

Entered June 18, 1968
A.L.P.

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. 3777
Order No. R-3430

APPLICATION OF ATLANTIC RICHFIELD COMPANY
FOR SALT WATER DISPOSAL, ROOSEVELT COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 5, 1968, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 18th day of June, 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 the applicant, Atlantic Richfield Company, is the owner and operator of the State "AE" Well No. 2, located in Unit L of Section 36, Township 8 South, Range 36 East, NMPM, Allison-Pennsylvanian Pool, Roosevelt County, New Mexico.
- (3) That the applicant proposes to utilize said well to dispose of produced salt water into the Bough "C" zone of the Pennsylvanian formation, with injection into the perforated interval from approximately 9662 feet to 9672 feet.
- (4) That there has been a natural encroachment of water into this portion of the west flank of the reservoir, accompanied by the watering-out of wells upon depletion; that the disposal of produced salt water into the Bough "C" zone of the subject well will not result in reservoir damage.
- (5) That the injection should be accomplished through 2 3/8-inch internally plastic-coated tubing installed in a

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packer set at approximately 9571 feet; 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 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, Atlantic Richfield Company, is hereby authorized to utilize its State "AE" Well No. 2, located in Unit L of Section 36, Township 8 South, Range 36 East, NMPM, Allison-Pennsylvanian Pool, Roosevelt County, New Mexico, to dispose of produced salt water into the Bough "C" zone of the Pennsylvanian formation, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 9571 feet, with injection into the perforated interval from approximately 9662 feet to 9672 feet;

PROVIDED HOWEVER, that the tubing shall be internally plastic-coated; 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.

(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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