

State of New Mexico
Oil Conservation Commission



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

AND COMMISSIONER
S. JOHNNY WALKER
MEMBER

P. O. BOX 2088
SANTA FE

all wells in
Injection in both projects is to be through
tubing and packers. The packer in the nearburg
& Ingram Drenery Well No. 2 shall be set at 2500 feet
and the packers in the Kincaid & Watson Wright ~~Wells~~
wells Nos. 2 and 5 at 2570 feet and
2595 feet, respectively.
Mr. John Russell
Attorney at Law
Post Office Drawer 640
Roswell, New Mexico

Gentlemen:

Enclosed herewith is Commission Order No. R- 2737, entered in Case
No. 3070, approving the ~~Nearburg & Ingram Drenery Water Flood~~
~~Water Flood Project and the Kincaid and Watson Wright Square Lake~~
~~Water Flood Project~~ *Square Lake*
According to our calculations, our calculations indicate that
wells have been placed on active injection, the maximum allowable which this *Nearburg*
project will be eligible to receive under the provisions of Rule 701-E-3
is 126 barrels per day, *and the maximum which the Kincaid & Watson*
project will be eligible to receive is 252 barrels per day.
Please report any error in these calculated maximum allowables immediately,
both to the Santa Fe office of the Commission and the appropriate District
proration office.

In order that the allowable assigned to ~~the~~ *each* project may be kept current,
and in order that the operator may fully benefit from the allowable provisions
of Rule 701, it behooves him to promptly notify both of the aforementioned
Commission offices by letter of any change in the status of wells in the project
area, i.e., when active injection commences, when additional injection or
producing wells are drilled, when additional wells are acquired through purchase
or unitization, when wells have received a response to water injection, etc.

Your cooperation in keeping the Commission so informed as to the status
of the project and the wells therein will be appreciated.
these projects

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

cc: OCC - Artesia

Case file

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

July 8, 1964

C
O
P
Y

Mr. John Russell
Attorney at Law
Post Office Drawer 640
Roswell, New Mexico

Dear Sir:

Enclosed herewith is Commission Order No. R-2737, entered in Case No. 3070, approving the Nearburg & Ingram Drewery Square Lake Waterflood Project and the Kincaid & Watson Wright Square Lake Waterflood Project. Injection in all wells in both projects is to be through tubing and packers. The packer in the Nearburg & Ingram Drewery Well No. 2 shall be set at 2500 feet and the packers in the Kincaid & Watson Wright Wells Nos. 2 and 5 at 2570 feet and 2595 feet respectively.

As to allowables, our calculations indicate that when all of the authorized injection wells have been placed on active injection, the maximum allowable which the Nearburg & Ingram project will be eligible to receive under the provisions of Rule 701-E-3 is 126 barrels per day, and the maximum which the Kincaid & Watson project will be eligible to receive is 252 barrels per day.

Please report any error in these calculated maximum allowables immediately, both to the Santa Fe office of the Commission and the appropriate district proration office.

In order that the allowable assigned to each project may be kept current, and in order that the operator may fully benefit from the allowable provisions of Rule 701, it behooves him to promptly notify both of the aforementioned Commission offices by letter of any change in the status of wells in the project area, i. e., when

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

-2-

**Mr. John Russell
Attorney at Law
Post Office Drawer 640
Roswell, New Mexico**

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active injection commences, when additional injection or producing wells are drilled, when additional wells are acquired through purchase or unitization, when wells have received a response to water injection, etc.

Your cooperation in keeping the Commission so informed as to the status of these projects and the wells therein will be appreciated.

Very truly yours,

**A. L. PORTER, Jr.
Secretary-Director**

ALP/ir

cc: **Oil Conservation Commission
Artesia, New Mexico**

**Mr. Frank Irby
State Engineer Office
Santa Fe, New Mexico**



Case 3070

MAIN OFFICE

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, N. M.

June 15, 1964

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


Dear Mr. Porter:

Reference is made to the application of Nearburg & Ingram and Kincaid & Watson Drilling Company which seeks authority to commence a water flood project in the Square Lake pool of Eddy County by injection of water into the Grayburg Sands through three wells. If the wells are constructed and equipped in the manner shown on Exhibit B (three diagrammatic sketches), it appears that no threat of contamination to the fresh waters which exist in the area will occur. Therefore, this office offers no objection to the granting of the application.

Very truly yours,

S. E. Reynolds
State Engineer

FEI/ma
cc-John F. Russell

By: 
Frank E. Irby
Chief
Water Rights Division

200 SOUTH FOURTH ST.

TELEPHONE 744-4011

CAPROCK WATER COMPANY

P. O. BOX 607

ARTESIA, NEW MEXICO

JUNE 10, 1964

RECEIVED JUN 11 1964

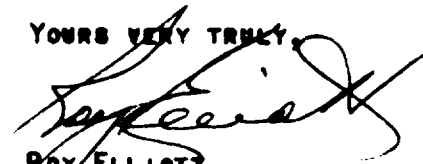
MR. TOM L. INGRAM
100 SOUTH KENTUCKY
ROSWELL, NEW MEXICO

THANK YOU FOR YOUR LETTER OF JUNE 9, 1964 REGARDING A WATER ANALYSIS FOR THE TEXACO SQUARE LAKE UNIT 31 FLOOD. WE ARE HEREWITH ENCLOSING THIS WATER ANALYSIS.

WE ARE SUPPLYING THE SQUARE LAKE UNIT FROM FOUR WATER WELLS LOCATED IN SECTION 2, T, 17 S, R 28 E.

WE TRUST THAT THIS IS THE INFORMATION YOU NEED AND IF WE MAY BE OF FURTHER SERVICE TO YOU PLEASE ADVISE.

YOURS VERY TRULY,



ROY ELLIOTT

Treat-Rite Water Laboratories, Inc.

BOX 1468

MONAHANS, TEXAS

RESULT OF WATER ANALYSES

TO: Mr. L. D. Crumly LABORATORY NO. 104422
503 Oil & Gas Building, Midland, Texas SAMPLE RECEIVED 4-9-64
 RESULTS REPORTED 4-13-64
 COMPANY Caspian Water Company LEASE East Red Lake Supply System
 FIELD OR POOL East Red Lake

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Elly STATE N. M.

SOURCE OF SAMPLE AND DATE TAKEN:

- NO. 1 Raw water - taken from Neil E. Seisich, Ltd's raw water line. 4-9-64
 NO. 2 _____
 NO. 3 _____
 NO. 4 _____

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60 Degs. F.	1.0036			
pH When Sampled	7.5			
Acidity as CaCO ₃	7.5			
Total Alkalinity as CaCO ₃	124			
Hardness as CaCO ₃	1			
Under-saturation as CaCO ₃	2			
Total Solids as CaCO ₃	2,536			
Calcium as CaCO ₃	1,881			
Magnesium as CaCO ₃	655			
Sulfate as SO ₄	1,934			
Chloride as NaCl	2,472			
Silica as SiO ₂	12.8			
Iron as Fe	0.26			
Manganese as Mn	0.8			
Barium as Ba	0.8			
Turbidity Electric	0.64			
Color as Pt	2.6			
Dissolved Solids at 105 deg. C				
Total Solids at 105 deg. C				
Total Solids, Calculated				
Temperature Degs. F.	63			
Carbon Dioxide, Calculated	8			
Dissolved Oxygen, Winkler	3.5			
Hydrogen Sulfide	0.0			
Residual Chlorine	0.0			
Resistivity OHMS/CC at 60 Degs. F.	175			
Total Suspended Solids				

All Results Reported As Parts Per Million

Additional Determinations And Remarks

The above results are considered very favorable indication of the continued satisfactory chemical and physical properties of the water in this supply line. We have been unable to acquire satisfactory samples on the General American or International leases. We have, therefore, utilized the Seisich raw water line on this trip.

ILLEGIBLE

PLAIN OFFICE 000

1964 JUN 4 AM 7:28

June 3, 1964

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

Dear Mr. Russell:

Reference is made to the application of your clients Nearburg & Ingram and Kincaid & Watson seeking Oil Conservation Commission approval to water flood the Grayburg Sands in the Square Lake Pool of Eddy County. The application and each of the three diagrammatic sketches state that water for injection will be obtained from the Texas Company. The sketches show that the water will be fresh.

My information indicates that the water for the Texaco flood is obtained from Caprock Water Co. and is coming from a well west of their Square Lake 31 Unit which produces water of low chemical quality. If you can give me the location of the source water well and an analysis of the water, I think I can give you a waiver on the application.

Best personal regards.

Very truly yours,

S. E. Reynolds
State Engineer

By:

Frank E. Irby
Chief
Water Rights Division

FEI:cl

cc: Mr. A. L. Porter

Case 3070

Page 3070

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

MAIN OFFICE OCC

TELEPHONE 622-4841
AREA CODE 505

1964 JUN 16 AM 7:59

June 12, 1964

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

RE: Application of Nearburg & Ingram
and Kincaid & Watson for a water-
flood project in Square Lake

Dear Frank:

Pursuant to your recent request, I transmit
herewith for your files two copies of the water analysis
of the water to be used in this project, accompanied by
a letter showing the location of the wells from which
this water will be supplied.

Very truly yours,

John F. Russell

JFR:np

Enclosure

cc: Oil Conservation Commission - w/enclosure
Box 2088
Santa Fe, New Mexico 87501

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Page 3070

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

May 25, 1964

RECEIVED 11 AM 02

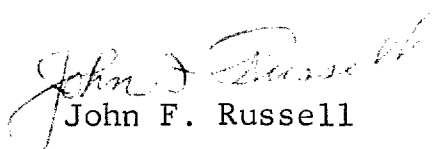
Mr. A. L. Porter
Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

Pursuant to my telephone conversation of this date with Mr. Nutter, I transmit herewith a corrected page one of the joint application of Nearburg & Ingram and Kincaid & Watson.

It will be appreciated if this corrected page is substituted for the one originally forwarded to you.

Very truly yours,


John F. Russell

JFR:np
Enclosure

cc: Mr. S. E. Reynolds, State Engineer w/enclosure
Kincaid & Watson w/enclosure
Nearburg & Ingram w/enclosure

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

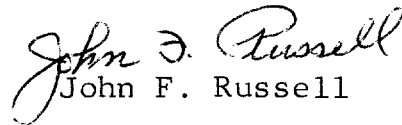
May 21, 1964

Mr. A. L. Porter
Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

I transmit herewith in triplicate the joint application of Nearburg & Ingram and Kincaid & Watson Drilling Company for approval of a waterflood project in the Square Lake Pool of Eddy County, New Mexico.

Very truly yours,


John F. Russell

JFR:np

Enclosures

File 3070

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

TELEPHONE 622-4641
AREA CODE 505

May 21, 1964

Mr. S. E. Reynolds
State Engineer
State Capitol
Santa Fe, New Mexico 87501

Dear Mr. Reynolds:

I transmit herewith a copy of the joint application of Nearburg & Ingram and Kincaid & Watson Drilling Company for approval of a waterflood project in the Square Lake Pool of Eddy County, New Mexico.

Very truly yours,

John F. Russell
John F. Russell

JFR:np

Enclosure

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

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