

State of New Mexico
Energy, Minerals and Natural Resources Department

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Oil Conservation Division



Administrative Order WFX-983
July 27, 2018

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Division Order No. R-13864, Rover Operating, LLC (OGRID No. 371484) has made application to the Division for permission to add one additional injection well to its High Lonesome Queen Unit Waterflood Project located within the High Lonesome; Queen Pool (Pool Code 30780) in Eddy County, New Mexico. This well is being proposed as an injection well into the Unitized interval, the Penrose member, within the Unitized formation of the High Lonesome Queen Unit.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Division Rule 19.15.26.8(B) NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections remain outstanding. The proposed well is eligible for conversion to injection under the terms of that rule. The applicant has presented satisfactory evidence that all requirements prescribed in Rule 19.15.26.8 NMAC have been met and the operator is in compliance with Rule 19.15.5.9 NMAC.

The proposed expansion of the above-referenced waterflood project, will prevent waste, is in the best interests of conservation, will not impair correlative rights, and should be approved.

IT IS THEREFORE ORDERED THAT:

Rover Operating, LLC (OGRID 371484), as operator, is hereby authorized to inject water into the following well into the Penrose member of the Queen formation for the purpose of secondary recovery through plastic-lined tubing set into a packer:

API No.	Well	Unit	Sec	Twp	Rng	Footage N/S	Footage E/W	Approved interval (in ft) and type	Maximum Surface Injection Pressures
30-015-02736	High Lonesome Queen Unit Well No. 3	E	16	16 S	29 E	1890' FNL	660' FWL	1750' to 1831'; open hole	1100 psi

The approved maximum surface tubing injection pressure shall be **1100 psi as provided in Ordering Paragraph (11) of Division Order No. R-13864** dated July 22, 2014. The operator shall set the injection packer no more than 100 feet above the shallowest perforation for the permitted injection interval.

Additionally, and prior to any Step-Rate Test conducted in this well, the operator shall be required to provide to the District II office a cement bond log for the 5½-inch production casing that includes the interval from the production casing shoe to above approximately 50 feet above the tie with the 7-inch intermediate casing.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected fluid enters only the approved injection 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 well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing injection and prior to resuming injection each time any injection packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Rule 19.15.26.11(A) NMAC. The Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on this well shall be limited as listed above. In addition, the injection well or header system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressures to the maximum allowable pressures for this well.

Subject to the limitations within the hearing order permitting this project, 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 injected fluids from the approved injection interval. **Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate Test (SRT) with the conditions described in Ordering Paragraph (11) of Division Order No. R-13864 and this order.**

The operator shall notify the supervisor of the Division's District II office of the date and time of the installation of injection equipment and of any MIT test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of injection to the District II office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the District II office of any failure of the tubing, casing or packer in the approved injection well, or of any leakage or release of water,

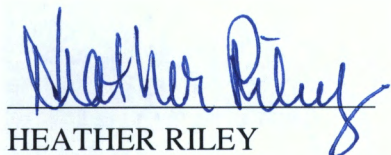
oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

The injection authority granted under this order is not transferable except upon division approval. The division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

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.

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 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. The subject well shall be governed by all provisions of Division Order No. R-13864 and associated administrative orders.

The injection authority granted herein shall terminate two (2) years 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 received prior to the two-year deadline, may grant an extension thereof for good cause shown.



HEATHER RILEY
Director

HR/prg

cc: Oil Conservation Division – Artesia District
New Mexico State Land Office – Oil, Gas and Minerals Division
Case No. 15116
Well File 30-015-02736