

State of New Mexico  
Energy, Minerals and Natural Resources Department

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**Michelle Lujan Grisham**  
Governor

**Sarah Cottrell Propst**  
Cabinet Secretary

**Todd E. Leahy, JD, PhD**  
Deputy Secretary

**Dylan M Fuge, Director**  
Oil Conservation Division



Jessica La Marro  
Forty acres Energy, LLC  
E-mail: Jessica@faenergyus.com

**RE: Injection Pressure Increase; Order IPI-539**  
West Eumont Units #114, 115, 116 & 117  
Pool: Eumont; Yates-7RVRS-Queen (OIL)  
Lea County, New Mexico

Jessica LaMarro:

Reference is made to your request on behalf of Forty Acres Energy, LLC (OGRID 371416; the "operator") for the application received on June 9, 2023 to increase the maximum surface injection pressure ("MSIP") based on WEU#211 Step rate Test result which is 0.48 psi/ft pressure gradient be applied on the following adjacent wells that inject within the same interval as WEU #211:

Well No.	API Number	UL-S-T-R	Injection Authority	Existing MSIP Limit (psi)	Existing Tubing OD (in)
WEU #114	30-025-50030	M-01-21S-35E	Hearing Order R-14616	760	2.375
WEU #115	30-025-50031	M-01-21S-35E	Hearing Order R-14616	760	2.375
WEU #116	30-025-50032	M-01-21S-35E	Hearing Order R-14616	760	2.375
WEU #117	30-025-50033	M-01-21S-35E	Hearing Order R-14616	760	2.375

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;

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Forty Acres Energy, LLC  
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2. the fracturing of either the upper or lower confining strata; or
3. induced-seismic events as a consequence of the higher injection pressure.

Based on the results of the submitted step rate injection test from WEU #211 (IPI-523-A), the following shall be the new pressure limit for wells 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)
WEU #114	30-025-44207	1824	Water (SG~1.07)	3800-4100	0.48
WEU #115	30-025-44207	1824	Water (SG~1.05)	3800-4100	0.48
WEU #116	30-025-44207	1824	Water (SG~1.05)	3800-4100	0.48
WEU #117	30-025-44207	1824	Water (SG~1.05)	3800-4100	0.48

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-523-A 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:** 7/10/2023

cc: Oil Conservation Division – Santa Fe Office  
Order IPI-539  
Well file 30-025-50030, 30-025-50031, 30-025-50032, 30-025-50033

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Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 242799

CONDITIONS

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 242799
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	7/20/2023