

Entered September 6, 1967

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. 3643
Order No. R-3306

APPLICATION OF HUMBLE OIL & REFINING
COMPANY FOR SALT WATER DISPOSAL, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 23, 1967, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 6th day of September, 1967, 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, Humble Oil & Refining Company, is the owner and operator of the South Four Lakes Well No. 6, located in Unit I of Section 2, Township 12 South, Range 34 East, NMPM, South Four Lakes Field, Lea County, New Mexico.

(3) That the applicant proposes to utilize said well to dispose of produced salt water into the "C" zone of the Pennsylvanian formation, with injection through perforations from approximately 10,258 feet to 10,280 feet.

(4) That should injection into the "C" zone of the Pennsylvanian formation prove inadequate, the applicant proposes to dispose of produced salt water also into the "A" zone of the

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Pennsylvanian formation, said zone being presently squeezed off, through perforations from approximately 9901 feet to 9929 feet.

(5) That the applicant should be authorized to utilize the subject well to dispose of produced salt water into the "C" zone of the Pennsylvanian formation; that the injection should be accomplished through 2-inch internally plastic-coated or cement-lined tubing installed in a packer set just above the aforesaid "A" zone; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should be attached to the annulus or the annulus left open at the surface in order to determine leakage in the tubing or packer.

(6) That should injection into said "C" zone prove inadequate, the applicant should be authorized to also dispose of produced salt water into the aforementioned "A" zone utilizing the same facilities authorized for "C" zone disposal.

(7) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Humble Oil & Refining Company, is hereby authorized to utilize its South Four Lakes Well No. 6, located in Unit I of Section 2, Township 12 South, Range 34 East, NMPM, South Four Lakes Field, Lea County, New Mexico, to dispose of produced salt water into the "C" zone of the Pennsylvanian formation and, if necessary, into the "A" zone of said formation, injection to be accomplished through 2-inch tubing installed in a packer set just above the "A" zone, with injection into the perforated interval from approximately 10,258 feet to 10,280 feet in the "C" zone and 9901 feet to 9929 feet in the "A" zone;

PROVIDED HOWEVER, that the tubing shall be internally plastic-coated or cement-lined; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus or the annulus left open at the surface in order to determine leakage in the tubing or packer;

PROVIDED FURTHER, that should the applicant find it necessary to dispose of produced salt water into the "A" zone, the applicant shall, prior to such disposal, so notify the Commission.

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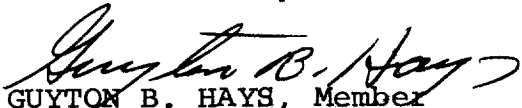
(2) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.


(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

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