



New Mexico Energy, Minerals and Natural Resources Department

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Oil Conservation Division



Administrative Order SWD-746-A

April 23, 2009

Michael T. Hanson
Coleman Oil & Gas, INC.
P.O. Drawer 3337
Farmington, NM 87499

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Division Rule 26.8B., Coleman Oil & Gas, INC. (OGRID 4838) seeks an administrative order to utilize its Cowsaround SWD Well No. 1 (**API No. 30-045-30096**) located 2220 feet from the South line and 1680 feet from the West line (Unit K) of Section 16, Township 26 North, Range 12 West, NMPM, San Juan County, New Mexico, for produced water disposal purposes.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Division Rule 26.8B. Coleman Oil and Gas, INC. wishes to amend its disposal permit to allow for produced water from Enterprise Chaco Plant operations to be pumped into the Cowsaround SWD Well No. 1 at a rate of 80 to 160 barrels per day. Applicant provided information to demonstrate that this produced water will meet classifications of an EPA UIC Class II disposal.

The applicant has presented satisfactory evidence that all requirements prescribed in Rule 26.8 will be met and the operator is in compliance with Division Rule 5.9.

IT IS THEREFORE ORDERED THAT:

The applicant, Coleman Oil and Gas, INC., is hereby authorized to utilize its Cowsaround SWD Well No. 1 (**API No. 30-045-30096**) located 2220 feet from the South line and 1680 feet from the West line, Unit K of Section 16, Township 26 North, Range 12 West, NMPM, San Juan County, New Mexico, for disposal of produced water from oil field operations including the produced water from Enterprise Chaco Plant into the Mesaverde formation from 2000 feet to 3882 feet through **2-7/8 inch** or smaller diameter, plastic-lined tubing set within 100 feet of the top of the disposal interval.



IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the proposed disposal interval and is not permitted to escape to other formations or onto the surface.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The wellhead injection pressure on the well shall be limited to **no more than 400 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by an acceptable Step-Rate-Test.

The operator shall notify the supervisor of the Division's District III office in Aztec of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's District III office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 26.13 and 7.24.

Without limitation on the duties of the operator as provided in Division Rules 30 and 29, or otherwise, the operator shall immediately notify the Division's District office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

In accordance with Division Rule No 26.12.C., the disposal 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, mailed by the operator prior to the termination date, may grant an extension thereof for good cause. The injection authority shall terminate *ipso facto* one year after injection operations into the well have ceased.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

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 or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.


MARK E. FESMIRE, P.E.
Director

MEF/tw

cc: Oil Conservation Division – Aztec