

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

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Cabinet Secretary

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Deputy Secretary

DYLAN M FUGE
DIRECTOR (ACTING)



Administrative Order PMX-318
February 28, 2023

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Commission Order R-4934 as amended, issued on July 18, 2013, Occidental Permian LTD ("applicant") has made application to the Division for authorization to add a "water-alternating-gas" ("WAG") injection wells within the South Hobbs G/SA Unit Tertiary Recovery Project which produces from the Unitized Interval within the Hobbs; Grayburg-San Andres Pool (Pool Code 31920) in Lea County, New Mexico.

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 remain outstanding. The subject well is currently eligible to inject water and Occidental Permian Ltd. requests administrative approval to inject water, CO2 and produced gas into the above referenced injector in the South Hobbs Unit under Order No. R-4934-F. 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.

This administrative application in the South Hobbs G/SA Unit may be approved administratively by the Director without notice and hearing, under the provision of Commission Order R-4934-F. The applicant has also provided documentation of well type, API Number, casing programs, and TD of the well in accordance to the Commission Order R-4934-F.

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

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IT IS THEREFORE ORDERED THAT:

Occidental Permian LTD (OGRID 157984), as operator, is hereby authorized to inject water, carbon dioxide (CO₂), and produced gas into the Grayburg and San Andres formations within the following described well for purposes of enhanced recovery.

API	Well Name	Unit	Section	Township	Range	Footages N/S (ft)	Footages E/W (ft)	Injection Interval	Type
30-025-28544	South Hobbs G/SA Unit 981	D	09	19S	38E	710 FNL	610 FWL	4000- 5200 ft MD	Perfs

The approved injection interval for the well (Subject well) is into the Grayburg and San Andres formations as approved in Ordering Paragraph (2) of Order No. R-4934-F. The approved maximum surface tubing injection pressure shall be 1100 psig for water injection, 1250 psig for CO₂ only, and 1750 psig for gas injection, as approved in Ordering Paragraph (6) of commission Order No. R-4934-F.

The operator shall inject through internally-coated, 2-118-inch tubing for the wells in the application, with the injection packer set as close as possible to the uppermost injection perforations, provided that the packer remains below the top of the Grayburg formation, as required in Ordering Paragraph (10) of Commission Order R-4934-F.

The operator shall run a CBL (or equivalent) across the 5-112 -inch casing and through the 8-5/8" casing to surface for the well in this application, which shall be supplied to the Oil Conservation Division (OCD), per Commission Order R-4934-F.

Prior to commencing injection, the operator will have an approved hydrogen sulfide (H₂S) contingency plan in place that includes the well in this Administrative Order as required in Ordering Paragraph (22) of Commission Order No. R-4934-F.

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.

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 water, carbon dioxide and produced and prior to resuming injection each time any injection packer is unseated. MIT shall be conducted on the well once every two years. All MIT procedures and schedules shall follow the requirements as set forth in Division Order R-4934-F. 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 as listed above. In addition, the injection well or header systems 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 the 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.

The operator shall notify the OCD of the date and time of the installation of injection 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 injection to OCD. 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.

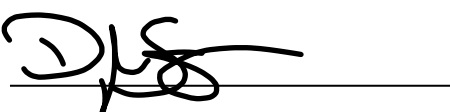
Without limitation on the duties of the operator as provided in Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the OCD of any failure of the tubing, casing or packer in the approved injection well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned wells 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.

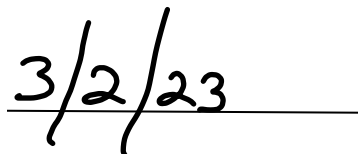
The division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

Compliance with this order doesn't 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 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-4934 and associated administrative order.



DYLAN M FUGE
DIRECTOR (ACTING)



DATE

cc: Bureau of Land Management – Carlsbad Field Office
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DMF/mgm

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Energy, Minerals and Natural Resources
Oil Conservation Division
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CONDITIONS

Action 197061

CONDITIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 197061
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	3/14/2023