

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR



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ADMINISTRATIVE ORDER NO. SWD-467

APPLICATION OF UNICHEM INTERNATIONAL, INC.

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Unichem International, Inc. made application to the New Mexico Oil Conservation Division on February 24, 1992, for permission to complete for salt water disposal its RA State Well No. 1 located in Unit K of Section 31, Township 18 South, Range 36 East, NMPM, Lea County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations.
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified; and
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met.
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

- (1) The applicant, Unichem International, Inc. is hereby authorized to complete its RA State Well No. 1 located in Unit K Section 31, Township 18 South, Range 36 East, NMPM, in either of the two following manners for purposes of salt water disposal:
 - a) Inject into the Delaware and San Andres formations through the open hole interval from approximately 4600 feet to 6425 feet through 2 7/8 inch plastic lined tubing set in a packer located at approximately 4550 feet; or

b) Inject into the Wolfcamp and Devonian formations through the perforated intervals from approximately 9760 feet to 10,250 feet and 12,370 feet to 12,415 feet through 2 7/8 inch plastic lined tubing set in a packer located either at 9660 feet or 12,270 feet; Provided, however, if injection does occur into the Wolfcamp and/or Devonian formations, the applicant shall set 5 1/2 inch casing from surface to total depth in the subject well.

IT IS FURTHER ORDERED THAT:

The operator shall 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.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than .2 psi per foot to either the top of the open hole interval or top of the perforated interval, whichever is applicable.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the subject formations. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity test, so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Hobbs district office of the Division of the failure of the tubing, casing or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

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PROVIDED FURTHER THAT, jurisdiction of this cause is hereby retained by the Division for such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations in accordance with Rule 706 and 1120 of the Division Rules and Regulations.

Approved at Santa Fe, New Mexico, on this 20th day of March, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

William J. LeMay
WILLIAM J. LEMAY
Director

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cc: Oil Conservation Division - Hobbs

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