



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

ORDER SWD-333

THE APPLICATION OF AMOCO PRODUCTION COMPANY

AMENDED ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), Amoco Production Company made application to the New Mexico Oil Conservation Division on October 29, 1987, for permission to complete for salt water disposal its Gallegos Federal Well No. 1 located in Unit E of Section 25, Township 27 North, Range 13 West, NMPM, San Juan 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, Amoco Production Company is hereby authorized to complete its Gallegos Federal Well No. 1, located in Unit E of Section 25, Township 27 North, Range 13 West, NMPM, San Juan County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Mesaverde formation at approximately 2828 feet to approximately 3908 feet through 2 7/8 inch plastic lined tubing set in a packer located at approximately 2730 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 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 the casing.

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 566 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 Mesaverde formation.

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

That the operator shall immediately notify the supervisor of the Division's Aztec 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 704 and 1120 of the Division Rules and Regulations.

Approved at Santa Fe, New Mexico, on this 24th day of January, 1988.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

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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, Amoco Production Company is hereby authorized to complete its Gallegos Federal Well No. 1, located in Unit E of Section 25, Township 27 North, Range 13 West, NMPM, San Juan County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Mesaverde formation at approximately 2828 feet to approximately 3908 feet through 2 7/8 inch plastic lined tubing set in a packer located at approximately 2730 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 566 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 Mesaverde formation. That such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

That prior to commencing injection operations into the well, the applicant shall re-enter the Hanson "B" Well No. 1 located in Unit M of Section 25, Township 27 North, Range 13 West, NMPM, and re-plug said well in a manner that will confine the injected fluid to the Mesaverde formation or to the satisfaction of the supervisor of the Division's Aztec District Office.

That the operator shall notify the supervisor of the Aztec district office of the Division of the date and time of the installation of disposal equipment, mechanical integrity test, and the workover operations on the Hanson "B" Well No. 1 so that the same may be inspected.

That the operator shall immediately notify the supervisor of the Division's Aztec 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 704 and 1120 of the Division Rules and Regulations.

Approved at Santa Fe, New Mexico, on this 2nd day of December, 1987.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

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