

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

**David R. Catanach** Division Director  
Oil Conservation Division



Administrative Order SWD 1678  
June 19 2017

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Pursuant to the provisions of Division Rule 19 15 26 8B NMAC Legacy Reserves Operating LP (the operator ) seeks an administrative order for its LR Chamberlin SWD Well No 4 with a location of 2310 feet from the South line and 2310 feet from the West line Unit K of Section 14 Township 15 South Range 37 East NMPM Lea 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 19 15 26 8B NMAC and satisfactory information has been provided that affected parties as defined in said rule 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 Rule 19 15 26 8 NMAC have been met and the operator is in compliance with Rule 19 15 5 9 NMAC

**IT IS THEREFORE ORDERED THAT**

The applicant Legacy Reserves Operating LP (OGRID 240974) is hereby authorized to utilize its LR Chamberlin SWD Well No 4 (API 30 025 05314) with a location of 2310 feet from the South line and 2310 feet from the West line Unit K of Section 14 Township 15 South Range 37 East NMPM Lea County for disposal of oil field produced water (UIC Class II only) through a perforated interval consisting of the Devonian formation from 12600 feet to approximately 13018 feet Injection will occur through internally coated 2 7/8-inch or smaller tubing and a packer set within 100 feet of the top of the open hole interval

**IT IS FURTHER ORDERED THAT**

*The operator shall circulate the cement behind the 5 1/2 inch liner to the surface*

*Applicant shall provide the existing electric log through the Devonian formation to the Hobbs District Office prior to injection*

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 proposed in the application 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 2520 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 formations. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step Rate Test.

The operator shall notify the supervisor of the Division's District I 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 I office. The operator shall submit monthly reports of the disposal operations 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 two (2) years 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



**DAVID R. CATANACH**  
**Director**

DRC/mam

cc Oil Conservation Division – Hobbs District Office  
Well File – 30 025 05314