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. 1978
Order No. R-1691

APPLICATION OF SHELL OIL COMPANY
FOR TWO SALT WATER DISPOSAL WELLS
IN TOWNSHIP 16 SOUTH, RANGE 35 EAST,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 1, 1960, 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 10th day of June, 1960, 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 seeks an order authorizing the disposal of produced salt water into the Wolfcamp formation through its State ETA Well No. 1, located in the NE/4 NE/4 of Section 8, Township 16 South, Range 35 East, NMPM, Lea County, New Mexico, with the proposed injection interval from 10,365 feet to 10,463 feet.

(3) That the applicant further seeks an order authorizing the disposal of produced salt water into the Wolfcamp formation through its State EDA Well No. 2, located in the SW/4 SW/4 of Section 7, Township 16 South, Range 35 East, NMPM, Lea County, New Mexico, with the proposed injection interval from 10,712 feet to 10,752 feet.

(4) That inasmuch as injection is to be by gravity flow, the applicant proposes to inject the produced salt water through the casing, utilizing a corrosion inhibitor as a safety feature.

(5) That the applicant's proposed salt water disposal

program will not jeopardize the production of oil, gas, or fresh water in the area, provided that the casing in each of the subject disposal wells is tested with 2000 pounds pressure for a minimum of 30 minutes prior to disposing of any produced salt water in either well and annually thereafter on the anniversary date of the injection program, or as an alternative to inject the produced salt water through tubing with a packer set immediately above the injection interval.

IT IS THEREFORE ORDERED:

(1) That the applicant be and the same is hereby authorized to dispose of produced salt water into the Wolfcamp formation through its State ETA Well No. 1, located in the NE/4 NE/4 of Section 8, Township 16 South, Range 35 East, NMPM, Lea County, New Mexico with the injection interval from 10,365 feet to 10,463 feet.

(2) That the applicant be and the same is hereby authorized to dispose of produced salt water into the Wolfcamp formation through its State EDA Well No. 2, located in the SW/4 SW/4 of Section 7, Township 16 South, Range 35 East, NMPM, Lea County, New Mexico with the injection interval from 10,712 feet to 10,752 feet.

PROVIDED HOWEVER, That the applicant shall test the casing in each of the above-described wells with 2000 pounds pressure for a minimum of 30 minutes prior to utilizing said wells for the disposal of produced salt water, and shall pressure-test the casing in each of said wells each year thereafter on the anniversary date of the initiation of the injection program, or as an alternative the applicant shall inject water into the above-described wells through tubing with a packer set immediately above the injection interval.

(3) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1119 of the Commission Rules and Regulations.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
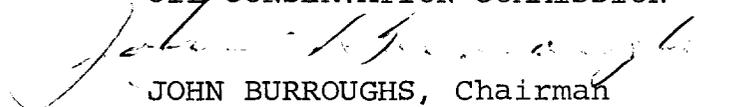
JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

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

S E A L

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