



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
**OIL CONSERVATION DIVISION**

TONY ANAYA  
GOVERNOR

ORDER SWD-258

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SANTA FE, NEW MEXICO 87501  
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THE APPLICATION OF SOUTHERN UNION  
EXPLORATION CO.

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), Southern Union Exploration made application to the New Mexico Oil Conservation Division on May 18, 1983, for permission to complete for salt water disposal its SXT Bough "C" Unit No. 1 located in Unit J of Section 35, Township 10 South, Range 33 East, NMPPM, Lea County, New Mexico.

The Division Director finds:

(1) That application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;

(2) That satisfactory information has been provided that all offset operators and surface owners have been duly notified; and

(3) That the applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met.

(4) That no objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Southern Union Exploration Co. is hereby authorized to complete its SXT Bough "C" Unit No. 1, located in Unit J of Section 35, Township 10 South, Range 33 East, NMPPM, Lea County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Bough "C" formation at approximately 9816 feet to approximately 9836 feet through 2 7/8 inch plastic lined tubing set in a packer located at approximately 9700 feet.

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.

That 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.

That 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 1965 psi.

That 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 Bough "C" formation. That such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

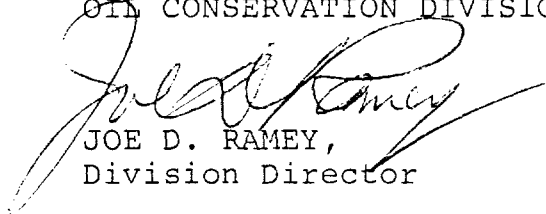
That the operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment so that the same may be inspected.

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

PROVIDED FURTHER, That jurisdiction of this cause is hereby retained by the Division for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after notice and hearing, the Division may terminate the authority hereby granted in the interest of conservation. That applicant 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 1st day of June,  
1983.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



JOE D. RAMEY,  
Division Director

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