

**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. 3853
Order No. R-3444-A**

**APPLICATION OF TENNECO OIL COMPANY
FOR A WATERFLOOD EXPANSION, LEA COUNTY,
NEW MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 4, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 12th day of September, 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 by Order No. R-3444, dated July 3, 1968, the applicant, Tenneco Oil Company, was authorized to institute a waterflood project in the Mesa Queen Unit Area, Mesa-Queen Pool, by the injection of water into the Queen formation through twelve injection wells in Sections 16, 17, and 20, Township 16 South, Range 32 East, NMPM, Lea County, New Mexico.

(3) That the applicant now seeks amendment of Order No. R-3444 to delete the water injection wells previously authorized in the NE/4 SW/4 of said Section 16 and the NW/4 NW/4 of said Section 20, and to authorize for water injection two wells located in the NW/4 SE/4 of Section 16 and SW/4 NW/4 of Section 20.

-2-

CASE No. 3853

Order No. R-3444-A

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

(5) That approval of the subject application will not violate correlative rights and should increase the efficiency of the Mesa Queen Waterflood Project and result in greater ultimate recovery of oil, thereby preventing waste.

IT IS THEREFORE ORDERED:

(1) That Order (1) of Order No. R-3444 is hereby amended to read in its entirety as follows:

"(1) That the applicant, Tenneco Oil Company, is hereby authorized to institute a waterflood project in its Mesa Queen Unit Area, Mesa-Queen Pool, by the injection of water into the Queen formation through the following-described wells in Township 16 South, Range 32 East, NMPM, Lea County, New Mexico:

<u>WELL</u>	<u>No.</u>	<u>Unit</u>	<u>Section</u>
Tenneco-Mesa Queen Unit	- 2	NW/4 NE/4	16
Tenneco-Mesa Queen Unit	- 1	NE/4 NW/4	16
Tenneco-Mesa Queen Unit	- 6	SW/4 NW/4	16
Tenneco-Mesa Queen Unit	- 16	NW/4 SE/4	16
Tenneco-Mesa Queen Unit	- 9	SE/4 NE/4	16
Tenneco-Mesa Queen Unit	- 5	SE/4 NE/4	17
Tenneco-Mesa Queen Unit	- 4	SW/4 NE/4	17
Tenneco-Mesa Queen Unit	- 18	SE/4 SW/4	17
Tenneco-Mesa Queen Unit	- 11	NE/4 SW/4	17
Tenneco-Mesa Queen Unit	- 10	NW/4 SW/4	17
Tenneco-Mesa Queen Unit	- 20	SE/4 SE/4	17
Tenneco-Mesa Queen Unit	- 24	SW/4 NW/4	20 "

(2) That Order (2) of Order No. R-3444 is hereby amended to read in its entirety as follows:

"(2) That the subject waterflood project is hereby designated the Tenneco Mesa Queen Waterflood Project and shall be governed by

-3-

CASE No. 3853

Order No. R-3444-A

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 Tenneco Mesa Queen 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."

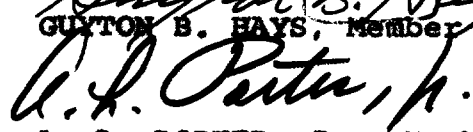
(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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



esr/