

**2RF-107 -
Hayhurst Section 9
Recycling Facility
[fMLB1702342252]
C-147/Annual
Extension**

**[4323] CHEVRON USA INC
October 19, 2022**

C-147 Extension request (Hayhurst NM 2RF-107)

To Whom It May Concern:

Chevron MCBU respectfully submits the enclosed C-147 form, summary of monthly inspections, and leak detection for the Hayhurst New Mexico T26S R27E Sections 2, 9, and 10 Recycling Facility & Containments. For original site plans and submittals, please refer to the facility's original registration application, 2RF-107, received on 1/13/2017. In accordance with NMAC 19.15.34.10 RECYCLING CONTAINMENTS, Chevron MCBU is requesting a one-year extension.

- 19.15.34.10 (C) NMAC states: *"Registered recycling containments may be operated for five years from the date on which the registration is filed with the division. The operator may extend the allowed time on an annual basis thereafter with division approval if, 30 days prior to the registration expiration, the operator files a form C-147 with an attached summary showing all monthly inspections at the containment, including the monitoring of the leak detection system, showing the containment's integrity has not been compromised."*

Should you have any questions or require additional information, please contact me at your convenience.

**Thank you,
Tony Vallejo**

**Sr. Workforce Safety & Environmental Specialist - Factory
Chevron USA Inc. (MCBU)
[6301 Deauville Blvd/N3210](#)**

[Midland, Tx 79706](#)
[C: 325-450-1413](#)
jvallejo@chevron.com



Safety is as simple as ABC - Always Be Careful

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) Annual Extension request from

11/18/2022 to 11/18/2023 for 2RF-107

*** 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): Hayhurst New Mexico T26S R27E Sections 2, 9, and 10 Recycling Facility & Containments
OCD Permit Number: 2RF-107 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr A Section 10 Township 26 South Range 27 East County: Eddy
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☒ **Recycling Facility:** (Location: U/L M, Section 2, T26S, R27E)
Location of recycling facility (if applicable): Latitude 32.066522 Longitude -104.164898 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 (see Part 3 below for Section 10 recycling containment and bottom of page 3 for Section 9 recycling containment location)
☐ **Closure Report (required within 60 days of closure completion):** ☐ Recycling Facility Closure Completion Date: _____

3.
☒ **Recycling Containment:** (Location: U/L A, Section 10, T26S, R27E)
☐ Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)
Center of Recycling Containment (if applicable): Latitude 32.061648 Longitude -104.170242 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: 698,456 bbl Dimensions: L 900' x W 750' x D 26'
☐ 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 \$ _____ (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 Eight foot game fence and two felt fence with keyed in base.

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.

☐ Yes ☒ No

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

Within an unstable area.

☐ Yes ☒ No

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

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): Tony Vallejo Title: Sr. Workforce Safety & Environmental Specialist - FactorySignature: Tony Vallejo Date: 10/18/2022e-mail address: jvallejo@chevron.com Telephone: O: 432-687-7524 or C: 325-450-1413

11.

OCD Representative Signature: Victoria Venegas Approval Date: 10/18/2022Title: Environmental Specialist OCD Permit Number: 2RF-107

- ☒ OCD Conditions
☒ Additional OCD Conditions on Attachment

NOTE: ADDITIONAL RECYCLING CONTAINMENT INFORMATION☒ **Recycling Containment:** (Location: U/L N, Section 9, T26S, R27E)☐ Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)Center of Recycling Containment (if applicable): Latitude 32.061648 Longitude -104.170242 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-ReinforcedLiner Seams: ☒ Welded ☐ Factory ☒ Other Field Volume: 694,460 bbl Dimensions: L 900' x W 750' x D 26'☐ Recycling Containment Closure Completion Date: _____

Hayhurst New Mexico (2RF-107)
Section 9 East Monthly Inspections

DATE	BIRD DETERRENT ISSUES	FLUID IN LEAK DETECTION ISSUES	FENCE ISSUES	BERM OR LINER ISSUES	NOTES
11/6/2021	YES				Bird deterrent system being replaced
11/12/2021	YES				waiting vendor install of bird deterrent
11/21/2021	YES				Bird deterrent system being replaced
11/26/2021					
12/4/2021					
12/11/2021					
12/18/2021					
12/27/2021					
1/1/2022					
1/7/2022					
1/16/2022					
1/21/2022					
1/30/2022					
2/6/2022					
2/12/2022					
2/19/2022					
2/26/2022					
3/5/2022					
3/13/2022					
3/20/2022					
3/26/2022					
4/3/2022					
4/10/2022					
4/16/2022					
4/24/2022					
4/29/2022					
5/6/2022					
5/14/2022					
5/21/2022					
5/27/2022					
6/4/2022					
6/11/2022					
6/19/2022					
6/26/2022					
7/2/2022					
7/9/2022					
7/16/2022					
7/23/2022					
7/30/2022					
8/6/2022					
8/13/2022					
8/20/2022					
8/27/2022					
9/5/2022					
9/10/2022					
9/17/2022					
9/24/2022					
10/1/2022					
10/8/2022					
10/13/2022					

Hayhurst New Mexico (2RF-107)
Section 9 West Monthly Inspections

DATE	BIRD DETERRENT ISSUES	FLUID IN LEAK DETECTION	FENCE ISSUES	BERM OR LINER ISSUES	NOTES
11/6/2021					
11/12/2021					
11/21/2021					
11/26/2021					
12/4/2021					
12/11/2021					
12/18/2021					
12/27/2021					
1/1/2022					
1/7/2022					
1/16/2022					
1/21/2022					
1/30/2022					
2/6/2022					
2/12/2022					
2/19/2022					
2/26/2022					
3/5/2022					
3/13/2022					
3/20/2022					
3/26/2022					
4/3/2022					
4/10/2022					
4/16/2022					
4/24/2022					
4/29/2022					
5/6/2022					
5/14/2022					
5/21/2022					
5/27/2022					
6/4/2022					
6/11/2022					
6/19/2022					
6/26/2022					
7/2/2022					
7/9/2022					
7/16/2022					
7/23/2022					
7/30/2022					
8/6/2022					
8/13/2022					
8/20/2022					
8/27/2022					
9/5/2022					
9/10/2022					
9/17/2022					
9/24/2022					
10/1/2022					
10/8/2022					
10/13/2022					

Hayhurst New Mexico (2RF-107)
Section 10 East Monthly Inspections

DATE	BIRD DETERRENT ISSUES	FLUID IN LEAK DETECTION	FENCE ISSUES	BERM OR LINER ISSUES	NOTES
11/6/2021					
11/12/2021					Solaris to remove sheen
11/21/2021					
11/26/2021					Solaris is dispatching vac trucks to skim pond at this moment
12/4/2021					Solaris is removing sheen
12/11/2021					
12/18/2021					Solaris is removing sheen
12/27/2021					
1/1/2022					
1/7/2022					
1/16/2022					
1/21/2022					
1/30/2022					
2/6/2022					
2/12/2022					
2/19/2022					
2/26/2022					
3/5/2022					
3/13/2022					
3/20/2022					
3/26/2022					
4/3/2022					
4/10/2022					
4/16/2022					
4/24/2022					
4/29/2022					
5/6/2022					
5/14/2022					
5/21/2022					
5/27/2022					
6/4/2022					
6/11/2022					
6/19/2022					
6/26/2022					
7/2/2022					
7/9/2022					
7/16/2022					
7/23/2022					
7/30/2022					
8/6/2022					
8/13/2022					
8/20/2022					
8/27/2022					
9/5/2022					
9/10/2022					
9/17/2022					
9/24/2022					
10/1/2022					
10/8/2022					
10/13/2022					

Hayhurst New Mexico (2RF-107)

Section 10 West Monthly Inspections

DATE	BIRD DETERRENT ISSUES	FLUID IN LEAK DETECTION	FENCE ISSUES	BERM OR LINER ISSUES	NOTES
11/6/2021					
11/12/2021					
11/21/2021					
11/26/2021					
12/4/2021					
12/11/2021					
12/18/2021					
12/27/2021					
1/1/2022					
1/7/2022					
1/16/2022					
1/21/2022					
1/30/2022					
2/6/2022					
2/12/2022					
2/19/2022					
2/26/2022					
3/5/2022					
3/13/2022					
3/20/2022					
3/26/2022					
4/3/2022					
4/10/2022					
4/16/2022					
4/24/2022					
4/29/2022					
5/6/2022					
5/14/2022					
5/21/2022					
5/27/2022					
6/4/2022					
6/11/2022					
6/19/2022					
6/26/2022					
7/2/2022					
7/9/2022					
7/16/2022					
7/23/2022					
7/30/2022					
8/6/2022					
8/13/2022					
8/20/2022					
8/27/2022					
9/5/2022					
9/10/2022					
9/17/2022					
9/24/2022					
10/1/2022	YES				in process of installing new bird deterrent
10/8/2022	YES				in process of installing new bird deterrent
10/13/2022	YES				in process of installing new bird deterrent

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Wednesday, October 19, 2022 2:05 PM
To: Vallejo, Tony; Zemen, Jessica
Subject: 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252]. Annual Extension Approved.
Attachments: C-147 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Annual Extension 10.18.2022.pdf

2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252]. Annual Extension Approved.

NMOCD has reviewed the extension request for 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252] received from [4323] CHEVRON USA INC on October 18, 2022. The registration/permit extension request is approved with the following conditions of approval:

- The 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252] is approved for one (1) year of operation from the date of the previous registration/permit expiration date of November 18, 2022. The new registration/permit expiration date is November 18, 2023.
- [4323] CHEVRON USA INC will continue to operate, maintain, and close the 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252] in compliance with 19.15.34 NMAC, to include but not limited to the performance of weekly inspections regardless of fluid levels in the containment; recording of detailed inspection reports; removal of debris, foreign objects and oil from the containment; and monthly reporting of recycling and reuse of produced water, drilling fluids, and liquid oil field waste via from C-148.
- [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.
- If less than 20% of the total fluid capacity is utilized every consecutive six months, operation of the facility is considered ceased and notification of cessation of operations should be sent electronically to OCD e-Permitting. An extension to extend the cessation of operations, not to exceed six months, may be submitted using a C-147 form through the [OCD Online](#) system.
- The recycling containment is bonded pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC. Water reuse and recycling from 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252] is limited to wells owned or operated by [4323] CHEVRON USA INC.
- A minimum of 3-feet freeboard must be maintained in the recycling containment at all times.
- [4323] CHEVRON USA INC will comply with 19.15.29 NMAC Releases in the event of any release of produced water or produced water or other oil field wastes at 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252]. [4323] CHEVRON USA INC will comply with all other OCD rules.
- [4323] CHEVRON USA INC must perform weekly inspections of the containment and leak detection system.
- If [4323] CHEVRON USA INC wishes to extend the registration/permit past the November 18, 2022, a registration/permit extension request must be submitted to OCD. Extension requests are reviewed on a case-by-case basis and evaluated on their merit. Extensions are considered for a maximum length of one year. Additional requests must be submitted to OCD through [OCD Online](#) on a Form C-147 (long form) as an Extension request and should include a formal extension request letter, a summary of the prior registration/permit period inspection reports, and the copies of the detailed inspection records for the prior permit period. The extension request should be submitted no later than October 18, 2023.

Regards,

Victoria Venegas • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division

(575) 909-0269 | Victoria.Venegas@emnrd.nm.gov

<http://www.emnrd.state.nm.us/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 151750

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 151750
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	NMOCD has reviewed the extension request for 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252] received from [4323] CHEVRON USA INC on October 18, 2022. The registration/permit extension request is approved with the following conditions of approval: • The 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252] is approved for one (1) year of operation from the date of the previous registration/permit expiration date of November 18, 2022. The new registration/permit expiration date is November 18, 2023. • If [4323] CHEVRON USA INC wishes to extend the registration/permit past the November 18, 2022, a registration/permit extension request must be submitted to OCD. The extension request should be submitted no later than October 18, 2023.	10/19/2022