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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 1814
Order No. R-1546

APPLICATION OF LEONARD LATCH
FOR AN ORDER AUTHORIZING TWO
WATER FLOOD PROJECTS IN THE
EMPIRE POOL, EDDY COUNTY, NEW
MEXICO

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 24, 1959, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 10th day of December, 1959, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant proposes to institute a water flood project in the Empire Pool by the injection of water into the Seven Rivers formation through the following-described 10 wells in the N/2 of Section 19, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico:

- Brooks Well No. 1, located in Unit A;
- Brooks Well No. 21, located in Unit B;
- Brooks Well No. 14, located in Unit G;
- Brooks Well No. 12, located in Unit F;
- Brooks Well No. 17, located in Unit F;
- Brooks Well No. 7, located in Unit E;

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Brooks Well No. 4, located in Unit E;
Brooks Well No. 22, located in Unit B;
Brooks Well No. 9, located in Unit C;
Brooks Well No. 20, located in Unit C.

(3) That Order No. R-200, issued on October 15, 1952, authorizing a subsequently abandoned water flood project on the said N/2 of Section 19 should be superseded.

(4) That the applicant proposes to institute a second water flood project in the Empire Pool by the injection of water into the Seven Rivers formation through the following-described 7 wells in Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico:

Travis Well No. 2, located in Unit O,
Section 12;
Travis Well No. 5, located in Unit O,
Section 12;
Saunders A Well No. 7, located in Unit B,
Section 13;
Saunders A Well No. 4, located in Unit B,
Section 13;
Saunders A Well No. 5, located in Unit H,
Section 13;
Saunders A Well No. 9, located in Unit H,
Section 13;
Saunders A Well No. 10, located in Unit G,
Section 13.

(5) That the producing wells in the areas to be water flooded are substantially depleted.

(6) That all the wells in the two proposed water flood projects contain only one string of casing and in no case is the cement circulated to the surface and said casing is between nine and twenty years old as of the date of this order.

(7) That the casing in all proposed injection wells in the two water flood projects should be pressure-tested and any defects revealed by said tests should be repaired to the satisfaction of the Artesia District Supervisor of the Commission before the injection of water is commenced.

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(8) That the operation of the two proposed water flood projects should be governed by the provisions of Rule 701 of the Commission Rules and Regulations, including those provisions regarding allocation of allowables and expansion of the project areas.

IT IS THEREFORE ORDERED:

(1) That the applicant be and the same is hereby authorized to institute what shall hereafter be known as the "Latch-Empire Water Flood Project No. 1" in the Empire Pool by the injection of water into the Seven Rivers formation through the following-described 10 wells in Section 19, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico:

- Brooks Well No. 1, located in Unit A;
- Brooks Well No. 21, located in Unit B;
- Brooks Well No. 14, located in Unit G;
- Brooks Well No. 12, located in Unit F;
- Brooks Well No. 17, located in Unit F;
- Brooks Well No. 7, located in Unit E;
- Brooks Well No. 4, located in Unit E;
- Brooks Well No. 22, located in Unit B;
- Brooks Well No. 9, located in Unit C;
- Brooks Well No. 20, located in Unit C.

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(2) That Order No. R-200, issued on October 15, 1952, be and the same is hereby superseded.

(3) That the applicant be and the same is hereby authorized to institute what shall hereafter be known as the "Latch-Empire Water Flood Project No. 2" in the Empire Pool by the injection of water into the Seven Rivers formation through the following-described 7 wells in Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico:

- Travis Well No. 2, located in Unit O, Section 12;
- Travis Well No. 5, located in Unit O, Section 12;

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Saunders A Well No. 7, located in Unit B,
Section 13;

Saunders A Well No. 4, located in Unit B,
Section 13;

Saunders A Well No. 5, located in Unit H,
Section 13;

Saunders A Well No. 9, located in Unit H,
Section 13;

Saunders A Well No. 10, located in Unit G,
Section 13.

(4) That all injection wells in the above-mentioned water flood projects shall be tested with a minimum of 450 pounds pressure, said testing pressure to be maintained for 30 minutes. If a pressure drop exceeding ten percent is experienced, the casing shall be considered defective and must be repaired to the satisfaction of the Artesia District Supervisor of the Commission before the injection of water is commenced.

(5) That the operation of the two water flood projects herein authorized shall be governed by the provisions of Rule 701 of the Commission Rules and Regulations, including those provisions regarding allocation of allowables and expansion of the project areas.

(6) That monthly progress reports on the water flood projects herein authorized shall be submitted to the Commission in accordance with Rule 704 and Rule 1119 of the Commission Rules and Regulations.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

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MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

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