

Entered November 17, 1975

JDR

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. 5576
Order No. R-5122

APPLICATION OF GEORGE D. RIGGS
FOR A WATERFLOOD PROJECT, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

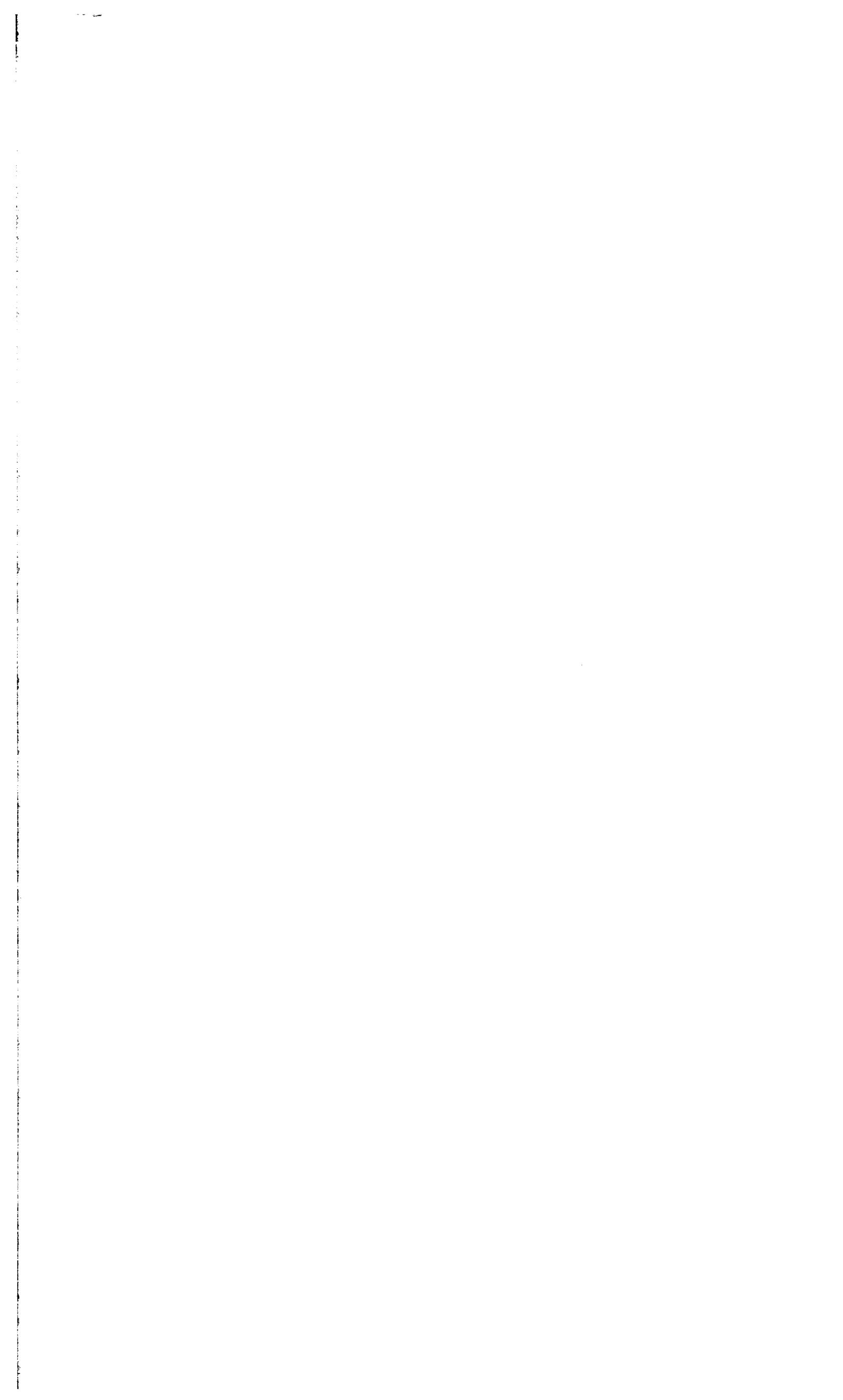
BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 5, 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 17th day of November, 1975, 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 D. Riggs, seeks authority to institute a waterflood project on his Hughes Federal, Malco, and Mayfield Federal Leases in the Saladar-Yates Pool by the injection of water into the Yates formation through his Hughes-Federal No. 4, Malco No. 2 and Mayfield-Federal No. 4 wells located, respectively, in Units F, L, and O of Section 33, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico.
- (3) That the applicant proposes to inject water into said wells by gravity pressure only.
- (4) That the applicant should file an analysis of the supply water and a report of water treatment.
- (5) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.
- (6) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.



(7) That the operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(8) 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, George D. Riggs, is hereby authorized to institute a waterflood project on his Hughes Federal, Malco, and Mayfield Federal Leases in the Saladar-Yates Pool by the injection of water by gravity pressure only into the Yates formation through the following-described wells in Section 33, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico:

Hughes-Federal No. 4, Unit F
Malco No. 2, Unit L
Mayfield-Federal No. 4, Unit O

(2) That injection into each of said wells shall be through internally coated tubing, set in a packer which shall be located within the casing as near as practicable to the casing shoe; that the casing-tubing annulus of each injection well shall be loaded with an inert fluid and equipped with an approved pressure gauge or leak detection device. Internal coating of the tubing shall not be required if the injected fluid is treated on a continuing basis to prevent corrosion.

(3) That the operator shall immediately notify the supervisor of the Commission's Artesia district office of the failure of the tubing or packer in any of said injection wells, the leakage of water or oil from around any producing well, or the leakage of water or oil from any plugged and abandoned well within the project area and shall take such timely steps as may be necessary or required to correct such failure or leakage.

(4) That the operator shall file with the Supervisor of the Artesia District Office of the Commission within 30 days of the date of initial water injection a report showing analysis of the supply water, a report of water treatment processes or chemicals to be used, and a sketch of the treatment facilities.

(5) That the subject waterflood project is hereby designated the Riggs-Saladar 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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(6) 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.

(7) 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.

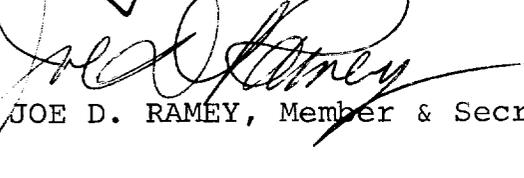
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



PHIL R. LUCERO, Chairman



EMERY C. ARNOLD, Member



JOE D. RAMEY, Member & Secretary

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