

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. 2755
Order No. R-2443

APPLICATION OF GENERAL AMERICAN OIL
COMPANY OF TEXAS FOR A WATERFLOOD
PROJECT, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 21, 1963, 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 6th day of March, 1963, 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, General American Oil Company of Texas, seeks authority to institute a peripheral three-stage waterflood project in the High Lonesome Pool by the injection of water into the Queen formation underlying Sections 11, 12, 13, and 14, Township 16 South, Range 29 East, NMPM, Eddy County, New Mexico.

(3) That the applicant also seeks authority to change to a pattern waterflood at termination of the second stage of the peripheral flood if satisfactory recovery is not being achieved.

(4) That the proposed waterflood project is feasible and will be in the interest of achieving greater ultimate recovery of oil.

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

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(6) That in order to protect all producing formations in the area, water injection should be accomplished through tubing below a packer set in the lower part of the casing in all injection wells.

IT IS THEREFORE ORDERED:

(1) That the applicant, General American Oil Company of Texas, is hereby authorized to institute a peripheral three-stage waterflood project in the High Lonesome Pool by the injection of water into the Queen formation underlying Sections 11, 12, 13, and 14, Township 16 South, Range 29 East, NMPM, Eddy County, New Mexico, through the following-described wells, and in the following stages:

STAGE I

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

Bosworth Well No. 3, located 990 feet from the South line and 2310 feet from the East line of Section 14;

Brewer Well No. 24, located 1980 feet from the South line and 1980 feet from the West line of Section 13;

Brewer Well No. 27, located 990 feet from the South line and 660 feet from the West line of Section 14.

STAGE II

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

Brewer Well No. 2, located 660 feet from the South line and 660 feet from the West line of Section 12;

Brewer Well No. 14, located 1980 feet from the North line and 1980 feet from the East line of Section 13;

Brewer Well No. 19, located 660 feet from the South line and 1980 feet from the East line of Section 12;

Brewer Well No. 20, located 660 feet from the North line and 1980 feet from the West line of Section 14;

Brewer Well No. 25, located 660 feet from the North line and 990 feet from the East line of Section 13.

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STAGE III

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

Brewer Well No. 3, located 660 feet from the North line and 1980 feet from the East line of Section 14;

Brewer Well No. 8, located 660 feet from the South line and 660 feet from the East line of Section 11;

Brewer Well No. 12, located 1980 feet from the South line and 660 feet from the West line of Section 13;

Brewer Well No. 15, located 660 feet from the South line and 1980 feet from the West line of Section 12;

Brewer Well No. 21, located 660 feet from the North line and 660 feet from the West line of Section 14;

Brewer Well No. 23, located 660 feet from the South line and 1980 feet from the West line of Section 14;

Brewer Well No. 26, located 660 feet from the South line and 990 feet from the East line of Section 12;

Bosworth Well No. 4, located 990 feet from the South line and 990 feet from the East line of Section 14.

(2) That in lieu of Stage III above, the applicant is hereby authorized to convert the waterflood project to a pattern-type flood utilizing the following-described injection wells:

PATTERN

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM

Bosworth Well No. 1, located 1980 feet from the South line and 660 feet from the East line of Section 14;

Brewer Well No. 1, located 660 feet from the North line and 660 feet from the East line of Section 14;

Brewer Well No. 5, located 1980 feet from the North line and 1980 feet from the East line of Section 14;

Brewer Well No. 7, located 1980 feet from the North line and 660 feet from the West line of Section 13;

Brewer Well No. 9, located 660 feet from the North line and 1980 feet from the West line of Section 13;

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Brewer Well No. 13, located 1980 feet from the North line and 660 feet from the West line of Section 14;

Brewer Well No. 18, located 1980 feet from the South line and 1980 feet from the West line of Section 14.

(3) That all water injection shall be accomplished through tubing below a packer set in the lower part of the casing in all injection wells.

(4) That the waterflood project shall be governed by the provisions of Rule 701, including the allowable provisions thereof, and including the provisions with respect to expansion of the project.

(5) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1119 of the Commission Rules and Regulations.

(6) 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

Jack M. Campbell

JACK M. CAMPBELL, Chairman

E. S. Walker

E. S. WALKER, Member

A. L. Porter, Jr.

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



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