

ARCHIE M. PETROLEUM  
*Speir Engineer*  
N. M. 3733

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ARTESIA, NEW MEXICO

November 16, 1963 NOV 23 AM 109  
WEX-15  
109

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

Request for Amendment to Order No. 2269

Dear Sir:

Neil E. Salsich, Ltd. requests an amendment to the Commissions Order No. 2269. In accordance with the Commissions Rule 701-E5 administrative approval is requested to expand the water flood project authorized in Order No, 2269 by the conversion of two producing wells to water injection wells.

The two wells to be converted are in the injection well pattern established by the pilot project; and are:

Leonard-State Well No. 6 Unit P

Leonard-State Well No. 8 Unit H

both wells being in Section 36, Township 16 South, Range 29 East, NMPM Eddy County, New Mexico. Water Injection will be into the Grayburg Formation.

The casing program of the proposed injection wells are as follows:

Leonard-State No. 6

8 5/8 set @ 393' cemented with 150 sax  
5 1/2 set @ 2760' cemented with 150 sax  
perforated @ 2606-12; 2669-77; & 2711-40  
theoretical top of cement @ 1782'

Leonard-State No. 8

8 5/8 set @ 385' cemented with 50 sax  
5 1/2 set @ 2764' cemented with 125 sax  
perforated @ 2591-97 & 2712-40  
theoretical top of cement @ 2030'

Attached hereto are:

- (1) A plat of the general area showing the proposed injection wells and the present injection wells.
- (2) Form O-116 for Neil E. Salsich, Ltd Leonard-State Well No. 3 and No. 7 and Kincaid & Watson Drilling Co. Wright Federal Well No.1. These wells have been stimulated by the water flood that off-set the proposed injection wells.
- (3) Electric Log of the proposed wells.
- (4) Receipts of Registered mail to all off-set operators of a copy of this application.

Water injection into these wells will be by incorporation into the common distribution system of the present project.

Yours very truly,

*Archie M. Speir*

Archie M. Speir

Agent for  
NEIL E. SALSICH

AMS/

cc:  
State Engineer  
Santa Fe, New Mexico

State Land Office  
Box 791  
Santa Fe, New Mexico

Attached hereto are:

(1) A list of the general area showing the proposed injection wells and the present injection wells.

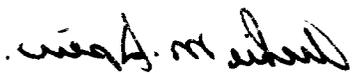
(2) Form G-116 for Well E. Salasch, Ltd Leonard-State Well No. 3 and No. 7 and Kincaid & Watson Drilling Co. Wright Federal Well No. 1. These wells have been stimulated by the water flood that off-set the proposed injection wells.

(3) Electric log of the proposed wells.

(4) Receipts of registered mail to all off-set operators of a copy of this application.

Water injection into these wells will be by incorporation into the common distribution system of the present project.

Yours very truly,



Archie M. Speer

Agent for  
WELL E. SALASCH

AMS\

cc:  
State Engineer  
Santa Fe, New Mexico

State Land Office  
Box 791  
Santa Fe, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR NEIL E. SALSICH LTD. POOL Square Lake  
 ADDRESS 411 N. Loraine Midland, Texas MONTH OF June, 1963  
 SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST  (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	
Leonard-State	3	6	pump	open	24	3	0	3	4.5	1500
Leonard-State	7	6	pump	open	24	3	0	3	4.5	1500

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 November 16, 1963

Neil E. Salsich, Ltd.

Company

By Archie M. Speir

Agent

Title

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR NEIL E. SALSICH LTD. POOL Square Lake  
 ADDRESS 411 N. Loraine Midland, Texas MONTH OF October, 19 63  
 SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST X..... (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	
Leonard-State	3	10	pump	open	24	10	0	10	3	300
Leonard-State	7	10	pump	open	24	50	4	50	7.5	150

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.

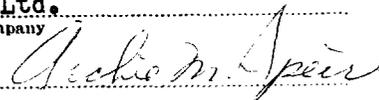
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Date November 16, 1963

Neil E. Salsich, Ltd.  
Company

By Archie M. Speir



Agent

Title

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Kincaid & Watson Drilling Co. POOL Square Lake  
 ADDRESS Box 498 Artesia, New Mexico MONTH OF August, 19 63  
 SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST ..... (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	
<del>Wright-Federal</del>	1	monthly average	pump	open	-	-	0	7	-	-

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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.

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 By Archie M. Speir  
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NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Kincaid & Watson Drilling Co. POOL Square Lake  
 ADDRESS Box 498 Artesia, New Mexico MONTH OF November, 1963  
 SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST  (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	
Wright-Federal	1	13	pump	open	24	-	19	19	-	-

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.

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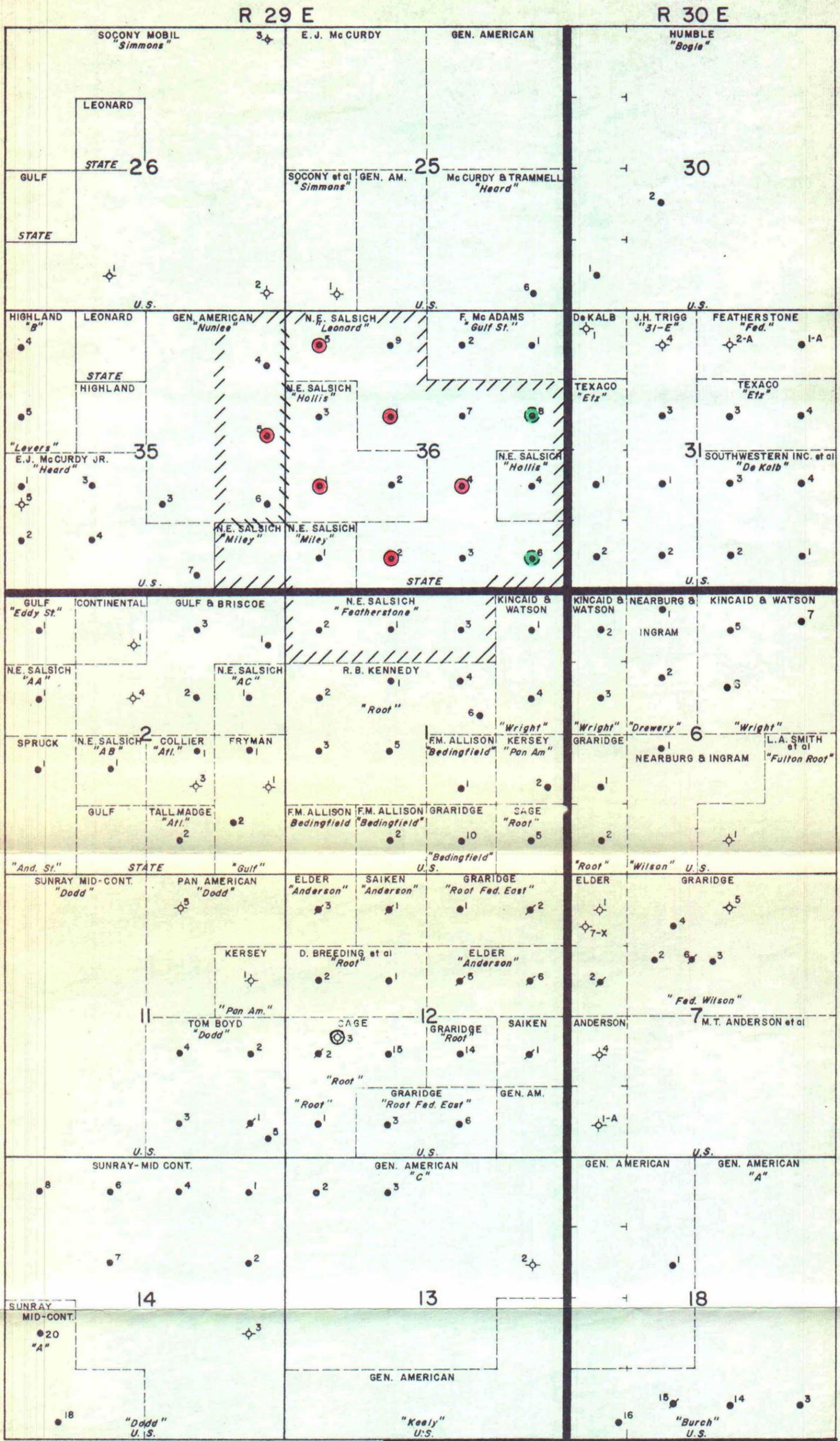
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Date November 16, 1963

Neil E. Salsich, Ltd.  
Company

By Archie M. Speir

Agent  
Title



LEGEND

-  PROPOSED INJECTION WELL
-  PRESENT INJECTION WELL

NEIL E. SALSICH  
WATERFLOOD PROJECT

WEST PART OF SQUARE LAKE POOL  
EDDY COUNTY, NEW MEX.

SCALE 1" = 2000'

DATE

CONTOUR INTERVAL

DRAWN BY