

LEONARD LATCH
1812 ~~237~~ TEXAS AVE.
LUBBOCK, TEXAS 79401

October 8, 1968

Case 3929

Oil Conservation Commission
Box 2088
Santa Fe, New Mexico

Attention Mr. Dan Nutter, Chief Engineer

Gentlemen:

Re: Proposed Waterflood
Empire Field, Eddy County,
New Mexico

This application applies to three leases operated by Leonard Latch,
which are:

- No. 1 Saunders A Lease S/2 & NW/4 of NE/4 of Sec. 13-17-27
- No. 2 Saunders B Lease NE/4 of NE/4 Sec. 13-17-27
- No. 3 Travis Lease S/2 of SE/4 Sec. 12-17-27

These leases produce from the Yates Sand Formation at a depth of 500 ft.

Enclosed is the data which you require, in order to make application for a waterflood. I would appreciate it if you would set me a hearing for me at the earliest possible date, as I will need to have the flood in operation by Jan. 1, 1969.

I will be injecting the produced water from the wells on the various leases involved, and will not be using any fresh water. One well which we fraced into bottom hole water is capable of making all the water we would need in order to carry out the proposed waterflood.

LL/ca

Yours very truly,

Leonard Latch
Leonard Latch

DOCKET MAILED

Date

11-1-68



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Drawer U
Artesia, New Mexico 88210

October 18, 1968

Mr. Leonard Latch
1812 Texas Avenue
Lubbock, Texas 79401

Dear Sir:

By copy of letter to the New Mexico Oil Conservation Commission, you request approval to operate a waterflood project of the Yates formation in T. 17 S., R. 27 E., N.M.P.M., Eddy County, New Mexico on that portion of oil and gas leases described as follows:

Las Cruces 048491-B
sec. 13: NE $\frac{1}{4}$

New Mexico 025603
sec. 12: S $\frac{1}{2}$ SE $\frac{1}{4}$

You propose to inject produced water with a line drive flood pattern and the following wells are to be converted to water injection:

<u>Well No. and Lease</u>	<u>Location</u>
No. 1-Travis	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12
No. 2-Travis	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12
No. 3-Travis	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12
No. 2-Saunders "A"	NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 13
No. 6-Saunders "A"	SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 13

The plan for operating the above described waterflood project as proposed in the application is satisfactory to this office, and hereby approved subject to approval by the New Mexico Oil Conservation Commission and the following:

1. This project will be operated in compliance with the New Mexico Oil Conservation Commission regulations governing waterflood operations.

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2. Duplicate copies of a monthly progress report (N.M.O.C.C. form C-120 acceptable) are to be submitted to this office showing the volume of water injected and average pressures for the injection wells and production for the producing wells in the project area.
3. This approval does not preclude the necessity for further approval when the project is expanded to include other wells and leases or the necessity to submit the usual notices and reports on wells involved.

Sincerely yours,

(Orig. Sgn.) ROBERT L. BECKMAN

Robert L. Beekman
Acting District Engineer

cc:
N.M.O.C.C., Santa Fe ✓
Roswell
File
Accounts

RLB:ih 10/18/68

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 19, 1968

C
Mr. Leonard Latch
1812 Texas Avenue
Lubbock, Texas 79401

Dear Sir:

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Enclosed herewith is Commission Order No. R-3573, entered in Case No. 3929, approving the Latch Empire Travis Waterflood Project and the Latch Empire Saunders Waterflood Project.

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Injection is to be through the five authorized water injection wells, each of which is to be equipped with a string of tubing set in a packer located within approximately ten feet of the casing shoe.

The casing-tubing annulus in each well shall be loaded with an inert fluid and equipped with a pressure gauge at the surface to facilitate detection of leakage in the casing, tubing, or packer.

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As to allowable, our calculations indicate that when all of the authorized injection wells have been placed on active injection, the maximum allowable which the Empire Travis Project will be eligible to receive under the provisions of Rule 701-E-3 is 140 barrels per day when the Southeast New Mexico normal unit allowable is 42 barrels per day or less and the maximum for the Empire Saunders Project is 196 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.

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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**Mr. Leonard Latch
1812 Texas Avenue
Lubbock, Texas 79401**

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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 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,

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

ALP/DSN/ir

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

**U. S. Geological Survey
Artesia, New Mexico**

**Mr. D. E. Gray
State Engineer Office
Santa Fe, New Mexico**