

Entered December 26, 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. 4004
Order No. R-3507-A

APPLICATION OF ATLANTIC-RICHFIELD COMPANY
FOR THE AMENDMENT OF ORDER NO. R-3507, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on December 19, 1968, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 26th day of December, 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-3507, dated October 2, 1968, the applicant, Atlantic-Richfield Company, was granted authority to complete its State BH Well No. 1, located 660 feet from the North line and 660 feet from the West line of Section 13, Township 19 South, Range 34 East, NMPM, Quail-Queen Pool, Lea County, New Mexico, as a dual completion to produce oil from the Lower Queen formation in the interval from approximately 5080 feet to 5136 feet through 2 7/8-inch tubing and to dispose of produced salt water into the Upper Queen formation through the casing-tubing annulus in the perforated interval from approximately 4820 feet to 4830 feet.

(3) That the applicant now seeks the amendment of said Order No. R-3507 to permit the disposal of produced salt water

-2-

CASE No. 4004

Order No. R-3507-A

into the Lower Queen formation in the interval from approximately 5160 feet to 5380 feet through 2 7/8-inch tubing set in a packer at approximately 5145 feet.

(4) That the applicant no longer proposes to produce the subject well.

(5) That the applicant proposes to also dispose into the previously authorized interval from approximately 4820 feet to 4830 feet but only if the interval from 5160 feet to 5380 feet does not prove to be a satisfactory disposal zone.

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

(7) That Order No. R-3507 should be superseded in its entirety.

IT IS THEREFORE ORDERED:

(1) That the applicant, Atlantic-Richfield Company, is hereby authorized to utilize its State BH Well No. 1, located 660 feet from the North line and 660 feet from the West line of Section 13, Township 19 South, Range 34 East, NMPM, Quail-Queen Pool, Lea County, New Mexico, to dispose of produced salt water into the Lower Queen formation into the perforated interval from approximately 5160 feet to 5380 feet through 2 7/8-inch tubing set in a packer at approximately 5145 feet, and if necessary to also dispose into the Upper Queen formation in the perforated interval from approximately 4820 feet to 4830 feet;

PROVIDED HOWEVER, that the casing-tubing annulus shall be filled with an inert fluid; that a pressure gauge shall be attached to the annulus at the surface in order to determine leakage in the casing, tubing, or packer; and that coupon corrosion tests shall be conducted continuously on said well and the results thereof filed quarterly with the Commission until further notice from the Secretary-Director of the Commission;

PROVIDED FURTHER, 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-

CASE No. 4004

Order No. R-3507-A

PROVIDED FURTHER, that prior to utilization of the subject well to dispose of produced salt water into the Upper Queen formation, the applicant shall cause the perforations from 5080 feet to 5136 feet to be squeezed with sufficient cement to ensure that said perforations are properly sealed off and shall dispose through 2 7/8-inch tubing set in a packer as near as is practicable to the uppermost perforation at 4820 feet.

(2) That Order No. R-3507 is hereby superseded.

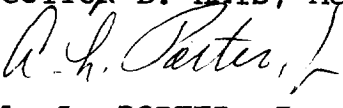
(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

S E A L

esr/