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CHAIRMAN

*State of New Mexico*  
**Oil Conservation Commission**



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MEMBER

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

P. O. DRAWER DD  
ARTESIA, NEW MEXICO  
March 10, 1965

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Attention: Mr. D. S. Nutter and  
Mr. E. A. Utz

Re: Order R 2871

Dear Dan and Elvis:

Order R 2871 authorized a waterflood project for H & M Oil Company, Kincaid & Watson, Neil E. Salsich, Jr. and Harold Kersey. All operators except Harold Kersey will operate authorized water injection wells. All operations apparently will be as individuals. Neil Salsich and Kincaid & Watson have waterfloods offsetting the flood authorized by the subject order.

Therefore, unless you or the operators have an objection we will add Kincaid & Watson's and Neil E. Salsich's new injection wells to their existing floods and prorate H & M Oil Company's and Harold Kersey's wells separately.

If there is any confusion as to what I mean, give me a call.

Very truly yours,

OIL CONSERVATION COMMISSION

A handwritten signature in dark ink, appearing to be "R L Stamets".  
R. L. Stamets

RLS/uh

FEBRUARY 9, 1965

NEW MEXICO STATE ENGINEERS OFFICE  
P. O. Box 2088  
SANTA FE, NEW MEXICO

RE: MAL-GRA UNIT  
LEA COUNTY, NEW MEXICO

ATTENTION: MR. FRANK IREY

GENTLEMEN:

THE NMCOO HEARD OUR APPLICATION TO CONDUCT A WATERFLOOD ON  
OUR PROPERTIES IN SECTIONS 20, 21 AND 29, 17S-33E, LAST  
SEPTEMBER. YOUR ONLY REQUIREMENT FOR APPROVAL WAS THAT WE  
SHOULD EQUIP EACH INJECTION WELL WITH A PACKER ON THE TUBING  
WITH THE PACKER SET IN THE BOTTOM JOINT OF CASING, IN THOSE  
WELLS COMPLETED IN OPEN HOLE, AND IN THE JOINT ABOVE THE  
UPPERMOST PERFORATION, IN THOSE WELLS COMPLETED THROUGH CASING.

THIS IS TO ADVISE THAT WE WILL COMPLETE THE INJECTION WELLS AS  
YOU HAVE SPECIFIED.

YOURS VERY TRULY,



ROBERT W. ARRENDIELL  
PRODUCTION MANAGER  
WEST TEXAS DIVISION

RWA:MM

CC: NMCOO SANTA FE, N.M.  
ATTN: MR. DAN NUTTER

COMMISSION OF PUBLIC LANDS  
SANTA FE, N.M.  
ATTN: MRS. MARION RHEA

OTHER \_\_\_\_\_

LAW OFFICES OF  
**JOHN F. RUSSELL**  
SUITE 1010 SECURITY NATIONAL BANK BUILDING  
P. O. DRAWER 640  
ROSWELL, NEW MEXICO 88201

TELEPHONE 622-4541  
AREA CODE 505

January 29, 1965

Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Elvis Utz

Re: Case No. 3195  
Application of H & M Oil  
Company, et al, for Water  
Flood Project

Dear Mr. Utz:

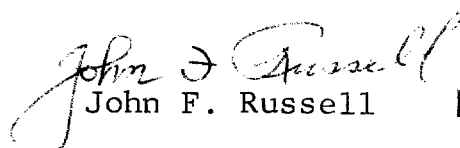
I would like to make the following statement and request in connection with the above captioned case, which was heard by you on January 27, 1965.

The applicants in the above case agree to the conditions set out by Mr. Frank Irby, Office of State Engineer, at the hearing, namely, that all casings will be pressure tested prior to the conversion of the proposed injection wells.

You will recall that we introduced exhibits and testimony in connection with the Root Federal No. 1 Well which was not included in the Application for this hearing. It is respectfully requested that this case be readvertised to include this well and the matter reset for hearing.

Thanking you for your cooperation in this matter, I remain

Very truly yours,

  
John F. Russell

**DOCKET MAILED**

JFR:pv  
cc: H & M Oil Company

Date \_\_\_\_\_

# H & M OIL COMPANY

809 Continental Life Bldg.  
Ft. Worth 2, Texas

February 19, 1965

Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Attention: Mr. Elvis Utz

Re: Case No. 3195  
Application of H & M Oil  
Company et al for  
Waterflood Project

Dear Mr. Utz:

In connection with the above captioned case, which was heard by you on January 27, 1965, it was agreed that additional information would be furnished to you and Mr. Frank Irby, Office of State Engineer, concerning the condition of tubular goods used in wells completed and owned by other operators, and certain other completion information.

The information that is to be used to supplement our testimony, and exhibits on this hearing are enclosed.

Thank you for your cooperation in this hearing.

Yours very truly,



Sam W. Hogan

SWH:1hm

cc: Mr. Frank Irby  
Mr. John F. Russell

H & M OIL COMPANY

COMPLETION INFORMATION

Kincaid & Watson Wright Federal No. 4 - Section 1-17S-29E

Completed 4-12-62

8-5/8" casing, cemented with 50 sacks. Calculated top 47' from surface.

Grade and condition - good used, 24# casing.

4 1/2" casing, cemented with 125 sacks. Calculated top 1815' from surface.

Grade and condition - new 10.5#, J-55.

Neil P. Salsich Root No. 1 - Section 6-17S-30E

This well was completed March 16, 1945.

8 1/4" surface casing was set at 500' and cemented with 50 sacks of cement. Cement circulated - condition of the casing was new.

5 1/2" new casing was set at 2500' and cemented with 100 sacks, estimated top of cement 1880' from surface.

The completion was made in open hole, 2500' to T.D. 2780'.

The well was shot with 240 quarts of nitroglycerin from 2665 to 2761', which covers the Metex and Premier zones of the Grayburg section.

Neil P. Salsich Root Federal No. 5 - Section 1-17S-29E

This well was completed using the following equipment:

10-3/4" surface casing - new - set at 558'. Cement was circulated to surface.

New 7" 20# casing was set at 2434'. Estimated top of cement is 1845' below surface.

New 4 1/4" 10.5# liner was set from 1780 to 3430'. Cement was circulated over top of liner at 1780'. Completion date 10-4-63.

LAW OFFICES OF  
**JOHN F. RUSSELL**  
SUITE 1010 SECURITY NATIONAL BANK BUILDING  
P. O. DRAWER 640  
ROSWELL, NEW MEXICO 88201

TELEPHONE 622-4641  
AREA CODE 505

December 30, 1964

Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

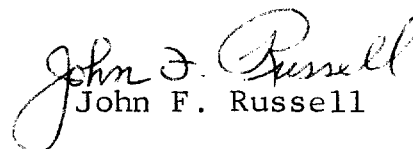
Gentlemen:

I transmit herewith a joint application for an order authorizing a waterflood project in the Square Lake Pool, Eddy County, New Mexico.

The exhibit referred to in the application as Exhibit "A" was not furnished to me in a complete form and I am requesting that this be made available as soon as possible and, upon receipt, will be promptly filed with your office.

I do enclose for your preliminary information a diagram showing most of the pertinent information which will be included in Exhibit "A" when received.

Very truly yours,

  
John F. Russell

JFR:np

cc: Mr. Frank Irby  
Office of State Engineer  
State Capitol  
Santa Fe, New Mexico 87501

DOCKET MAILED

Date 1-15-65

DOCKET MAILED

Date 1-15-65

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January 14, 1965

87501

Mr. John F. Russell  
Attorney at Law  
P. O. Drawer 640  
Roswell, New Mexico 88201

Dear Mr. Russell:

Reference is made to the application of H & M Oil Company, Kincaid & Watson, N. E. Salsich, Jr., and Kersey seeking authority from the Oil Conservation Commission to commence a waterflood project in Sec. 1, T. 17 S., R. 29 E., and Sec. 6, T. 17 S., R. 30 E., in the Square Lake Pool which was submitted by you on December 30, 1964. After studying the diagrammatic sketches for the six proposed injection wells, I find that I will need the following information in order to reach a reasonable conclusion.

1. Root No. 1

What are cement tops surrounding 8 5/8 inch casing and 5½ inch casing?

What was grade and condition of casing when installed in December 1959?

2. Root No. 3

What are cement tops surrounding 8 5/8 inch casing and 5½ inch casing?

What was grade and condition of casing when installed in August 1958?

3. Bedingfield No. 1

Is 8 5/8 inch casing set at 446 feet or 466 feet?  
(Reference Exhibits B & C)



What are cement tops surrounding 8 5/8 inch casing and 5½ inch casing?

What was grade and condition of casing when installed in April 1959?

4. Bedingfield No. 2

Is 8 5/8 inch casing set at 442 feet or 422 feet?

What are cement tops surrounding 8 5/8 inch casing and 5½ inch casing?

What was grade and condition of casing when installed in 1959?

5. Kincaid & Watson - Wright Federal No. 4

What are cement tops surrounding 8 5/8 inch casing and 4½ inch casing?

What is the completion date of this well?

What was the grade and condition of casing when installed?

6. Neil E. Salsich - Root Federal No. 5

When tests are conducted will packer be set at such depth that the seal between the 7 inch casing and the liner will be adequately tested (below top of liner)?

What are cement tops surrounding 10 3/4 inch casing, 7 inch casing and 4½ inch liner?

What is the completion date of this well?

What was the grade and condition of the casing when installed?

Diagram shows 4½ inch liner at 3430 feet and Exhibit C shows total depth of hole at 3435 feet.

Is there 5 feet of open hole not shown in diagram?

Is H & M Oil Company the operator for all six wells?

If it is convenient for you and your clients, I would appreciate receiving this information prior to the hearing.

Very truly yours,

S. E. Reynolds  
State Engineer

FEI/ma  
cc-Oil Conservation Commission  
F. H. Hennighausen

By:  
Frank E. Irby  
Chief  
Water Rights Division