

State of New Mexico  
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham  
Governor

Sarah Cottrell Propst  
Cabinet Secretary

Todd E. Leahy, JD, PhD  
Deputy Secretary

Adrienne Sandoval, Director  
Oil Conservation Division



February 27, 2020

Mr. Neel Duncan, PE  
New IPT Inc.  
Golden, CO 80401  
E-mail: [neel.duncan@iptenergyservices.com](mailto:neel.duncan@iptenergyservices.com)

**RE: Injection Pressure Increase; Order IPI-522**  
Striker 3 SWD Well No. 1  
SWD; Devonian (Pool code 96101)  
UIC Class II Disposal Well

Dear Mr. Duncan:

Reference is made to your request on behalf of NGL Water Solutions Permian, LLC (OGRID 372338; the "operator") for the application received on November 9, 2018, to increase the maximum surface injection pressure (MSIP) on the following well:

Well No.	API Number	UL-S-T-R	Injection Authority	Existing MSIP Limit (psi)	Existing Tubing OD (in)
Striker 3 SWD No. 1	30-015-44407	P-33-23S-28E	Administrative Order SWD-1690	2780	4.5

It is our 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.

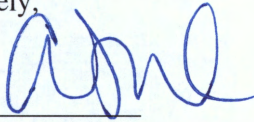
Based on the results of the submitted step rate injection test and nodal analysis, the following shall be the new pressure limit while equipped with **injection** tubing:

Well No.	Step Rate Test Date	New MSIP Limit (psi)	While Injecting	Injection Interval (ft)	Pressure Gradient (psi/ft)
Striker 3 SWD No. 1	10/24/2018	<b>3600</b>	Water	13978 to 15069	0.26

This approval is based on the provision that the tubing size, packer setting depth and completion interval for the well does not change. 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 fresh water aquifer or endangers public health and safety.

Sincerely,



ADRIENNE SANDOVAL  
Director

AS/prg

cc: Oil Conservation Division – Artesia District Office  
Order SWD-1690  
Well file 30-015-44407