



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

P. O. BOX 2088 - SANTA FE

37301

May 21, 1973

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMijo
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

Mr. Booker Kelly
White, Koch, Kelly & McCarthy
Attorneys at Law
Post Office Box 787
Santa Fe, New Mexico

Re: Case No. 4964

Order No. R-4537

Applicant:
TEXACO Inc.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x

Artesia OCC x

Aztec OCC

Other State Engineer Office

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. 4964
Order No. R-4537

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

ORDER OF THE COMMISSION

BY THE COMMISSION.

This cause came on for hearing at 9 a.m. on May 9, 1973, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 17th day of May, 1973, 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 authority to institute a waterflood project in the North Benson Queen Unit Area, North Benson-Queen Pool, by the injection of water into the Queen formation through 21 injection wells in Sections 27, 28, 29, 32, 33, and 34, Township 18 South, Range 30 East, NMPM, Eddy County, New Mexico.
- (3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.
- (4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.
- (5) 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.

IT IS THEREFORE ORDERED:

- (1) That the applicant, Texaco Inc., is hereby authorized to institute a waterflood project in the North Benson Queen

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Unit Area, North Benson-Queen Pool, by the injection of water into the Queen formation through the following-described wells in Township 18 South, Range 30 East, NMPM, Eddy County, New Mexico.

<u>LEASE</u>	<u>WELL NO.</u>	<u>LOCATION</u>
Elliott Federal	3	660' FSL & 660' FEL of Sec. 29
Holt Federal	1	990' FSL & 2310' FWL of Sec. 29
Simms and Reese Federal	2	660' FNL & 1650' FEL of Sec. 33
E. M. Elliott	2	1980' FSL & 1980' FEL of Sec. 29
E. M. Elliott	3	2310' FNL & 1650' FWL of Sec. 29
McClay	5	1650' FNL & 330' FEL of Sec. 33
Jones Federal	1	1980' FEL & 660' FNL of Sec. 34
Simms Federal	2	1650' FNL & 1980' FWL of Sec. 34
Simms Federal	4	660' FNL & 610' FWL of Sec. 34
L. R. Manning "B" Federal (NCT-1)	1	660' FSL & 1980' FWL of Sec. 27
L. R. Manning "B" Federal (NCT-1)	3	330' FSL & 330' FEL of Sec. 28
L. R. Manning "B" Federal (NCT-1)	5	1650' FSL & 1651' FEL of Sec. 28
L. R. Manning Federal (NCT-1)	8	1650' FSL & 660' FWL of Sec. 27
L. R. Manning Federal (NCT-1)	9	1980' FSL & 660' FNL of Sec. 28
L. R. Manning Federal (NCT-1)	10	660' FSL & 2310' FWL of Sec. 28
L. R. Manning Federal (NCT-1)	12	2310' FNL & 660' FEL of Sec. 28
L. R. Manning Federal (NCT-1)	14	1980' FNL & 1980' FWL of Sec. 28
L. R. Manning Federal (NCT-1)	18	2310' FNL & 1750' FWL of Sec. 27
L. R. Manning Federal (NCT-1)	19	990' FNL & 560' FWL of Sec. 27
New Mexico "CY" State (NCT-1)	2	660' FNL & 660' FWL of Sec. 32
New Mexico "CY" State (NCT-1)	3	1980' FNL & 1980' FWL of Sec. 32

(2) That injection into each of the aforesaid wells shall be through 2 3/8-inch plastic-lined tubing and the annulus of each of said wells shall be loaded with an inert liquid and equipped with a pressure gauge at the surface. The appropriate District Office of the Commission shall be notified upon completion of the well for injection purposes prior to the commencement of actual injection.

(3) That the subject waterflood project is hereby designated the Texaco North Benson Queen Unit Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

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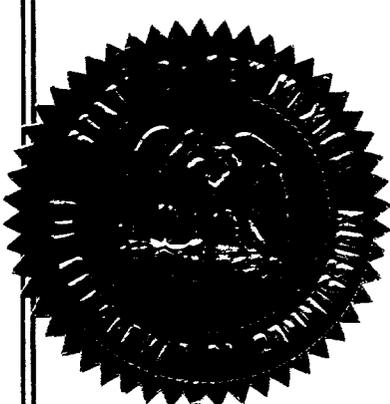
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(4) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(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



I. R. Trujillo

I. R. TRUJILLO, Chairman

Alex J. Armijo

ALEX J. ARMIJO, Member

A. L. Porter, Jr.

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

S E A L