

**LONQUIST****FIELD SERVICE**AUSTIN • WICHITA  
HOUSTON • CALGARY

Texas License F-9147

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NGL Water Solutions Permian LLC

Country: USA

Location:

API No:

State ID No:

Drawn: CJG

Rev No: 1

**Striker 2 SWD No. 1**

State/Province: New Mexico

Site:

Field:

Project No: 1469

Reviewed: CW

Notes:

County/Parish: Eddy

Survey/STR: 23-24S-31E

Well Type/Status: SWD

Date: 8/9/17

Approved: CW

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS  
  
Action 73561

DEFINITIONS

Operator:  NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID:  372338
	Action Number:  73561
	Action Type:  [UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

- this application's operator, hereinafter "this operator".

This form must be completed as part of OCD's Seismicity Response Protocol and updated after any qualifying event thereafter.

**Applicability:** This form must be completed for each well classified as an Underground Injection Control (UIC) Class II disposal well or Class II enhanced recovery injection well with active injection authority (wells). "Active injection authority" means a well that is authorized to inject pursuant to an administrative permit or hearing order. This includes wells that have an approved Application for Permit to Drill and have an approved injection permit but have not yet been drilled or commenced injection.

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QUESTIONS

Action 73561

**QUESTIONS**

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**QUESTIONS**

<b>Prerequisites</b>	
Well	[30-015-44416] STRIKER 2 SWD #001

**Seismic Event Information**

The source and reference ID is required, if you would like to submit information of a new seismic event.

Source of information (i.e., USGS, NMTSO, TexNet, other)	USGS
Reference ID from source of information	tx2021oalq
Magnitude	4.0
Latitude	32.07124
Longitude	-103.71918
Date of occurrence	07/19/2021
Depth of occurrence (kilometers)	5.00

**Injection Order**

Please indicate the latest (current) injection order permitting injection for this well.

Admin Order (SWD-#)	SWD-1721-0 [pMAM1723357567]
Hearing Order (R-#)	Not answered.

**Well Information**

The following information is required for each well permitted within a 10-mile proximity of the epicenter.

Distance from epicenter (miles)	10
Top perforated and/or open-hole interval (vertical depth in feet)	16,700
Bottom perforated and/or open-hole interval (vertical depth in feet)	18,088
Formation(s) completed	Devonian, Silurian

**Well Information Prior to Injection Volume Reduction**

Daily rates and pressures are based on the active injection days during the prior 6-month period.

Average daily injection rate (BBLS per day), prior to reduction	19,409
Average injection daily pressure (PSI), prior to reduction	3,010
Well Type (i.e., Commercial, Lease Only, Single Operator)	Commercial

**Well Information After Injection Volume Reduction**

The following information is required for each well permitted within a 10-mile proximity of the epicenter.

Required injection rate reduction percentage (0%, 25%, 50%, Shut-in)	25%
Average daily injection rate (BBLS per day) limit, post reduction	19,396
Average injection daily pressure (PSI) limit, post reduction	2,621
Reduction start date	01/17/2022
Reduction achieved date	01/17/2022

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ACKNOWLEDGMENTS

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**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	This operator acknowledges that it must take the appropriate following action(s) as part of its seismic response protocol:
<input checked="" type="checkbox"/>	This operator shall report the daily injection volumes and pressures for each well on a weekly basis on the form prescribed by the OCD. The report is due on the Wednesday the week following the weekly monitoring interval.
<input checked="" type="checkbox"/>	This operator shall start or continue to digitally measure injection volumes and pressures for each well at a minimum of an hourly basis, and shall archive the data and make it available to OCD upon receipt of a written request.
<input checked="" type="checkbox"/>	This operator shall monitor seismicity events with magnitudes equal to or greater than M2.5 within a radius of 10 miles around each well using USGS / NMTSO data, and shall archive the data and make it available to OCD upon receipt of a written request.
<input checked="" type="checkbox"/>	This operator shall notify OCD and provide updated pertinent well information within 24 hours of an event greater than M 2.5 within a radius of 10 miles around each well using this OCD form.
<input checked="" type="checkbox"/>	After each event greater than M 2.5 within a radius of 10 miles around each well, this operator shall inspect well head and well equipment of each well to ensure proper working order. As part of this inspection, Operator should evaluate whether a Bradenhead test or MIT is warranted to ensure wellbore integrity.
<input checked="" type="checkbox"/>	I certify that, after reasonable inquiry and based on the available information at the time of submittal, this Seismic Information Form is true and correct to the best of my knowledge, and I acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

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CONDITIONS  
  
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CONDITIONS

Created By	Condition	Condition Date
aschaefer	Accepted for record	1/6/2023