

C-147 Extension request (Salado Draw 1RF-13)

Date: 12/30/2024

NMOCD,

Chevron MCBU is requesting a "6-month Extension" from NMOCD for our Salado Draw 1RF-13 (Section 13) Recycling Water Containment Structure (RWCS) from February 1st to July 31st, 2025. July 2024 was the last water usage 20% withdrawn from the RWCS. We will be exceeding the six months of not utilizing >20% of the total fluid capacity as of January 31st, 2025, due to frac schedule changes. Chevron expects to withdraw fluid from 1RF-13 in February 2025. The previous annual extension was approved on 2/21/24, which the new registration/permit expiration date is April 16, 2025.

Thank you for your time and support.

Best regards,

Vera Zhongke Liu

Lead HSE Factory Support Specialist, MCBU

Chevron Americas Exploration and Production

Room N3217, 6301 Deauville Blvd., Midland, TX 79706

Cell: +1 505-934-8195

veraliu@chevron.com

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-147
Revised March 31, 2015

Recycling Facility and/or Recycling Containment

Type of Facility: ☐ Recycling Facility ☒ Recycling Containment*
Type of action: ☐ Permit ☐ Registration
☐ Modification ☒ Extension
☐ Closure ☒ Other (explain) Extension of cessation of

operations request from February 1st to July 31st, 2025.

*** At the time C-147 is submitted to the division for a Recycling Containment, a copy shall be provided to the surface owner.**

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: Chevron U.S.A. Inc. (For multiple operators attach page with information) OGRID #: 4323
Address: 1400 Smith Street, Houston TX 77002
Facility or well name (include API# if associated with a well): Salado Draw T26S R32E Sections 13 Recycling Containment
OCD Permit Number: 1RF-13 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr M Section 13 Township 26 South Range 32 East County: Lea
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.

☐ **Recycling Facility:**

Location of recycling facility (if applicable): Latitude _____ Longitude _____ NAD: ☐ 1927 ☐ 1983

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

☐ Above ground tanks ☐ Recycling containment ☐ Activity permitted under 19.15.17 NMAC explain type _____

☐ Activity permitted under 19.15.36 NMAC explain type: _____ ☐ Other explain _____

☐ For multiple or additional recycling containments, attach design and location information of each containment

☐ **Closure Report (required within 60 days of closure completion):** ☐ Recycling Facility Closure Completion Date: _____

3.

☒ **Recycling Containment:**

☐ Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)

Center of Recycling Containment (if applicable): Latitude 32.038060 Longitude -103.636220 NAD: ☐ 1927 ☒ 1983

☐ For multiple or additional recycling containments, attach design and location information of each containment

☒ Lined ☒ Liner type: Thickness 60 mil ☐ LLDPE ☒ HDPE ☐ PVC ☐ Other _____

☐ String-Reinforced

Liner Seams: ☒ Welded ☐ Factory ☒ Other Field Volume: 644,161 bbl Dimensions: L 925' x W 700' x D 23'

☐ Recycling Containment Closure Completion Date: _____

4.

Bonding:

☐ Covered under bonding pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC (These containments are limited to only the wells owned or operated by the owners of the containment.)

☒ Bonding in accordance with 19.15.34.15(A)(1). Amount of bond \$ 1,168,651.93 (work on these facilities cannot commence until bonding amounts are approved)

☐ Attach closure cost estimate and documentation on how the closure cost was calculated.

5.

Fencing:

☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet

☐ Alternate. Please specify _____

6.

Signs:

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.16.8 NMAC

7.

Variances:

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.

8.

Siting Criteria for Recycling Containment

Instructions: The applicant must provide attachments that demonstrate compliance for each siting criteria below as part of the application. Potential examples of the siting attachment source material are provided below under each criteria.

General siting**Ground water is less than 50 feet below the bottom of the Recycling Containment.**

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☐ No
☐ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

☐ Yes ☐ No
☐ NA

- Written confirmation or verification from the municipality; written approval obtained from the municipality

Within the area overlying a subsurface mine.

- Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division

☐ Yes ☐ No

Within an unstable area.

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map

☐ Yes ☐ No

Within a 100-year floodplain. FEMA map

☐ Yes ☐ No

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

☐ Yes ☐ No

- Topographic map; visual inspection (certification) of the proposed site

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

☐ Yes ☐ No

- Visual inspection (certification) of the proposed site; aerial photo; satellite image

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

☐ Yes ☐ No

- NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site

Within 500 feet of a wetland.

☐ Yes ☐ No

- US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site

9.

Recycling Facility and/or Containment Checklist:**Instructions:** Each of the following items must be attached to the application. Indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements.
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements.
- ☐ Closure Plan - based upon the appropriate requirements.
- ☐ Site Specific Groundwater Data -
- ☐ Siting Criteria Compliance Demonstrations -
- ☐ **Certify that notice of the C-147 (only) has been sent to the surface owner(s)**

10.

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): Zhongke Liu Title: Lead HSE Factory Support SpecialistSignature:  Date: 12/30/2024e-mail address: veralio@chevron.com Telephone: 505-934-8195

11.

OCD Representative Signature: Victoria Venegas Approval Date: 01/02/2025Title: Environmental Specialist OCD Permit Number: 1RF-13

- ☒ OCD Conditions _____
- ☒ Additional OCD Conditions on Attachment _____

Salado Draw (1RF-13) Section 13 East Weekly Inspections					
DATE	BIRD DETERRENT ISSUES	FLUID IN LEAK DETECTION ISSUES	FENCE ISSUES	BERM OR LINER ISSUES	NOTES
9/28/2024	No	No	No	No	
10/5/2024	No	No	No	No	
10/12/2024	No	No	No	No	
10/19/2024	No	No	No	No	
10/26/2024	No	No	No	No	
11/2/2024	No	No	No	No	
11/8/2024	No	No	No	No	
11/15/2024	No	No	No	No	
11/22/2024	No	No	No	No	
11/29/2024	No	No	No	No	
12/7/2024	No	No	No	No	
12/14/2024	No	No	No	No	

Salado Draw (1RF-13) Section 13 West Weekly Inspections					
DATE	BIRD DETERRENT ISSUES	FLUID IN LEAK DETECTION ISSUES	FENCE ISSUES	BERM OR LINER ISSUES	NOTES
9/28/2024	No	No	No	No	
10/5/2024	No	No	No	No	
10/12/2024	No	No	No	No	
10/19/2024	No	No	No	No	
10/26/2024	No	No	No	No	
11/2/2024	No	No	No	No	
11/8/2024	No	No	No	No	
11/15/2024	No	No	No	No	
11/22/2024	No	No	No	No	
11/29/2024	No	No	No	No	
12/7/2024	No	No	No	No	
12/14/2024	No	No	No	No	

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Thursday, January 2, 2025 2:22 PM
To: Liu, Zhongke
Subject: 1RF-13 - Salado Draw 13 Recycled Water Containment Structures - Section 13W Containment, Facility ID [fTO1716430540]
Attachments: C-147 1RF-13 - Salado Draw 13 Recycled Water Containment Structures - Section 13W Containment [fTO1716430540].pdf

1RF-13 - Salado Draw 13 Recycled Water Containment Structures - Section 13W Containment, Facility ID [fTO1716430540]

Good afternoon Ms. Liu.

The Oil Conservation Division has reviewed the cessation of operations extension request for 1RF-13 - Salado Draw 13 Recycled Water Containment Structures - Section 13W Containment, Facility ID [fTO1716430540], received from [4323] CHEVRON USA INC on 12/30/2024, Application ID 415906. The request for an extension of the cessation of operations is approved with the following conditions for approval:

- 1RF-13 - Salado Draw 13 Recycled Water Containment Structures - Section 13W Containment, Facility ID [fTO1716430540] registration/permit expires on April 16, 2025.
- 1RF-13 - Salado Draw 13 Recycled Water Containment Structures - Section 13W Containment, Facility ID [fTO1716430540] extension of the cessation of operations is approved from February 1st – July 31st, 2025. However, if after this 6-month period, the containment was not utilized at a minimum of 20% fluid capacity, no additional extensions would be granted, and the operator would be directed to remove all fluids and proceed with the closure requirements.
- [4323] CHEVRON USA INC will maintain a liquid level in the containment that is at least equal to the weight of the liner plus 20%. [4323] CHEVRON USA INC may maintain a higher liquid level if they choose.
- [4323] CHEVRON USA INC will provide written notice to the OCD, at least 72 hours, but no more than one week, prior to the recommencement of operations. Recommencement of recycling operations means that the operator plans to resume moving fluids through the containment and discharging fluids from the containment.
 - At the resumption of recycling operations, [4323] CHEVRON USA INC is required to perform an incremental fluid level test for containment liquid levels above the minimum liquid level.
 - [4323] CHEVRON USA INC will fill the containment. [4323] CHEVRON USA INC will pause filling operations at every 10% of total fluid capacity above the minimum level.
 - [4323] CHEVRON USA INC will maintain the liquid level for each 10% volume increase for 24 hours and inspect and operate the leak detection system at the end of the 24-hour period.
 - If there are no liquids present in the leak detection system, [4323] CHEVRON USA INC may proceed to fill the next 10% volume and repeat the process until the containment full design capacity minus the 3-feet of freeboard is reached.
 - If liquids are present, [4323] CHEVRON USA INC should immediately cease the incremental fill test and perform a liner inspection. [4323] CHEVRON USA INC should provide written notice of the fluid detection and liner inspection findings to the OCD using a C-147 (long form) with the “Other” box checked and “Notice of fluid detection” written as the explanation of “Other.”
 - [4323] CHEVRON USA INC must submit copies of the detailed containment inspection records for the prior three (3) months and a report detailing the incremental fluid level test process and results to OCD using a C-147 (long form) with the “Other” box checked. “Recommencement of Operations - Incremental Fluid Level Test” should be written as the explanation of “Other.” Form C-147 must be completed and include information in sections 1 General Information, 2 Recycling Facility, 3 Recycling

Containment, 4 Bonding, and 10 Operator Application Certification. Section 9 Recycling Facility and/or Containment Checklist may also need to be partially completed. Operators should verify that the resumption of operations notification does not result in any changes to the recycling containment operating and maintenance plan or the closure plan. If the recommencement of operations will affect the operating and maintenance plan or closure plan, operators should check those boxes in section 9 and provide updated plans or plan addendums as attachments to the C-147.

- [4323] CHEVRON USA INC will continue to operate, maintain, and close the 1RF-13 - Salado Draw 13 Recycled Water Containment Structures - Section 13W Containment, Facility ID [fTO1716430540] in compliance with 19.15.34 NMAC, to include but not limited detailed inspection records, removal of trash/oil from containment, and monthly C-148 reporting (even if there is zero activity).
- Water reuse and recycling from 1RF-13 - Salado Draw 13 Recycled Water Containment Structures - Section 13W Containment, Facility ID [fTO1716430540] is limited to wells owned or operated by [4323] CHEVRON USA INC.
- A minimum of 3-feet freeboard must always be maintained in the recycling containment during operations.
- [4323] CHEVRON USA INC LLC shall inspect the recycling containment and associated leak detection systems weekly while it contains fluids. [4323] CHEVRON USA INC shall maintain a current log of such inspections and make the logs available for review by the division upon request as per 19.15.34.13.A.

Victoria Venegas • Environmental Specialist Advanced
EMNRD - Oil Conservation Division
506 W. Texas Ave. Artesia, NM 88210
575.909.0269 | Victoria.Venegas@emnrd.nm.gov

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 415906

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 415906
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	• 1RF-13 - Salado Draw 13 Recycled Water Containment Structures - Section 13W Containment, Facility ID [FTO1716430540] extension of the cessation of operations is approved from February 1st – July 31st, 2025. However, if after this 6-month period, the containment was not utilized at a minimum of 20% fluid capacity, no additional extensions would be granted, and the operator would be directed to remove all fluids and proceed with the closure requirements.	1/2/2025