

A. J. LOSEE  
EDWARD B. STEWART

LAW OFFICES  
LOSEE AND STEWART  
CARPER BUILDING - P. O. DRAWER 239  
ARTESIA, NEW MEXICO

SHERWOOD 6-3508

6 December 1963

11/17X - 162  
1 Dec 24

Mr. A. L. Porter, Jr.  
Secretary-Director  
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Dear Mr. Porter:

Enclosed herewith you will please find Application in triplicate of Neil E. Salsich, Ltd. for administrative approval to convert the J. F. McAdams-Wright No. 2 Well in Section 36, Township 16 South, Range 29 East, N.M.P.M., Eddy County, New Mexico, to water injection.

With a carbon copy of this letter, I am furnishing like copies of this Application to the State Engineer's Office and to each offset operator. In the event these parties have no objection to the conversion of this well, then I request that they send you their waiver of objection and furnish me with a copy of their letter of transmittal.

We shall appreciate your consideration of the enclosed application.

Very truly yours,

  
A. J. Losee

AJL/bk  
Enclosures

cc Mr. J. F. McAdams  
Box 1716  
Hobbs, New Mexico

General American Oil Company of Texas  
Meadows Building  
Dallas, Texas

Mr. A. L. Porter, Jr.  
Page -2-

RECEIVED DEC 25

cc McCurdy and Trammell  
1214 First National Bank Building  
Fort Worth, Texas

Mr. Neil E. Salsich  
716 First National Bank Building  
Midland, Texas

Mr. Archie M. Speir  
907 Runyan  
Artesia, New Mexico

A. J. LOSEE  
EDWARD B. STEWART

LAW OFFICES  
LOSEE AND STEWART  
CARPER BUILDING - P. O. DRAWER 239  
ARTESIA, NEW MEXICO

SHERWOOD, 633508

DEC 20 1963

20 December 1963

Mr. J. E. Kapteina, Engineer  
Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

Re: Application of Neil E. Salsich, Ltd.  
for conversion of J. F. McAdams-Wright  
or Gulf State No. 2 well, into an  
injection well.

Dear Sir:

I have your letter of December 13, 1963, and your Mr. M. L. Armstrong has been kind enough to bring me up to date on your rules and regulations by furnishing me with a copy of the November 1, 1963 printing of the same.

This letter will supplement the captioned application with the enclosure of the following:

1. Lane Wells Radioactivity Log on the No. 2 Well.
2. Diagrammatic sketch of the captioned injection well, in duplicate, showing casing strings, including diameters and setting depths, quantities used and tops of cement and perforated intervals.

Fresh water purchased from the Caprock Water Company at its Watson lease in Section 1, Township 17 South, Range 28 East, will be injected at volumes of approximately 100 barrels per day.

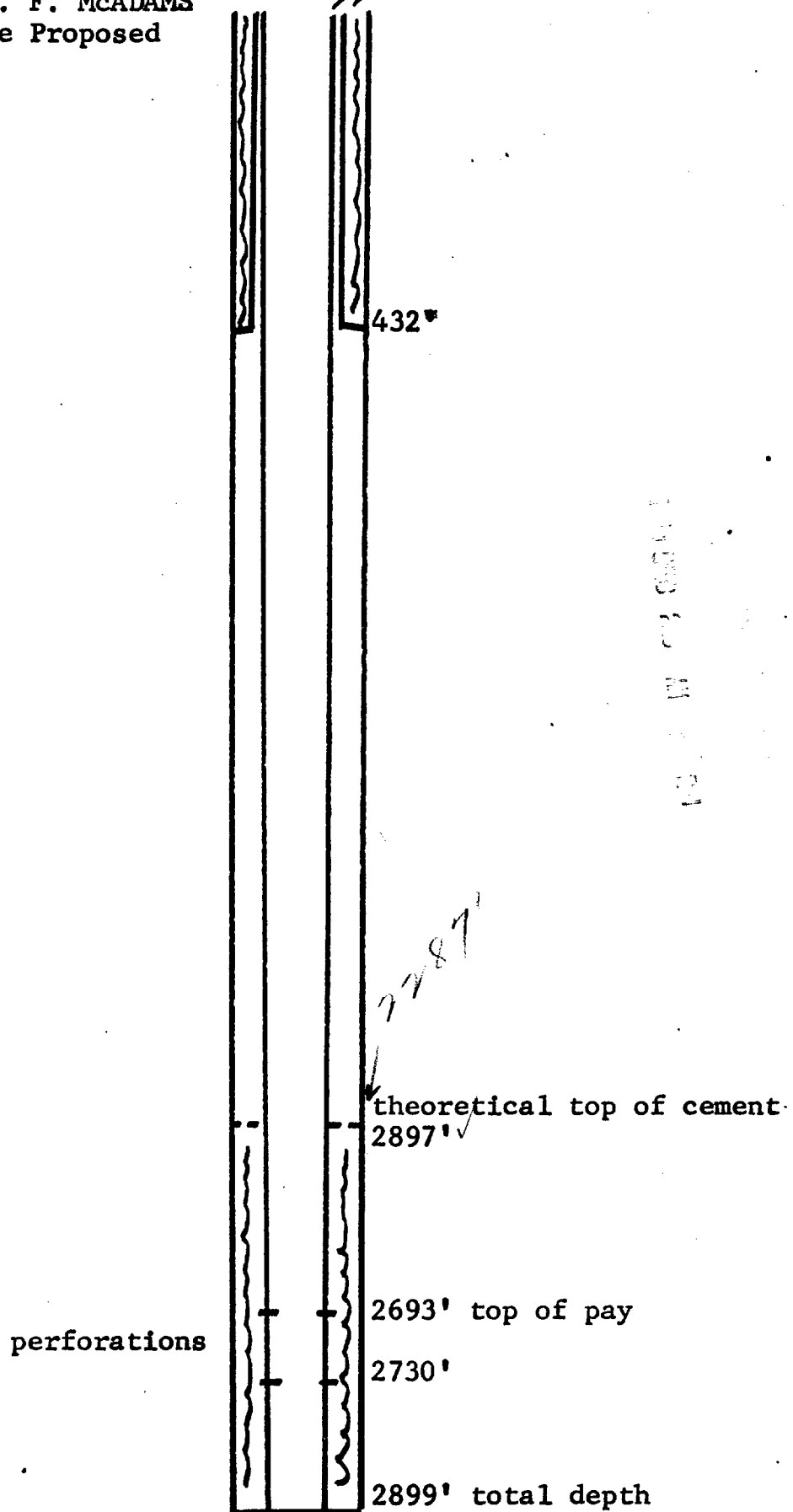
Very truly yours,

  
A. J. Losee

AJL/bk  
Enclosures

cc Mr. Frank Irby  
(W/enclosure)

5 1/2" with 50 sax  
8 5/8" with 50 sax



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF :  
NEIL E. SALSICH, LTD. FOR ADMINISTRA- :  
TIVE APPROVAL FOR CONVERSION OF THE :  
J. F. McADAMS-WRIGHT NO. 2 WELL TO :  
WATER INJECTION PURSUANT TO RULE :  
701 E5 :  
\_\_\_\_\_ :

APPLICATION

COMES NEIL E. SALSICH, LTD., by its attorneys, Losee and Stewart, and in support of this Application, states:

1. That J. F. McAdams, the operator of the hereinafter described well, has executed a Cooperative Waterflood Agreement granting unto Applicant, the irrevocable license to convert to water injection the J. F. McAdams-Wright Well No. 2 located upon the NW/4 NE/4 Section 36, Township 16 South, Range 29 East, N.M.P.M., Eddy County, New Mexico.

2. There is attached hereto and by reference made a part hereof, a plat of the waterflood project area and immediate surrounding area, with the owner of each lease and the location of all water injection wells and producing wells indicated thereon. That all producing wells on the plat are producing from the Grayburg Formation and all injection wells are completed in the Grayburg Formation.

3. That on June 21, 1962, the Oil Conservation Commission of New Mexico (herein referred to as "Commission") in Case No. 2579 entered its Order R-2269 authorizing the conversion to water injection, of among other producing Grayburg

wells, the Neil E. Salsich Ltd.-Leonard State No. 1 well located in the SE/4 NW/4 Section 36, Township 16 South, Range 29 East, N.M.P.M. The said J. F. McAdams-Wright No. 2 well is located upon a proration unit diagonally offsetting the proration unit upon which is located the said Neil E. Salsich Ltd.-Leonard State No. 1 well and as such, the Wright No. 2 well is located within the project area authorized by the Commission in the above mentioned order.

4. The said Wright No. 2 well is directly offset by the Neil E. Salsich, Ltd.-Leonard State No. 7 producing well which has experienced a substantial response to water injection. There is attached hereto and by reference made a part hereof, copies of Commission Form C-116 for the months of June, 1963 and October, 1963, showing an increase in oil production from the Leonard State No. 7 well on a 24-hour test from three barrels to fifty barrels.

5. That the said Wright No. 2 well is located on a water injection pattern which will result in a thorough and efficient sweep of oil by the waterflood and in order to maintain the efficiency of the present waterflood, it is necessary that the Leonard State No. 7 well be backed up by the Wright No. 2 well as an injection well.

6. That a copy of this application has been sent to the State Engineer of the State of New Mexico and to each offset operator, as follows:

10-DEC-63 11 2 25  
DEC 10 1963

1. The first part of the paper discusses the importance of understanding the underlying mechanisms of the observed phenomena. This is crucial for developing effective interventions and policies. The authors emphasize that a thorough understanding of the context and the factors influencing the outcome is essential for a successful outcome.

2. The second part of the paper presents a detailed analysis of the data collected from the study. The authors use a variety of statistical methods to analyze the data, including regression analysis and correlation analysis. The results of the analysis show a strong positive correlation between the variables studied, indicating that the intervention had a significant impact on the outcome.

3. The third part of the paper discusses the implications of the findings for practice and policy. The authors suggest that the results of the study can be used to inform the development of new interventions and policies that aim to improve the outcome. They also discuss the limitations of the study and the need for further research to confirm the findings.

4. The fourth part of the paper concludes the paper by summarizing the main findings and the authors' conclusions. The authors state that the study has provided valuable insights into the underlying mechanisms of the observed phenomena and that the results have important implications for practice and policy. They also express their hope that the findings will be used to improve the outcome and that further research will be conducted to confirm the findings.

J. F. McAdams  
Box 1716  
Hobbs, New Mexico

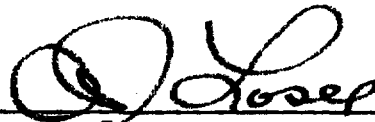
McCurdy and Trammell  
1214 First National Bank Building  
Fort Worth, Texas

General American Oil Company of Texas  
Meadows Building  
Dallas, Texas

WHEREFORE, Applicant prays for administrative approval for conversion of the J. F. McAdams-Wright No. 2 well to water injection.

LOSEE AND STEWART

By

  
A. J. Losee  
P. O. Drawer 239  
Artesia, New Mexico  
Attorneys for Applicant.

RECEIVED  
JUN 10 1964



## NEW MEXICO OIL CONSERVATION COMMISSION

## GAS-OIL RATIO REPORT

OPERATOR NEIL E. SALSICH LTD. POOL Square Lake  
ADDRESS 411 E. Lorraine Midland, Texas MONTH OF June, 1963  
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	
<del>Leonard-State</del>	<del>3</del>	<del>6</del>	<del>pump</del>	<del>open</del>	<del>24</del>	<del>3</del>	<del>0</del>	<del>3</del>	<del>4.5</del>	<del>1500</del>
<del>Leonard-State</del>	<del>7</del>	<del>6</del>	<del>pump</del>	<del>open</del>	<del>24</del>	<del>3</del>	<del>0</del>	<del>3</del>	<del>4.5</del>	<del>1500</del>

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

1963 DEC 9 AM 2

MAIN OFFICE

## NEW MEXICO OIL CONSERVATION COMMISSION

## GAS-OIL RATIO REPORT

OPERATOR NEIL E. SALSICH LTD. POOL Square Lake  
ADDRESS 411 N. Lorraine 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.

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 *Archie M. Speir*

Agent

Title

T 16 S R 29 E

Co. Eddy

25

General  
American  
Oil Company  
of Texas

McCurdy & Trammell

06349L

6

J. F. McAdams

Wright State

Neil E. Salsich Ltd.

Leonard State

Salsich

Salsich

Hollis

Hollis

Legend:

• Producing well

⊙ Injection well

1 SQUARE MILE

SCALE 8 IN. = 1 MILE

1933 DEC 31 AM 10 20

4411-11111-000

**OIL CONSERVATION COMMISSION**  
P. O. BOX 871  
SANTA FE, NEW MEXICO

**December 13, 1963**

**C**  
**O**  
**P**  
**Y**  
**Losee and Stewart**  
**P. O. Drawer 239**  
**Artesia, New Mexico**

**Attention: Mr. A. J. Losee**

**Gentlemen:**

**On May 15, 1963, at the hearing in Roswell, testimony was presented for the revision of Rule 701-B, 701-C, and 701-E of the Commission Rules and Regulations. As a result of the hearing Order R-2490 was entered.**

**The purpose of the Revision of Rule 701 was twofold, (1) to provide the operators with adequate information as to the data required to be included in applications pertaining to fluid injection projects, that (2) will allow more efficient handling of applications by the Commission.**

**Please supply data omitted from application submitted with letter dated December 6, 1963, for authorization for conversion of Neil E. Salsich, Ltd., J. F. Adams - Wright No. 2 Well, as required by 701-B and 701-E, as revised by Order R-2490.**

**Very truly yours,**

**J. E. KAPTEINA**  
**Engineer**

**JEK/og**

OIL CONSERVATION COMMISSION  
P.O. BOX 874  
SANTA FE, NEW MEXICO

January 11, 1942

Mr. J. H. Adams  
P.O. Box 874  
Santa Fe, New Mexico

Dear Mr. Adams:

Reference is made to your letter of January 10, 1942, in which you request that the Commission consider the application for a license to operate a motor vehicle in the State of New Mexico, and to the fact that the application was received by the Commission on January 10, 1942.

The Commission has received the application and has considered the same. The Commission has determined that the application is complete and that the applicant is qualified to operate a motor vehicle in the State of New Mexico. The Commission has therefore issued a license to the applicant, and the license is being forwarded to you for delivery to the applicant.

The license is valid for a period of one year, and the applicant is required to renew the license at the expiration of the term. The license is subject to the provisions of the Motor Vehicle Laws of the State of New Mexico, and the applicant is required to comply with the provisions of the laws.

Very truly yours,

J. H. Adams  
Engineer

cc: 1

# GENERAL AMERICAN OIL COMPANY OF TEXAS

DISTRICT OFFICE  
BOX 416  
LOBO HILLS, NEW MEXICO  
December 13, 1963

159

Mr. A. L. Porter, Jr.  
Secretary - Director  
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Dear Sir:

The undersigned company has been furnished with a copy of application filed by Neil E. Salsich, Ltd., in which they request administrative approval for conversion to water injection on J. F. McAdams Wright Well No. 2.

Please be advised that this company, as operator of Federal Lease LC-029195, a portion of which offsets the subject well, has no objection to the proposed conversion.

Very truly yours,

GENERAL AMERICAN OIL COMPANY OF TEXAS

By: R. J. Heard  
R. J. Heard  
District Superintendent

cc: Losee & Stewart  
cc: C. L. Wright  
cc: File



**STATE OF NEW MEXICO**

**STATE ENGINEER OFFICE**

**SANTA FE**

**S. E. REYNOLDS**  
**STATE ENGINEER**

January 2, 1964

ADDRESS CORRESPONDENCE TO:  
STATE CAPITOL  
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 Neil E. Salsich, Ltd., for administrative approval for conversion of the J. F. McAdams-Wright No. 2 well to water injection, further reference is made to my letter addressed to you under date of December 27, 1963 and to Mr. A. J. Losee's letter of December 30, 1963 in response to my letter to you.

This office offers no objection to the granting of this application provided injection is down tubing under a packer set well below the cement surrounding the 5½ inch casing.

Yours very truly,

S. E. Reynolds  
State Engineer

FEI/ma  
cc-A. J. Losee  
F. H. Hennighausen

By: *Frank E. Irby*  
Frank E. Irby  
Chief  
Water Rights Division

Reproduced By  
West Texas Electrical Log Service

Dallas 2, Texas

# ILLEGIBLE

REFERENCE N° A 5911 -D

## LANE WELLS Radioactivity Log

COMPANY J.P. McADAMS McADAMS GULF STATE NO. 2 WELL FIELD LOCATION COUNTY STATE	COMPANY: J.P. McADAMS	Well Location
	WELL: McADAMS GULF STATE NO. 2	
	FIELD: FOREST	
	LOCATION: 660 PNL & 1380 PNL SEC. 36, T-16-S, R-27-E	
	COUNTY: KENT STATE: N.M.	
	LOG ZERO: SURFACE FLOOR	ELFV: 3700
	DRUG ZERO: SURFACE FLOOR	ELFV: 3702
	PERM DATUM: 20' WELLS	ELFV: 3700
TYPE OF LOG	GAMMA RAY	N/GAMMA
RUN NO	1-8, 11	1-8, 11
DATE	11-25-56	11-25-56
TOTAL DEPTH DRILLER: S.L.	2899	2899
EFFECTIVE DEPTH DRILLER:	2899	2899
TOP OF LOGGED INTERVAL	SURF.	SURF.
BOTTOM OF LOGGED INTERVAL	2886	2895
TYPE OF FLUID IN HOLE	DRY	DRY
FLUID LEVEL		
MAXIMUM RECORDED TEMP.		6000
SOURCE STRENGTH & TYPE		18.25
SOURCE SPACING—IN		9.1
LENGTH OF MEAS. DEVICE—IN	36	3 5/8
O.D. OF INSTRUMENT—IN	3 5/8	3 5/8
TIME CONSTANT—SECONDS	3.2	3.2
LOGGING SPEED FT./MIN.	18-36	18-36
STATISTICAL VARIATION—IN	RECORDED	RECORDED
SENSITIVITY REFERENCE	274	275
DETECTOR CLASS	CHAMBER	CHAMBER
DETECTOR TYPE	R 127	C 209
RECORDED BY	SUTTON	SUTTON
WITNESSED BY	ALLEN	ALLEN

WELL RECORD					
RUN	BIT SIZE	CASING	WT.—LB	FROM WELL RECORD	FROM LOG
1	11	8 5/8	24	SURF. TO 113	SURF. TO 113
1	8	7	20	SURF. TO 2019	SURF. TO 2013
1	6 1/2			2019 TO 2800	2013 TO 2800
				TO	TO
				TO	TO

REMARKS OR OTHER DATA

COMPLETION RECORD