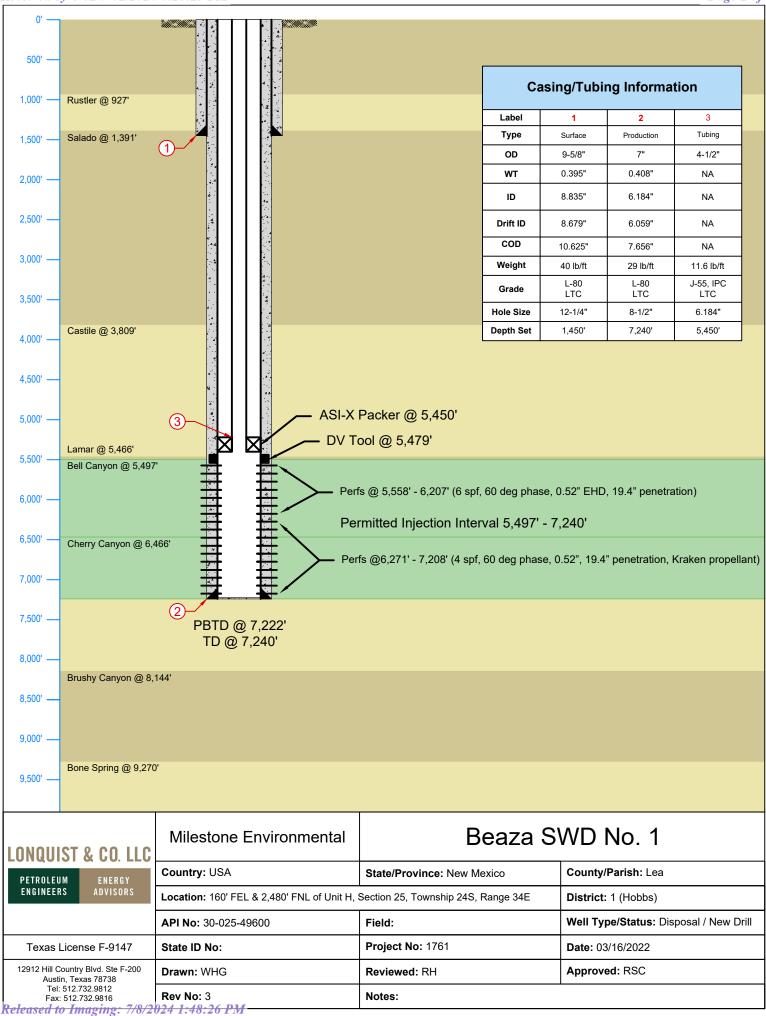
Office	State of New Mexico	Form C-103 of 10
<u>District I</u> – (575) 393-6161 Energ	gy, Minerals and Natural Resources	Revised July 18, 2013 WELL API NO.
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	CONSERVATION DIVISION	30-025-49600
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	1220 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	STATE FEE 5  6. State Oil & Gas Lease No.
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	Sunta 1 0, 1111 0 1 5 0 5	o. State on & Gas Lease No.
87505 SUNDRY NOTICES AND	REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DR. DIFFERENT RESERVOIR. USE "APPLICATION FOR PROPOSALS.)		BEAZA SWD
	Other SWD	8. Well Number 1
2. Name of Operator MILESTONE ENVIR	ONMENTAL SERVICES LLC	9. OGRID Number 328435
3. Address of Operator 15721 PARK ROV	V, SUITE 150	10. Pool name or Wildcat SWD; BELL CANYON-CHERRY CANYON
4. Well Location Unit Letter H 2480	feet from the N line and	160 E line
Section 25	Township 24S Range 34E	NMPM County LEA
	ation (Show whether DR, RKB, RT, GR, etc.	<b>3</b>
	3360.1	
12. Check Appropria	te Box to Indicate Nature of Notice,	Report or Other Data
NOTICE OF INTENTIO		SSEQUENT REPORT OF:
	N TO. ND ABANDON ☐ REMEDIAL WOF	
TEMPORARILY ABANDON CHANGE		ILLING OPNS. P AND A
	E COMPL CASING/CEMEN	IT JOB
DOWNHOLE COMMINGLE  CLOSED-LOOP SYSTEM		
OTHER: Proposed Injection profile Test		
	tions. (Clearly state all pertinent details, an RULE 19.15.7.14 NMAC. For Multiple Co	ad give pertinent dates, including estimated date
proposed completion or recompletion.	TO Muniple Co	impletions. Thursh we hoofe diagram of
Milestone is submitting a propose	ed injection profile test procedure for the	e Reaza SWD No. 1. This test is
	mit conditions as described in Order No	
attached letter from 4/17/2024.		
Saud Data: 12/16/2021	3/19/2022	
Spud Date: 12/16/2021	Rig Release Date:	
I hereby certify that the information above is tru	e and complete to the best of my knowledge	ge and belief.
SIGNATURE Ramona K. Hove	TITLE Consulting Enginee	er <sub>DATE</sub> 7/2/2024
Type or print name Ramona K. Hovey	E-mail address: ramona@lo	
For State Use Only	D man address	i iiiond.
APPROVED BY:	TITLE	DATE
Conditions of Approval (if any):		



LONQUIST	& CO. LLC	Injed	ction Profile	Procedure	Project	No.:	F2434	
ENGINEERS	ADVISORS	Milestone Environmental Services LLC		Date: J	une :	21, 202	4	
		Willeston	e Liiviioiiiiei	ital Services LLO	Page:	1	of	4
Well: Beaza SV	VD No. 1	State: NM	County: Lea	<b>API</b> : 30-025-49600	District:	1 (H	obbs)	

# INTRODUCTION:

Milestone Environmental Services LLC ("Milestone") has requested Lonquist & Co, LLC ("LCO") prepare procedures for a Injection Profile Test on Beaza SWD No. 1. This test is being performed as required according to permit conditions.

The general scope of the work is as follows:

- Spot and fill tanks with clean brine water from a client facility or third-party source
- MIRU pumps and iron
- MIRU WL unit and perform gauge ring run
- TIH with spinner tool to the top-perf depth
- Pump at 3 bpm while conducting injectivity log across perforated interval
- Conclude test and RDMO pumps and WL unit

The test procedure includes the following information:

• Wellbore Schematic

### **REGULATORY INFORMATION:**

Well No. 1 is regulated by the New Mexico Oil Conservation Division ("OCD"). All notifications will be reported to the Hobbs office.

OCD Hobbs 1625 N French Drive Hobbs, NM 88240 (505) 629-6116

### **SAFETY INFORMATION:**

LFS believes that all accidents and incidents are preventable. Our corporate goal is to have zero incidents, accidents, or near misses. To further our commitment to safety, LFS has staffed a Safety Director, whose sole purpose is to identify and mediate possible safety concerns and to be a resource for advice on such safety issues. He will be involved in work safety plans, managing JSAs, and offering oversight on our daily safety meeting program. We require that all of our employees and subcontractors accept that philosophy and uphold the standards of LFS. Our field supervisors are well-control certified, with both site specific and industry required safety qualifications related to new well drilling and well workovers. LFS supervisors are responsible to complete pre-job meetings with the contractors and clients, obtain daily work permits, complete JSAs, safety meetings, review Emergency Response Plans, identify any unsafe practices or potential hazards, and implement corrective actions to minimize employee exposure. LFS implements a site specific safety plan that defines the scope of work and identifies the appropriate safety standards and responsibilities for applicable parties for each project performed. LFS will implement a complete HSE plan for all phases of the operation. Our goal is always to ensure compliance with all client needs, as well as all local, State, and Federal safety and environmental regulations.

Well site safety meetings will be conducted at the beginning of each day and at the beginning of critical operations by the LFS supervisor prior to commencing any well work. All contractors involved during the day or critical operations will be

PREPARED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE	Client Signature
ECS	06/14/24	WHG	06/14/24			

#### LONQUIST & CO. LLC **Injection Profile Procedure** Project No.: F2434 PETROLE UM ENERGY **Date:** June 21, 2024 **ENGINEERS** ADVISORS Milestone Environmental Services LLC Page: 2 of **API:** 30-025-49600 Well: Beaza SWD No. 1 State: NM County: Lea **District:** 1 (Hobbs)

required to attend the safety meeting, and all will be required to participate in the JSA process.

The following safety gear and personal protective equipment are required:

- Hard Hat
- Safety Glasses
- Fire Retardant Coveralls
- Safety Shoes w/Ankle Support Leather or Rubber
- Gloves
- Fall protection required 4' or above
- Any additional required safety equipment
- Daily Safety Meeting
- JSA Form Completed Daily

Additional safety and housekeeping items include:

- All personnel will be required to complete the site specific safety orientation required by Milestone
- Zero tolerance for any fluid release
- Spills and releases to be reported to LFS and Milestone
- Any Injuries and Near Misses are to be reported and investigated to/by LFS and Milestone
- Hot work will require a hot work permit issued by Milestone
- Vehicles to have company placards or logos
- Good housekeeping standards

PREPARED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE	Client Signature
ECS	06/14/24	WHG	06/14/24			

LONQUIST & CO. LLC  PETROLEUM ENERGY  Injection Profile		Procedure	Project	No.:	F2434			
ENGINEERS	ADVISORS	Milestone Environmental Services LLC				4		
		Mileston	c Liiviioiiiici	ital ociviocs elo	Page:	3	of	4
Well: Beaza SV	VD No. 1	State: NM	County: Lea	<b>API</b> : 30-025-49600	District:	1 (H	obbs)	

### INJECTION PROFILE TEST DETAILED PROCEDURE:

- 1. Spot (2) 500-bbl frac tank (Enough to complete the planned test with contingency brine)
  - a. Est. fluid needed for test is ~800 bbl
  - b. Milestone to provide clean brine water from a client facility or third-party source
- 2. RU pumps and iron
  - a. MIRU kill trucks or frac pumps and lay iron or hose to side outlet
  - b. 3 bpm @ 1,200 psi expected
- 3. If not already present, install flow meter(s) and surface pressure gauge capable of digitally recording injection rates and pressures
  - a. Recording frequency of one second or less is ideal
  - b. Pressure gauges and flow meters should have continuous readout for observation throughout test
  - c. Ensure pressure gauges are recently calibrated and able to accommodate the full range of expected rates and pressures
- 4. MIRU WL
- 5. Perform gauge ring run
  - a. Make note of top of fill (if any)
- 6. MU flow rate spinner tool with temperature tool
- 7. RIH logging temperature from surface to TD
- 8. PU to 200' above top perforation (5,358')
- 9. Begin pumping at 3 bpm and conduct injectivity profile test
  - a. Maintain continuous flowrate
- 10. Conduct dynamic injectivity analysis
  - a. RIH @ 30'/min down to PBTD and log the same speed back to 200' above the top perf
  - b. RIH @ 60'/min down to PBTD and log the same speed back to 200' above the top perf
  - c. RIH @ 90'/min down to PBTD and log the same speed back to 200' above the top perf
  - d. RIH @ 120'/min down to PBTD and log the same speed back to 200' above the top perf
    - i. If well has fill, log to top off fill and back
- 11. Use information from dynamic passes and conduct stops at flow change depths
- 12. Shut in surface pumps and POOH with wireline
- 13. RDMO WL and surface pumps
- 14. The completed Injection Profile results are to be submitted to the NMOCD via form C-103and should include the following information:
  - a. Administrative application checklist (available on OCD website under Unnumbered Forms on Form webpage).
  - b. Cover letter with contact information, general description of test and pressure increase being proposed.
  - c. Injection Profile well logs and interpretation
  - d. Current well completion diagram.
  - e. Copy of the order authorizing the injection into the well.

I	PREPARED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE	Client Signature
I	ECS	06/14/24	WHG	06/14/24			

ADVISORS

**ENGINEERS** 

4

of

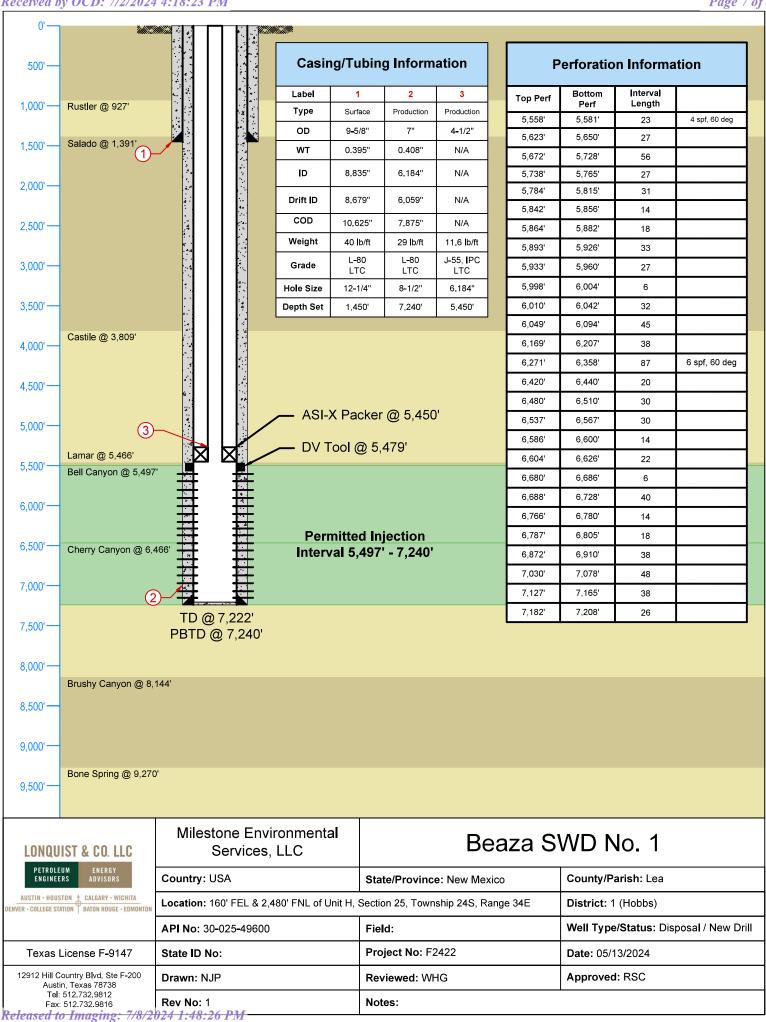
LONQUIST & CO. LLC **Injection Profile Procedure** Project No.: F2434 PETROLEUM ENERGY

**Date:** June 21, 2024 **Milestone Environmental Services LLC** Page:

Well: Beaza SWD No. 1 State: NM County: Lea **API:** 30-025-49600 **District:** 1 (Hobbs)

# **CURRENT WELLBORE SCHEMATIC**

L							
Γ	PREPARED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE	Client Signature
Г	ECS	06/14/24	WHG	06/14/24			



# State of New Mexico Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham Governor

**Dylan M. Fuge** Deputy Secretary **Dylan Fuge,** Division Director (Acting) **Oil Conservation Division** 



### BY ELECTRONIC MAIL

Ramona Hovey Lonquist & CO, LLC 12912 Hill Country Blvd. Austin, TX 78738

# **RE:** Amendment of Division Order Regarding Second Step-Rate Test Requirement

Milestone Environmental Services LLC Beaza SWD No. 1 (No. 30-025-49600) Division Order No. R-21441

Greetings Ms. Hovey,

Division Order No. R-21441 ("Order") authorized the Beaza SWD No. 1 well, operated by Milestone Environmental Services LLC, to inject slurry into the Bell Canyon and Cherry Canyon formations through perforations from 5,497 feet to 7,240 feet.

Pursuant to the Order, Milestone was required to conduct a second step-rate test ("SRT") on the subject well prior to commencement of the second year of injection. After a reviewing the injection history of the well and recognizing the fact that the well has undergone the initial SRT, the Oil Conservation Division ("OCD") is making the following amendment to the Order:

In leu of the requirement stated in Ordering Paragraph (14) of the referenced order, the operator shall complete an Injection Survey Log and Temperature Log to determine whether the fluid injected remains confined within prescribed injection interval. The tests shall be completed prior to the end date of the second year of operation. The operator shall submit a Form C-103 Notice of Intent to the OCD describing the work plan for the testing and the opportunity for the tests to be witnessed by an OCD inspector. The requirement for the second SRT is waived.

In addition to conducting the two logs, the operator shall also be required to construct a monthly updated Hall's Plot. As long as the well is in operation, the operator shall compile this information and submit this information every six (6) months using a Form C-103 Subsequent Report.

Milestone Environmental Services LLC Beaza SWD No. 1 (30-025-49600) Amending Division Order No. R-21441 Page 2 of 2

The OCD finds that the modification of the well testing will not endanger any freshwater aquifer, the environment, and correlative rights. All other provisions of Order No. R-21441 remain in full force and effect.

If you have any questions, please contact Million Gebremichael at: million.gebremichael@emnrd.nm.gov

Sincerely,

Date: 4/17/24

DYLAN M FUGE
DIRECTOR (Acting)

DMF/mgm

Cc: Case File No. 20657

Well File 30-025-49600

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

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** 

CONDITIONS

Action 360659

## **CONDITIONS**

Operator:	OGRID:
Milestone Environmental Services, LLC	328435
840 Gessner Road	Action Number:
Houston, TX 77024	360659
	Action Type:
	[C-103] NOI General Sundry (C-103X)

### CONDITIONS

Created By		Condition Date
mgebremichael	Step 5 of your injection profile testing procedure, i.e., if the gauge ring indicates a fill-up, the test will stop until the spinner and temperature gauges can be lowered to PBTD.	7/8/2024