



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

ADMINISTRATIVE ORDER SWD-862

APPLICATION OF XERIC OIL & GAS CORPORATION FOR SALT WATER DISPOSAL, LEA COUNTY, NEW MEXICO

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), Xeric Oil & Gas Corporation made application to the New Mexico Oil Conservation Division on November 4, 2002, for permission to re-complete for produced water disposal its Jones Robinson Well No. 1 (API 30-025-35246) located 660 feet from the South line and 1980 feet from the East line (Unit O) of Section 19, Township 20 South, Range 39 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;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

Xeric Oil & Gas Corporation is hereby authorized to re-complete for produced water disposal its Jones Robinson Well No. 1 (API 30-025-35246) located 660 feet from the South line and 1980 feet from the East line (Unit O) of Section 19, Township 20 South, Range 39 East, NMPM, Lea County, New Mexico, in such a manner as to permit the injection of produced water for disposal purposes into the San Andres formation from a depth of approximately 4,512 feet to 5,492 feet through 2 7/8 inch plastic-lined tubing set in a packer located at approximately 4,470 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.

As preparation and prior to any injection, the following remedial work shall be done and witnessed by the Hobbs District Office of the Division at their discretion. The operator shall notify the supervisor of the Hobbs District Office of the Division of the date and time of each step of this remedial work.

- 1) **Cement tops shall be raised by squeeze cementing operations from the existing cement tops to at least 4,000 feet on the following three (3) Mewbourne Oil & Gas operated wells – currently with low cement tops and located in the Area of Review:**
 - a. **Carter #1, Unit C, Section 30, API: 30-025-07992**
 - b. **Carter #2, Unit F, Section 30, API: 30-025-23958**
 - c. **Ralph Estate #1, Unit A, Section 30, API: 30-025-07993****Post squeeze cement tops shall be verified with well bore logging such as Temperature Surveys or Cement Bond Logs. These logs shall be sent to the Hobbs District Office of the Division for approval.**
- 2) **The Jones Robinson Well No. 1 well bore shall be plugged back to the San Andres with squeeze cementing and/or CIBP(s) using a procedure approved by the Hobbs District Office of the Division.**

The casing-tubing annulus 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 902 psi.

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 injection formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

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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.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on this 12th day of December 2002.

Lori Wrotenberg (wvj)
LORI WROTENBERY
Director

LW/wvjj

cc: Oil Conservation Division – Hobbs