

WEX - 128
Due Mar 25

NEWMONT OIL COMPANY

ROWLEY BUILDING

ARTESIA, NEW MEXICO

1000
MAR 13 1963

NEW MEXICO
DISTRICT OFFICE

State of New Mexico
Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Gentlemen:

We hereby make application for administrative approval for conversion of the following producing wells to injection. These wells are all within Newmont's East Square Lake waterflood project. Such conversions will be in conformance with the existing pattern, and will be Stage III of Oil Conservation Commission Order No. R-2064.

Johnson No. 10 - SW/4 SW/4 Sec. 34-16-31
Johnson No. 12 - SW/4 SE/4 Sec. 34-16-31
Johnson No. 17 - SW/4 NE/4 Sec. 34-16-31
Carper-Federal "A" No. 1 - NE/4 SE/4 Sec. 34-16-31
Carper-Federal No. 5 - NE/4 SW/4 Sec. 34-16-31

The attached tabulation presents data pertinent to conversion. Since no shallow water was encountered in either of the Carper wells, and since surface pipe was set below the top of the salt, it is our intention to inject water down the production casing.

Since surface pipe was set at or near the top of the salt in Johnson 10 and 12, and in view of the fairly recent completion date of Johnson No. 17, we also plan to inject water down production casing in these wells. We will check the casing for leaks to 2500 psi in each well.

According to the provisions of R-2064, these wells cannot be converted before April 1, 1963. We plan, therefore, to convert them on that date.

A copy of this application has been sent to Sinclair, BTA Oil Producers, and Waterflood Associates, as offset operators, and to the State Engineer.

Yours very truly,

NEWMONT OIL COMPANY

R. J. Cook

Robert J. Cook
District Engineer

RJC-sf
Attachment

NEWMONT OIL COMPANY
EAST SQUARE LAKE WATERFLOOD PROJECT
COMPLETION DATA - STAGE III INJECTION WELLS

| <u>LEASE, WELL NO.</u> | <u>TOTAL DEPTH</u> | <u>SURFACE CSG SIZE, DEPTH, CEMENT</u> | <u>TOP SALT</u> | <u>FRESH WATER SHOWS</u> | <u>PRODUCTION CASING SIZE, DEPTH, CEMENT</u> | <u>COMPLETION DATE</u> | <u>CURRENT STATUS*</u> |
|-----------------------------------|------------------------|--|---------------------|------------------------------|--|----------------------------|----------------------------|
| Johnson No. 10 | 3703 | 8 5/8" @ 745 w/50 sx | 750 | None | 5 1/2" @ 3395 w/100 sx | 11-46 | 5 bo, 1 bw |
| Johnson No. 12 | 3760 | 8 5/8" @ 770 w/50 sx | 770 | None | 7" @ 3483 w/100 sx | 9-47 | 2 bo, 0 bw |
| Johnson No. 17 | 3761 | 8 5/8" @ 95 w/50 sx | 900 | None | 5 1/2" @ 3505 w/100 sx | 3-56 | 1 bo, 0 bw |
| Carper-Federal 5 | 3619 | 8 1/4" @ 810 w/50 sx | 800 | None | 5 1/2" @ 3370 w/100 sx | 3-46 | 2 bo, 0 bw |
| Carper-Federal "A" 1 (PB 3770) | 3855 | 8" @ 880' w/50 sx | 875 | None | 5 1/2" @ 3454 w/100 sx | 12-44 | 1 bo, 0 bw |

*Current status is average daily

Production in February, 1963



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

March 25, 1963

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

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

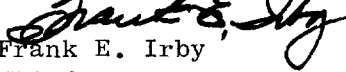
Dear Mr. Porter:

Reference is made to the application of Newmont Oil Company which seeks administrative approval to convert five wells to water injection wells in the East Square Lake Waterflood. The wells involved are Johnson No. 10, SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34, T. 16 S., R. 31 E., Johnson No. 12, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34, T. 16 S., R. 31 E., Johnson No. 17, SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 34, T. 16 S., R. 31 E., Carper-Federal "A" No. 1, NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34, T. 16 S., R. 31 E., Carper-Federal No. 5, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34, T. 16 S., R. 31 E. Only one of these wells (Carper-Federal No. 5) is set into the salt formation below the Rustler. We have no objection to the granting of approval for the conversion of this one well. On the other four wells we object to the conversion unless injection is to be down tubing under a packer set well below the top of the cement surrounding the production casing.

Very truly yours,

S. E. Reynolds
State Engineer

FEI/ma
cc-Newmont Oil Co.
F. H. Hennighausen

By: 
Frank E. Irby
Chief
Water Rights Division

NEWMONT OIL COMPANY

300 BOOKER BUILDING

ARTESIA, NEW MEXICO

March 27, 1963

NEW MEXICO
DISTRICT OFFICE

1963 MAR 29 AM 8/08

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

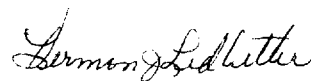
Attention: Mr. Frank E. Irby

Dear Sir:

In reference to your letter of March 25, 1963 to the Oil Conservation Commission, concerning our application to convert Johnson No. 10 12 & 17, and Carper Federal "A" No. 1, I would like for you to consider allowing us to test the casing to 2500 psi in lieu of running tubing and packer in these wells, however if this is the only condition under which we may convert them we will comply with your wishes.

Yours very truly,

NEWMONT OIL COMPANY



Herman J. Ledbetter
District Superintendent

HJL-sf

Carbon Copy to: Oil Conservation Commission

March 29, 1963

C
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P
Y

Mr. Herman J. Ledbetter
District Superintendent
Newmont Oil Company
Artesia, N. M.

Dear Mr. Ledbetter:

After reading your letter of March 27, 1963 and reviewing your application to the Oil Conservation Commission which seeks to convert the following wells:

Johnson No. 10 - SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-16-31
Johnson No. 12 - SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-16-31
Johnson No. 17 - SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-16-31
Carper-Federal "A" No. 1 - NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-16-31
Carper-Federal No. 5 - NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-16-31

I find nothing significant in your offer to test the casing in each case to 2500 PSI.

Yours truly,

S. E. Reynolds
State Engineer

FEI/ma
cc-Oil Conservation Commission

By:
Frank E. Irby
Chief
Water Rights Division

NEWMONT OIL COMPANY

300 BOOKER BUILDING

ARTESIA, NEW MEXICO

May 2, 1963

NEW MEXICO
DISTRICT OFFICE

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

Attention: Mr. Frank E. Irby

Dear Sir:

Regarding our recent correspondence with your office and the Oil Conservation Commission concerning conversion of the wells listed below to water injection; this is to inform you that we plan to inject water down tubing, beneath a packer to be set below the top of cement outside the production string.

These wells are the Johnson Nos. 10, 12, and 17, and the Carper-Federal "A" No. 1 in the East Square Lake Field.

We trust that this will be satisfactory to you. If so, will you so notify the Commission.

Yours very truly,

NEWMONT OIL COMPANY



Robert J. Cook
District Engineer

RJC-sf
Carbon to: Oil Conservation Commission



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

May 3, 1963

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 Newmont Oil Company's letter of May 2, 1963 concerning method of injection into the following wells:

Johnson No. 10, Johnson No. 12, Johnson No. 17 and Carper-Federal "A" No. 1 in the East Square Lake Field.

In view of Mr. Cook's statement that injection will be down tubing, beneath the packer to be set below the top of the cement outside the production string, this office offers no objection to the granting of the application.

Very truly yours,

S. E. Reynolds
State Engineer

By:

Frank E. Irby
Frank E. Irby
Chief

Water Rights Division

FEI/ma
cc-F. H. Hennighausen
R. J. Cook

