

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Dylan M Fuge
Deputy Secretary (Acting)

Dylan M Fuge, Director
Oil Conservation Division



Leslie Reeves
OXY USA Inc
E-mail: Leslie_Reeves@oxy.com

RE: Injection Pressure Increase; Order IPI-541
WEST BRAVO DOME UNIT SWD #271 (30-021-20540)
Pool: SWD; TUBB (Pool Code: 98148)
Harding County, New Mexico

Leslie Reeves:

Reference is made to your request on behalf of OXY USA Inc (OGRID 16696; the “operator”) for the application received on August 10, 2023, to increase the maximum surface injection pressure (“MSIP”) based on Step rate Test result which is 0.89 psi/ft pressure gradient be applied on the subject well.

Well No.	API Number	UL-S-T-R	Injection Authority	Existing MSIP Limit (psi)	Existing Tubing OD (in)
271	30-021-20540	F-27-18N-30E	SWD-2437	320	2.875

It is the Oil Conservation Division’s (“OCD”) understanding that the requested pressure increase is needed to increase the rate of injection and this pressure increase will not result in:

1. the fracturing of the permitted disposal interval;
2. the fracturing of either the upper or lower confining strata; or
3. induced-seismic events as a consequence of the higher injection pressure.

Administrative Order IPI-541
OXY USA Inc.

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Based on the results of the submitted step rate injection test, the following shall be the new pressure limit for subject well listed below while equipped with **injection** tubing:

Well No.	Step Rate Test Base on:	New MSIP Limit (psi)	While injecting	Injection Interval (ft)	Pressure Gradient (psi/ft)
271	30-021-20540	805	Water (8.3 ppg)	1600-1900	0.89

This approval is based on the provision that the tubing size, packer setting depth and completion interval for the well does not change and all provisions in IPI-541 are adhered. Any future requested pressure increase will require resubmission of additional data and/or a new step-rate test. The Director retains the right to require, at any time, wireline verification of completion and packer setting depths in the well. This approval is subject to your being in compliance with all other OCD rules including, but not limited to, Rule 19.15.5.9 NMAC.

The Director may rescind any injection pressure increase permit if it becomes apparent that the injected fluid is not being confined to the permitted disposal interval, impacts correlative rights, is endangering any freshwater aquifer or endangers public health and safety.

Sincerely,

Dylan M Fuge
DIVISION DIRECTOR
DMF/mgm

Date: 10/20/2023

cc: Oil Conservation Division – Santa Fe Office
Order IPI-541
Well file 30-021-20540

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 278423

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 278423
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	10/23/2023