

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. 4158
Order No. R-3786

APPLICATION OF TEXACO INC.
FOR A WATERFLOOD PROJECT,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 25, 1969, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 7th day of July, 1969, 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, Texaco Inc., seeks permission to institute a waterflood project in the Eunice-Monument Unit Area, Eunice-Monument (Grayburg-San Andres) Pools, by the injection of water into the Grayburg and San Andres formations through 18 injection wells in Section 24, Township 20 South, Range 36 East, and in Sections 19, 20, 21, 29, and 30, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant further seeks an administrative procedure whereby said project could be expanded to include additional lands and injection wells in the area of the said project as may be necessary in order to complete an efficient injection pattern; that said administrative procedure should provide for administrative approval for conversion to water

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injection in exception to the well response requirements of Rule 701 E-5 of the Commission Rules and Regulations.

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

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

(6) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations; provided, however, that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

IT IS THEREFORE ORDERED:

(1) That the applicant, Texaco Inc., is hereby authorized to institute a waterflood project in the Eunice-Monument Unit Area, Eunice-Monument (Grayburg-San Andres) Pools, by the injection of water into the Grayburg and San Andres formations through the following-described wells in Lea County, New Mexico:

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM

Atlantic Richfield W. W. White Well No. 2, Unit I, Section 24

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM

Texaco Inc. New Mexico "C" State (NCT-2) Well No. 5, Unit A,
Section 19

Texaco Inc. New Mexico "C" State (NCT-2) Well No. 7, Unit G,
Section 19

Texaco Inc. New Mexico "H" State (NCT-3) Well No. 18, Unit C,
Section 19

Texaco Inc. New Mexico "H" State (NCT-3) Well No. 14, Unit E,
Section 19

Texaco Inc. New Mexico "H" State (NCT-4) Well No. 21, Unit K,
Section 19

Texaco Inc. New Mexico "H" State (NCT-4) Well No. 9, Unit M,
Section 19

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TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM - CONTINUED

Gulf Oil Corporation R. A. Butler Well No. 1, Unit O, Section 19

Texaco Inc. New Mexico "H" State (NCT-2) Well No. 3, Unit A, Section 20

Texaco Inc. New Mexico "H" State (NCT-2) Well No. 15, Unit G, Section 20

Texaco Inc. New Mexico "H" State (NCT-2) Well No. 7, Unit C, Section 20

Texaco Inc. New Mexico "H" State (NCT-2) Well No. 22, Unit E, Section 20

Texaco Inc. New Mexico "H" State (NCT-2) Well No. 16, Unit K, Section 20

Texaco Inc. New Mexico "H" State (NCT-2) Well No. 13, Unit M, Section 20

Atlantic Richfield W. C. Roach Well No. 2, Unit C, Section 21

Atlantic Richfield W. C. Roach Well No. 3, Unit E, Section 21

Sun Oil Co. DX Division A. B. Reeves Well No. 3, Unit C, Section 29

Phillips Petroleum Company Mexico State Well No. 1, Unit A, Section 30

(2) That the subject waterflood project is hereby designated the Texaco Eunice-Monument Unit Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations;

PROVIDED HOWEVER, that the Secretary-Director of the Commission may approve expansion of the Texaco Eunice-Monument Unit Waterflood Project to include such additional lands and injection wells in the area of said project as may be necessary to complete an efficient water injection pattern; that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That Order No. R-3398 which previously authorized one water injection well in the subject area is hereby superseded.

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(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



ALEX J. ARMIÑO, Member



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

