

State of New Mexico
Energy Minerals and Natural Resources
Department Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
<https://www.emnrd.nm.gov/ocd/ocd-e-permitting/>

Form C-147
Revised October 11, 2022

Recycling Facility Only

Type of action: Permit Registration Modification Closure Other (explain) _____

Be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: LOGOS Operating, LLC (For multiple operators attach page with information) OGRID #: 289408
Address: 2010 Afton Place, Farmington, NM 87401
Facility or well name (include API# if associated with a well): Rosa Unit 700H API 30-039-31441, Rosa Unit 701H API 30-039-31440, Rosa Unit 702H API 30-039-31439, Rosa Unit 704H API 30-039-31442, Rosa Unit 705H API 30-039-31438 & Rosa Unit 706H API 30-039-31437
OCD Permit Number: 3RF-65 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr G Section 7 Township 31N Range 5W County: Rio Arriba
Surface Owner: Federal State Private Tribal Trust or Indian Allotment

2.
 Recycling Facility:
Location of recycling facility (if applicable): Latitude 36.914073°N Longitude 107.399356°W NAD83
Proposed Use: Drilling* Completion* Production* Plugging*
**The re-use of produced water may NOT be used until fresh water zones are cased and cemented*
 Other, *requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on groundwater or surface water.*
 Fluid Storage *Temporary recycling facility intended for use by wells owned by [289408] LOGOS OPERATING, LLC*
 Above ground tanks Activity permitted under 19.15.17 NMAC explain type _____
 Activity permitted under 19.15.36 NMAC explain type: _____ Other explain _____
 Closure Report (required within 60 days of closure completion): **Recycling Facility Closure Completion Date:** _____

3.
Variiances:
Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health, and the environment.
Check the below box only if a variance is requested:
 Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requested, include the variance information on a separate page and attach it to the C-147 as part of the application.
If a Variance is requested, it must be approved prior to implementation.

4.
Operator Application Certification:
I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief.
Name (Print): Etta Trujillo Title: Regulatory Specialist II
Signature: *Etta Trujillo* Date: 07/19/2024
e-mail address: etrujillo@logosresourcesllc.com Telephone: 505-258-2936

5.
OCD Representative Signature: *Victoria Venegas* Approval/Registration Date: 07/22/2024
Title: Environmental Specialist OCD Permit Number: 3RF-65
 OCD Conditions _____
 Additional OCD Conditions on Attachment _____



July 19, 2024

New Mexico Oil Conservation Division (NMOCD)
1220 South St. Francis Drive
Santa Fe, NM 87505

Dear NMOCD Officials,

We are writing to inform you of a modification to our recycling facility that was originally approved under the current operational plan. After thorough evaluation and consideration, we have decided to include additional tanks to the facility. This modification aims to enhance our capability to store and process more produced water.

The primary objective of this modification is to significantly reduce our freshwater usage by increasing our capacity to handle produced water. With the inclusion of these additional tanks, we will be able to recycle and reuse more produced water in our operations, thereby aligning with our commitment to environmental sustainability and resource conservation.

We believe that this adjustment will not only improve the efficiency of our operations but also contribute positively to the conservation efforts in our region. The reduction in freshwater usage is a crucial step towards sustainable resource management, and we are dedicated to implementing practices that support this goal.

We have ensured that all necessary safety and environmental regulations will be adhered to in the implementation of these modifications. The modification to the Recycling Facility Registration has been submitted for your review and approval.

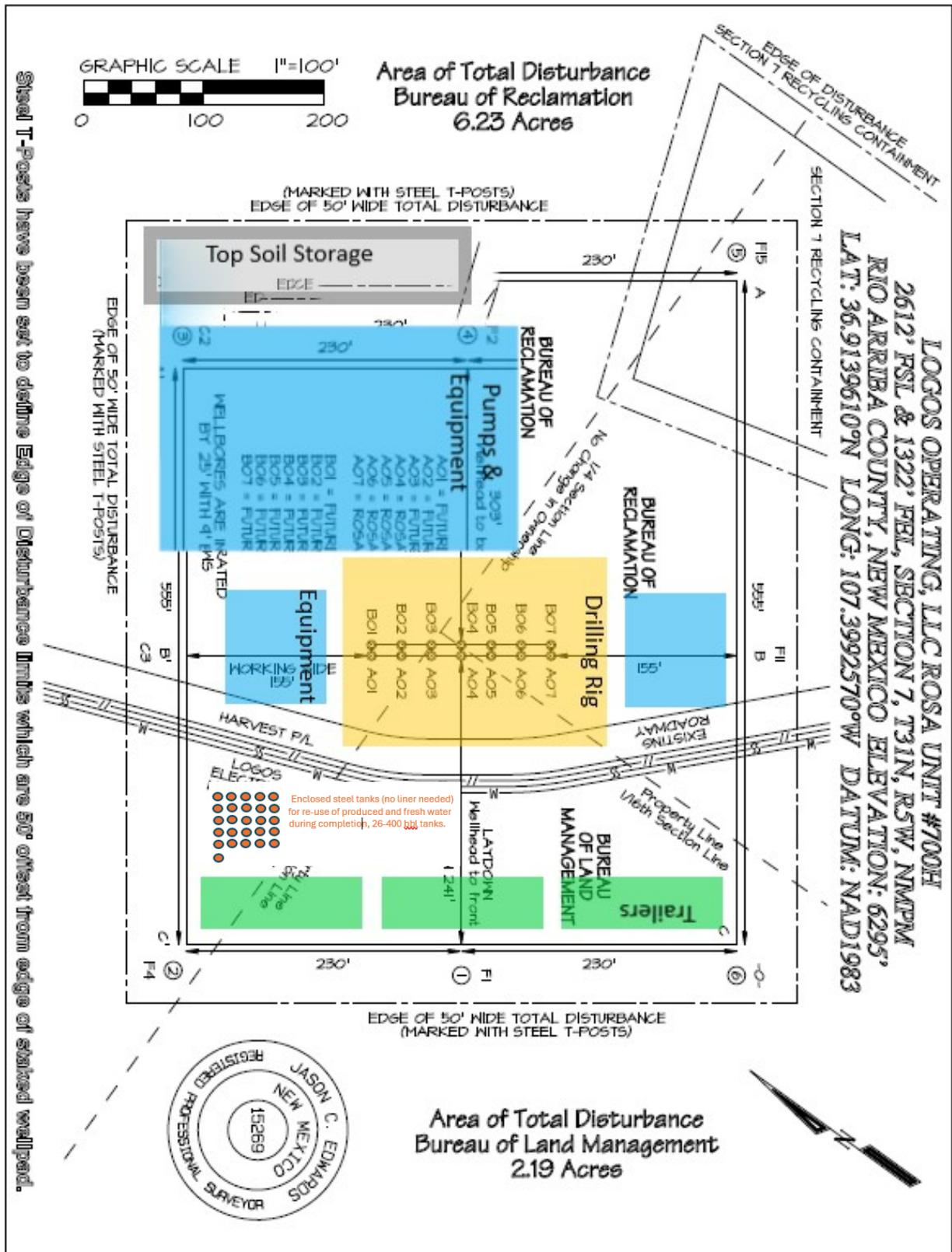
We appreciate your attention to this matter and look forward to your support in facilitating these improvements to our recycling facility. Please do not hesitate to contact us if you require any further information or clarification.

Thank you for your consideration.

Sincerely,


Krista Mc Williams
Co-Chief Operating Officer
LOGOS Operating

Figure 14. Drilling Equipment Pad Layout



Drilling layout will be modified as needed during operations.

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Monday, July 22, 2024 2:37 PM
To: Etta Trujillo
Subject: 3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY [fVV2334535722]
Attachments: C-147 3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY ID [fVV2334535722] 07.22.2024.pdf

3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY [fVV2334535722]

Good morning Ms. Trujillo,
 NMOCD has reviewed and approved the recycling facility modification request submitted by [289408] LOGOS OPERATING, LLC on 07/19/2024, for 3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY [fVV2334535722] in J-07-31N-05W, Rio Arriba County, New Mexico. [289408] LOGOS OPERATING, LLC requested to add 20 enclosed steel tanks (no liner needed) to 3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY [fVV2334535722] which now consists of twenty-six (26) enclosed steel tanks (no liner) of 400 bbl of capacity each. The total capacity of 3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY [fVV2334535722] is 10,400.00 bbl.

- 3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY [fVV2334535722] registration expires on 11/30/2028.
- Water reuse and recycling from 3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY [fVV2334535722] is limited to wells owned and operated by [289408] LOGOS OPERATING, LLC.
- [289408] LOGOS OPERATING, LLC will construct, operate, maintain, and close 3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY [fVV2334535722] in compliance with 19.15.34 NMAC.
- [289408] LOGOS OPERATING, LLC. shall submit monthly reports of recycling and reuse of produced water, drilling fluids, and liquid oil field waste on NMOCD form C-148 through OD Permitting even if there is zero activity.
- [289408] LOGOS OPERATING, LLC must comply with 19.15.29 NMAC Releases in the event of any release of produced water or other oil field wastes at 3RF-65 - ROSA UNIT 700H, ROSA UNIT 701H, ROSA UNIT 702H, RO FACILITY [fVV2334535722].

Please let me know if you have any further questions.
 Regards,

Victoria Venegas • Environmental Specialist
 Environmental Bureau
 EMNRD - Oil Conservation Division
 506 W. Texas Ave. Artesia, NM 88210
 (575) 909-0269 | Victoria.Venegas@emnrd.nm.gov
<https://www.emnrd.nm.gov/ocd/>



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

CONDITIONS

Action 365789

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 365789
	Action Type: [C-147] Water Recycle Short (C-147S)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	None	7/22/2024