

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Gerasimos Razatos, Division Director (Acting)
Oil Conservation Division



Melanie A. Kenderdine
Cabinet Secretary-Designate

Benamine Shelton
Deputy Secretary (Acting)

Sammy Hajar
BTA OIL PRODUCERS, LLC
SHAJAR@BTAOIL.COM

RE: Injection Pressure Increase; Order IPI-548
Turner 8408 JV-P #001 SWD (30-025-29414)
Pool: SWD; San Andres
Lea County, New Mexico

Sammy Hajar:

Reference is made to your request on behalf of BTA OIL PRODUCERS, LLC (OGRID 260297); the “operator”) for the application received on July 9, 2024, to increase the maximum surface injection pressure (“MSIP”) based on Step rate Test result which is 0.32 psi/ft pressure gradient minus 10% safety factor be applied on the subject well.

| Well No. | API Number | UL-S-T-R | Injection Authority | Existing MSIP Limit (psi) | Existing Tubing OD (in) |
|---------------------------------|--------------|--------------|---------------------|---------------------------|-------------------------|
| Turner 8408 JV-P #001 SWD | 30-025-29414 | 1-14-17S-28E | SWD-2507 | 1046 | 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.

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BTA OIL PRODUCERS, LLC.

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

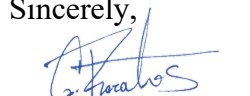
| Well No. | Step Rate Test Base on: | New MSIP Limit (psi) | While injecting | Injection Interval (ft) | Pressure Gradient (psi/ft) |
|---------------------------------|----------------------------|--------------------------------------|-----------------|-------------------------------|----------------------------------|
| Turner 8408 JV-P #001 SWD | 30-025-29414 | (1673.6 psi -10% *) = 1506.24 psi | SG=1.187 | 5230-5538 | 0.32 |

*10% safety factor

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-548 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,



Date: 7/24/2024

Gerasimos Razatos
DIVISION DIRECTOR (Acting)
GR/mgm

cc: Oil Conservation Division – Santa Fe Office
Order IPI-548
Well file 30-025-29414

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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 368040

CONDITIONS

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|---|--|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 368040 |
| | Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|-----------|----------------|
| mgebremichael | None | 7/29/2024 |