



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS  
STATE ENGINEER

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

July 1, 1964

Mr. A. L. Porter, Jr.  
Secretary-Director  
Oil Conservation Commission  
Santa Fe, N. M.

Dear Mr. Porter:

Reference is made to the application of Frank Darden for water flood project in Eddy County which was the subject of OCC Case 3060. This office offers no objection to the granting of the application to convert Magnolia State No. 2 and the Ohio State No. 1 to water injection, provided Mr. Darden gives sufficient notice to Engineer James I. Wright at our Roswell District Office in order that he or a member of his staff may be present at the time of testing the casing, and further provided that if the equipment in either of the wells fails to stand the required test that injection will be through tubing under packer with the packer set well below the top of the cement surrounding the 5½" casing.

Yours truly,

S. E. Reynolds  
State Engineer

FEI/ma  
cc-Frank Darden  
Richard S. Morris

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

GOVERNOR  
EDWIN L. MECHEM  
CHAIRMAN

State of New Mexico  
Oil Conservation Commission



P. O. BOX 2088  
SANTA FE  
87501

AND COMMISSIONER  
S. JOHNNY WALKER  
MEMBER

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

*Prior to conversion to water injection. Any oil which will not withstand this pressure shall be equipped with tubing and a pack set immediately above the perforation. Please notify the State Engineer Office @ Artesia @ Roswell and the OCC Office @ Artesia of the exact hour and date these pressure tests are to be commenced.*

Mr. Richard S. Morris  
Seth, Montgomery, Federici & Andrews  
Post Office Box 2307  
Santa Fe, New Mexico

Dear Mr. Morris:

Gentlemen:

Enclosed herewith is Commission Order No. R-2734, entered in Case No. 3060, approving the Frank Darden Cawston Artesia Water Flood Project. *Injection is to be through casing in the two authorized wells. The casing in each is to be tested to 2000 psi.*  
*As to allowable calculations indicate that*  
According to our calculations, when all of the authorized injection wells have been placed on active injection, the maximum allowable which this project will be eligible to receive under the provisions of Rule 701-E-3 is 294 barrels per day.

Please report any error in this calculated maximum allowable immediately, both to the Santa Fe office of the Commission and the appropriate District proration office.

In order that the allowable assigned to the 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.

Very truly yours,

cc: OCC - Artesia  
Frank Irby

A. L. PORTER, Jr.  
Secretary-Director

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

July 8, 1964

Mr. Richard S. Morris  
Seth, Montgomery, Federici & Andrews  
Post Office Box 2307  
Santa Fe, New Mexico

Dear Sir:

Enclosed herewith is Commission Order No. R-2734, entered in Case No. 3060, approving the Frank Darden Cowtown Artesia Waterflood Project. Injection is to be through casing in the two authorized wells. The casing in each is to be tested to 2000 psi prior to conversion to water injection. Any well which will not withstand this pressure shall be equipped with tubing and a packer set immediately above the perforations. Please notify the State Engineer Office at Roswell and the Oil Conservation Commission Office at Artesia of the hour and date these pressure tests are to be commenced.

As to allowable, our calculations indicate that when all of the authorized injection wells have been placed on active injection, the maximum allowable which this project will be eligible to receive under the provisions of Rule 701-E-3 is 294 barrels per day.

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

In order that the allowable assigned to the 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

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**OIL CONSERVATION COMMISSION**

P. O. BOX 871

SANTA FE, NEW MEXICO

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**Mr. Richard S. Morris  
Seth, Montgomery, Federici & Andrews  
Post Office Box 2307  
Santa Fe, New Mexico**

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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.

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

Very truly yours,

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A. L. PORTER, Jr.  
Secretary-Director

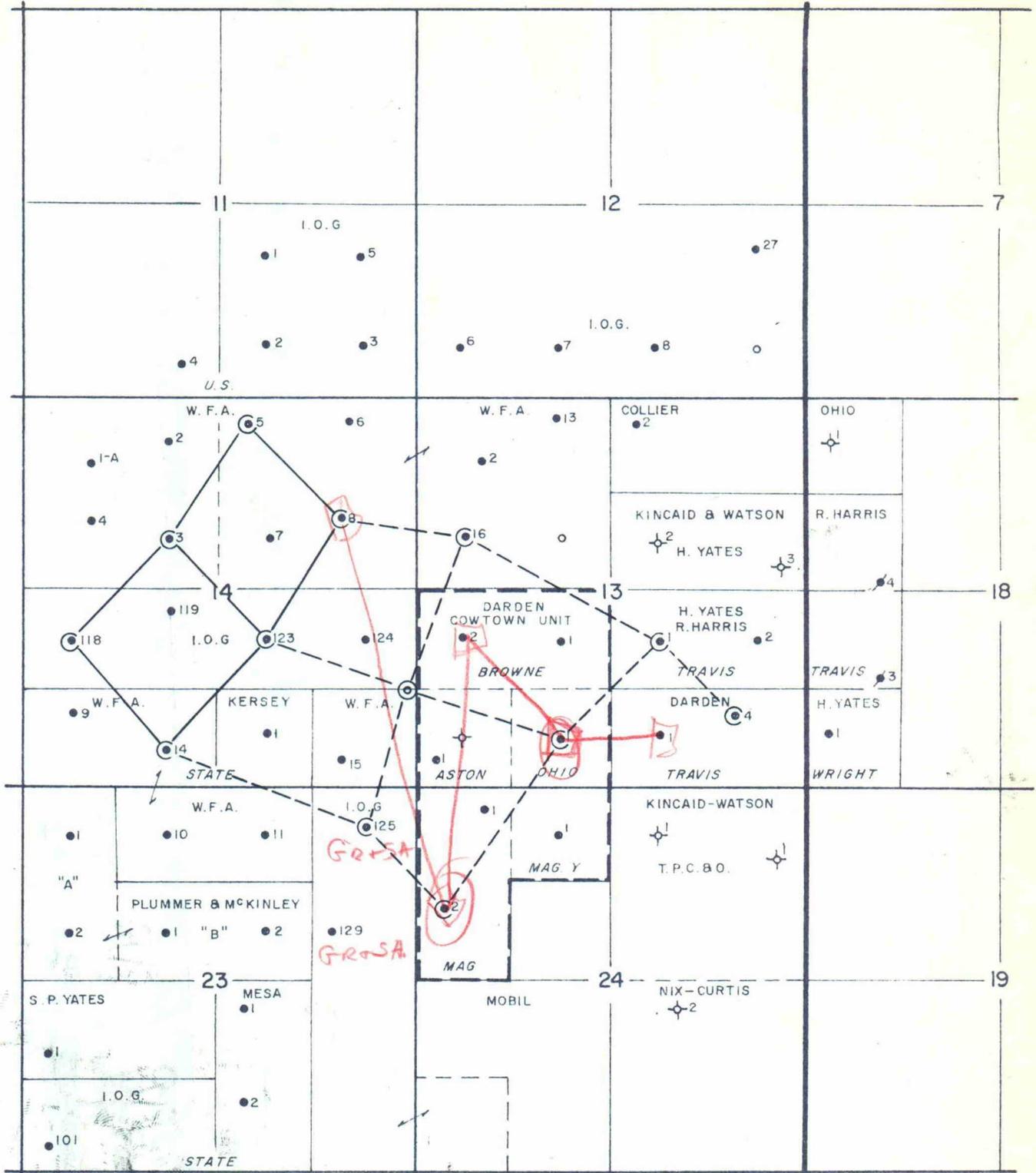
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ALP/ir

cc: Oil Conservation Commission  
Artesia, New Mexico

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

R 28 E

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**BEFORE EXAMINER UTZ**  
 CONSERVATION COMMISSION  
*Darden* EXHIBIT NO. 1  
 STATE NO. 3060

FRANK DARDEN ENGINEERING  
 PROPOSED INJECTION PATTERN  
 COWTOWN UNIT  
 EDDY COUNTY, NEW MEXICO

