



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

AMENDED ADMINISTRATIVE ORDER SWD-663

*APPLICATION OF FALCON CREEK RESOURCES, INC. FOR SALT WATER
DISPOSAL, LEA COUNTY, NEW MEXICO.*

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), Falcon Creek Resources, Inc. made application to the New Mexico Oil Conservation Division on July 10, 1998, for permission to complete for salt water disposal its Anasazi '16' State Well No.1 located 1730 feet from the North line and 1980 feet from the East line (Unit G) of Section 16, Township 20 South, Range 33 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:

The applicant herein, is hereby authorized to complete its Anasazi '16' State Well No.1 located 1730 feet from the North line and 1980 feet from the East line (Unit G) of Section 16, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico, in such manner as to permit the injection of salt water for disposal purposes into the Delaware formation at approximately 5,554 feet to 5,684 feet through 2 7/8-inch plastic-lined tubing set in a packer located at approximately 5,500 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.

Prior to perforating the proposed injection interval in the wellbore, the operator shall perform remedial cement operations to obtain cement behind the 5 ½ inch casing from approximately 5000 feet to 6000 feet with subsequent clean-out operations to a total depth of approximately 5800 feet, effectively plugging off existing perforations. Squeeze and plug operations shall be pressure tested to 750 psi to ensure integrity of cement operations.

~~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 **1111 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 Delaware formation. 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.

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.

Amended Administrative Order SWD-663

Falcon Creek Resources, Inc.

September 9, 1998

Page 3

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 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 2nd day of September, 1998.


LORI WROTENBERY, Director

S E A L

LW/BES/kv

cc: Oil Conservation Division - Hobbs
NM State Land Office - Oil & Gas Division