 3least  
Well #14-4 - NW/4 of SE/4, Section 4, Township 14south, Range 3least.

In connection with, and in support of this application, the following statements are submitted for consideration;

1. Order R-1456 provides for the conversion of additional wells in said project area to water injection without hearing and notice upon administrative approval of said conversion.
2. That wells #3, 12, and 14 are directly offset by wells #4 and 6 which have recieved a substantial increase in oil production due to waterflood production stimulation. In support of this statement attached is Commission form C-116, showing oil production from aforementioned wells #4 and 6 both before and after waterflood stimulation.
3. The proposed injection wells do comply with the previously established flood pattern for the Caprock Queen Field. See attached plat.
4. The State Engineer's Office has on file a copy of this application.
5. That all offset operators have been notified with a copy of this application by registered mail.
6. Attached is a plat of the project area as established for John H. Trigg by Order R-1456. Operators of oil wells, present injection wells, proposed injection wells, and unit boundaries are clearly set forth on this plat.

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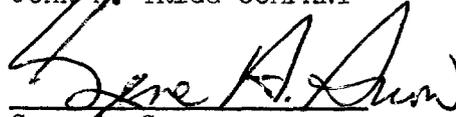
Oil Conservation Commission

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John H. Trigg respectfully requests the State Engineer and any other interested party or parties to file a waiver of objection pertaining to this application with Mr. A. L. Porter, Jr., Secretary and Member of the New Mexico Oil Conservation Commission in Santa Fe, New Mexico. So far as can be determined there are no fresh water sands underlying the John H. Trigg project in Sections 4 and 9, Township 14-South, Range 31-East. Water will be injected through tubing with a packer set immediately above the Queen Sand formation.

Respectfully submitted;  
JOHN H. TRIGG COMPANY



Gene A. Snow,  
Production Superintendent

GAS:kea

Encl; 2

cc: Orig. & 2 - Oil Conservation Commission  
Post Office Box 871  
Santa, Fe, New Mexico

1 - State Engineer's Office  
Post Office Box 1069  
Santa Fe, New Mexico  
Attn: Mr. Frank Irby

1 - Cities Service Oil Company  
Post Office Box 97  
Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR JOHN H. TRIGG COMPANY POOL CAPROCK QUEEN  
 ADDRESS BOX 106, MALJAMAR, NEW MEXICO MONTH OF MARCH, 19 60  
 SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST XXXXX (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	
The following are tests before the beginning of water injection										
Federal Trigg	4	Dec.57	Intermitter	20/64	24	0	9			
Federal Trigg	4	Feb.58	"	20/64	24	0	4			
Federal Trigg #4 shut in due to low production and high gas oil ratio from February 1958 to November 1959.										
Federal Trigg	6	Dec.59	Flow	20/64	24	0	7			
The following are tests made after waterflood stimulation										
Federal Trigg	4	Jan.60	Pump	None	24	0	28			
Federal Trigg	4	Feb.60	Pump	None	24	0	32			
Federal Trigg	6	Jan.60	Pump	None	24	0	19			
Federal Trigg	6	Feb.60	Pump	None	24	0	25			

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 8, 1960

JOHN H. TRIGG COMPANY  
 Company  
 By [Signature]  
 Prod. Supt.  
 Title