

State of New Mexico  
Energy, Minerals and Natural Resources Department

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**Susana Martinez**  
Governor

**Ken McQueen**  
Cabinet Secretary

**Matthias Sayer**  
Deputy Cabinet Secretary

**Heather Riley, Division Director**  
Oil Conservation Division



Administrative Order SWD-1053-B  
July 27, 2018

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Pursuant to the provisions of Division Rule 19.15.26.8(B) NMAC, Juniper Resources Exploration Company, LLC (the "operator") seeks an administrative order for its Tsah Tah SWD Well No. 36 ("subject well") with a location of 1800 feet from the North line and 1360 feet from the West line, Unit F of Section 36, Township 25 North, Range 10 West, NMPM, San Juan County, New Mexico, for the purpose of produced water disposal.

**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 have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in Division Rule 19.15.26.8 NMAC have been met and the operator is in compliance with Division Rule 19.15.5.9 NMAC.

**IT IS THEREFORE ORDERED THAT:**

The applicant, Juniper Resources Exploration Company, LLC (OGRID 371654), is hereby authorized to utilize its Tsah Tah SWD Well No. 36 (API 30-045-33942) with a location of 1800 feet from the North line and 1360 feet from the West line, Unit F of Section 36, Township 25 North, Range 10 West, NMPM, San Juan County, for disposal of oil field produced water (UIC Class II only) through perforations into an interval consisting of the Menefee formation and the Point Lookout formations of the Mesaverde group from 3376 feet to 4381 feet. Injection will occur through internally-coated, 2<sup>-7/8</sup>-inch or smaller tubing with a packer set within 100 feet of the top perforation of the disposal interval.

*Sources of the UIC Class II fluids for disposal in the subject well shall be limited to the production from wells operated by Juniper Resources Exploration Company, LLC. Sources of UIC Class II fluids from other operators not operated by Juniper Resources Exploration Company, LLC shall not be permitted for disposal in the subject well. Further, the sources of injected fluids shall be limited to Fruitland Coal formation only.*

*Applicant shall not inject into the Cliff House formation of the Mesaverde group. **If the operator injects into the Cliff House formation, the application shall be cancelled ipso facto.***

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the approved disposal interval and is not permitted to escape to other formations or onto the surface. This includes the completion and construction of the well as described in the application with the following modifications and, if necessary, as modified by the District Supervisor.

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 disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT procedures and schedules shall follow the requirements in Division 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 the well shall be limited to **no more than 675 psi**. 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 formations. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate Test.

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The operator shall notify the supervisor of the Division's District Office of the date and time of the installation of disposal equipment and of any MIT 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 Office. The operator shall submit monthly reports of the disposal operations that includes number of days of operation, injection volume, and injection pressure on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

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.

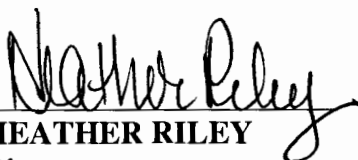
The Division may revoke this injection order after notice and hearing if the operator is in violation of Rule 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate one (1) year after the effective date of this Order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well

abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

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.

  
**HEATHER RILEY**  
**Director**

HR/mam

cc: Oil Conservation Division – Aztec District Office  
New Mexico State Land Office – Oil, Gas, and Minerals  
Well File - 30-045-33942