

Entered June 5, 1968
G.L.P.

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. 3772
Order No. R-3426

APPLICATION OF GEORGE L. BUCKLES
COMPANY FOR THREE WATERFLOOD PROJ-
ECTS, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 8 a.m. on May 22, 1968, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 5th day of June, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, George L. Buckles, seeks authority to institute three waterflood projects by the injection of water into the Queen Sand of the Langlie-Mattix Pool in Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as follows:

A waterflood project comprising all of Section 3 and the E/2 NE/4 and NE/4 SE/4 of Section 4, with injection to be through eight wells located in Units A, F, J, L, M, O, & P of Section 3, and Unit H of Section 4;

A waterflood project comprising the S/2 S/2 of Section 10, the W/2 SW/4 of Section 11, the W/2 NW/4 of Section 14, and the NE/4 and NE/4 NW/4 of Section 15, with injection to be through ten wells located in Units M & O of Section 10, Unit M of Section 11, Unit D of Section 14, and Units A, B, C, G, and H of Section 15;

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A waterflood project comprising the NE/4 of Section 22, with injection to be through three wells located in Units B, G, and H of Section 22.

(3) That the applicant also requests authority to drill a number of said injection wells at unorthodox locations, often 5 to 15 feet from the corners and/or boundaries of their respective 40-acre tracts.

(4) That the wells in each of the project areas are in an advanced state of depletion and should properly be classified as "stripper" wells.

(5) That in order to complete an efficient injection pattern, the applicant should be authorized to drill a number of said injection wells at unorthodox locations as shown on Exhibits Nos. 2 and 3.

(6) That the proposed waterflood projects should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(7) That the subject application should be approved and the projects should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, George L. Buckles, is hereby authorized to institute three waterflood projects in the Langlie-Mattix Pool by the injection of water into the Queen Sand of the Langlie-Mattix Pool in Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as follows:

A waterflood project comprising all of Section 3 and the E/2 NE/4 and NE/4 SE/4 of Section 4, with injection to be through the eight wells to be located as follows:

1. 990 feet from the North line and 100 feet from the East line of Section 3.
2. 1750 feet from the North line and 2970 feet from the East line of Section 3.
3. 2970 feet from the North line and 1650 feet from the East line of Section 3.

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4. 1830 feet from the South line and 660 feet from the West line of Section 3.
5. 100 feet from the South line and 5 feet from the West line of Section 3.
6. 100 feet from the South line and 1980 feet from the East line of Section 3.
7. 1315 feet from the South line and 100 feet from the East line of Section 3.
8. 2310 feet from the North line and 990 feet from the East line of Section 4.

A waterflood project comprising the S/2 S/2 of Section 10, the W/2 SW/4 of Section 11, the W/2 NW/4 of Section 14, and the NE/4 and the NE/4 NW/4 of Section 15, with injection to be through the 10 wells to be located as follows:

1. 1220 feet from the South line and 1315 feet from the West line of Section 10.
2. 4290 feet from the North line and 2145 feet from the East line of Section 10.
3. 1315 feet from the South line and 1315 feet from the West line of Section 11.
4. 1315 feet from the North line and 1315 feet from the West line of Section 14.
5. 5 feet from the North line and 80 feet from the East line of Section 15.
6. 5 feet from the North line and 2635 feet from the East line of Section 15.
7. 1315 feet from the North line and 1325 feet from the West line of Section 15.
8. 2540 feet from the North line and 2635 feet from the East line of Section 15.
9. 1325 feet from the North line and 1325 feet from the East line of Section 15.

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10. 2540 feet from the North line and 100 feet from the East line of Section 15.

A waterflood project comprising the NE/4 of Section 22, with injection to be through the three wells to be located as follows:

1. 1315 feet from the North line and 1325 feet from the East line of Section 22.
2. 2635 feet from the North line and 2635 feet from the East line of Section 22.
3. 2635 feet from the North line and 80 feet from the East line of Section 22.

(2) That each of the above waterflood project areas is hereby designated an area wherein transfer of allowables between leases is permitted, provided the area has been unitized or otherwise consolidated, or provided all persons owning working interests and/or royalty interests within said area have so agreed and evidence of such unitization, consolidation, or agreement has been furnished the Santa Fe Office of the Commission, effective day that Commission receives said evidence.

(3) That the subject waterflood projects authorized by Order (1) and modified by Order (2) of this order shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations insofar as said Rules and Regulations are not inconsistent with this order.

(4) That monthly progress reports of the waterflood projects authorized by Order (1) and modified by Order (2) shall be submitted to the Commission in accordance with Rules 702 and 1120 of the Commission Rules and Regulations.

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

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

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