

**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,**

**Amy Barnhill**

A handwritten signature in cursive script that reads "Amy Barnhill". The signature is written in black ink and is positioned above a horizontal line.

**Water Advisor**

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: [X] Recycling Facility [X] Recycling Containment\*
Type of action: [ ] Permit [ ] Registration
[ ] Modification [X] Extension
[ ] Closure [X] Other (explain) Annual Extension request from

11/18/2021 to 11/18/2022 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: [X] Federal [ ] State [ ] Private [ ] Tribal Trust or Indian Allotment

2. [X] Recycling Facility: (Location: U/L M, Section 2, T26S, R27E)
Location of recycling facility (if applicable): Latitude 32.066522 Longitude -104.164898 NAD: [ ] 1927 [X] 1983
Proposed Use: [ ] Drilling\* [X] 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.
[X] Fluid Storage
[X] Above ground tanks [X] Recycling containment [ ] Activity permitted under 19.15.17 NMAC explain type
[ ] Activity permitted under 19.15.36 NMAC explain type: [ ] Other explain
[X] 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. [X] 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 [X] 1983
[X] For multiple or additional recycling containments, attach design and location information of each containment
[X] Lined [X] Liner type: Thickness 60 mil [ ] LLDPE [X] HDPE [ ] PVC [ ] Other
[ ] String-Reinforced
Liner Seams: [X] Welded [ ] Factory [X] 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.*

| <b>General siting</b>   |  |
|---|--|
| <b>Ground water is less than 50 feet below the bottom of the Recycling Containment.</b><br>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> 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.<br>- Written confirmation or verification from the municipality; written approval obtained from the municipality | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> NA |
| Within the area overlying a subsurface mine.<br>- Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| Within an unstable area.<br>- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| Within a 100-year floodplain. FEMA map  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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).<br>- Topographic map; visual inspection (certification) of the proposed site                                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.<br>- Visual inspection (certification) of the proposed site; aerial photo; satellite image   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| 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.<br>- NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| Within 500 feet of a wetland.<br>- US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |

9.

**Recycling Facility and/or Containment Checklist:**

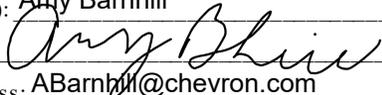
*Instructions: Each of the following items must be attached to the application. Indicate, by a check mark in the box, that the documents are attached.*

- 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): Amy Barnhill Title: Waste and Water Specialist  
 Signature:  Date: 10-11-21  
 e-mail address: ABarnhill@chevron.com Telephone: 432-687-7108

11.

OCD Representative Signature: \_\_\_\_\_ Approval Date: \_\_\_\_\_

Title: \_\_\_\_\_ OCD Permit Number: \_\_\_\_\_

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-Reinforced

Liner 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 | FENCE ISSUES | BERM OR LINER ISSUES | NOTES   |
|------------|-----------------------|-------------------------|--------------|----------------------|---|
| 4/25/2018  |                       |                         |              |                      | Produced water introduced to pond             |
| 5/25/2018  |                       |                         |              |                      |   |
| 6/13/2018  |                       |                         |              |                      |   |
| 8/20/2018  |                       |                         |              | Yes / tears in liner | pond is at 360k bbls, tears above water level |
| 8/28/2019  | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 9/4/2019   | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 9/11/2019  | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 9/18/2019  | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 9/25/2019  | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 10/2/2019  | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 10/9/2019  | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 10/16/2019 | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 10/24/2019 | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 10/30/2019 | YES                   |                         |              |                      | Bird deterrent not functioning properly       |
| 11/6/2019  |                       |                         |              |                      |   |
| 11/13/2019 |                       |                         |              |                      |   |
| 11/21/2019 |                       |                         |              |                      |   |
| 11/27/2019 |                       |                         |              |                      |   |
| 12/11/2019 |                       |                         |              |                      |   |
| 12/18/2019 |                       |                         |              |                      |   |
| 12/25/2019 |                       |                         |              |                      |   |
| 1/2/2020   |                       |                         |              |                      |   |
| 1/15/2020  |                       |                         |              |                      |   |
| 1/30/2020  |                       |                         |              |                      |   |
| 2/6/2020   |                       |                         |              |                      |   |
| 2/13/2020  |                       |                         |              |                      |   |
| 2/29/2020  |                       |                         |              |                      |   |
| 3/17/2020  |                       |                         |              |                      |   |
| 3/28/2020  |                       |                         |              |                      |   |
| 5/10/2020  |                       |                         |              |                      |   |
| 5/18/2020  |                       |                         |              |                      |   |
| 5/24/2020  |                       |                         |              |                      |   |
| 5/31/2020  |                       |                         |              |                      |   |
| 6/7/2020   |                       |                         |              |                      |   |
| 6/14/2020  |                       |                         |              |                      |   |
| 6/21/2020  |                       |                         |              |                      |   |
| 6/28/2020  |                       |                         |              |                      |   |
| 7/5/2020   |                       |                         |              |                      |   |
| 7/12/2020  |                       |                         |              |                      |   |
| 7/19/2020  |                       |                         |              |                      |   |
| 8/2/2020   |                       |                         |              |                      |   |
| 8/16/2020  |                       |                         |              |                      |   |
| 9/6/2020   |                       |                         |              |                      |   |
| 10/11/2020 |                       |                         |              |                      |   |
| 10/25/2020 |                       |                         |              |                      |   |
| 11/22/2020 |                       |                         |              |                      |   |
| 11/29/2020 |                       |                         |              |                      |   |
| 12/6/2020  |                       |                         |              |                      |   |
| 12/12/2020 |                       |                         |              |                      |   |
| 12/20/2020 |                       |                         |              |                      |   |
| 12/27/2020 |                       |                         |              |                      |   |
| 1/2/2021   |                       |                         |              |                      |   |
| 1/10/2021  |                       |                         |              |                      |   |
| 1/17/2021  |                       |                         |              |                      |   |
| 1/23/2021  |                       |                         |              |                      |   |
| 1/31/2021  |                       |                         |              |                      |   |
| 2/7/2021   |                       |                         |              |                      |   |
| 2/14/2021  |                       |                         |              |                      |   |
| 2/21/2021  |                       |                         |              |                      |   |
| 2/28/2021  |                       |                         |              |                      |   |
| 3/7/2021   |                       |                         |              |                      |   |
| 3/12/2021  |                       |                         |              |                      |   |
| 3/20/2021  |                       |                         |              |                      |   |
| 3/27/2021  |                       |                         |              |                      |   |
| 4/2/2021   |                       |                         |              |                      |   |
| 4/10/2021  |                       |                         |              |                      |   |
| 4/17/2021  |                       |                         |              |                      |   |

|           |  |     |  |  |                                      |
|-----------|--|-----|--|--|--------------------------------------|
| 4/24/2021 |  |     |  |  |                                      |
| 5/2/2021  |  | YES |  |  | Started De-watering for pond repairs |
| 5/8/2021  |  | YES |  |  | De-watering for pond repairs         |
| 5/16/2021 |  |     |  |  | Pond down for repairs                |
| 5/22/2021 |  |     |  |  | Pond down for repairs                |
| 5/29/2021 |  |     |  |  | Pond down for repairs                |
| 6/2/2021  |  |     |  |  | Pond down for repairs                |
| 6/13/2021 |  |     |  |  | Started re-filling process           |
| 6/20/2021 |  |     |  |  |                                      |
| 6/26/2021 |  |     |  |  |                                      |
| 7/3/2021  |  |     |  |  |                                      |
| 7/11/2021 |  |     |  |  |                                      |
| 7/17/2021 |  |     |  |  |                                      |
| 7/24/2021 |  |     |  |  |                                      |
| 7/31/2021 |  |     |  |  |                                      |
| 8/8/2021  |  |     |  |  |                                      |
| 8/15/2021 |  |     |  |  |                                      |
| 8/22/2021 |  |     |  |  |                                      |
| 8/28/2021 |  |     |  |  |                                      |
| 9/3/2021  |  |     |  |  |                                      |
| 9/11/2021 |  |     |  |  |                                      |
| 9/18/2021 |  |     |  |  |                                      |
| 9/26/2021 |  |     |  |  |                                      |
| 10/3/2021 |  |     |  |  |                                      |

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                      |
|-----------|-----------------------|-------------------------|--------------|----------------------|----------------------------|
| 4/25/2018 |                       |                         |              |                      |                            |
| 5/25/2018 |                       |                         |              |                      |                            |
| 6/13/2018 |                       |                         |              |                      |                            |
| 8/20/2018 |                       |                         |              |                      |                            |
| 5/8/2021  |                       |                         |              |                      | Produced water put in pond |
| 5/16/2021 |                       |                         |              |                      |                            |
| 5/22/2021 |                       |                         |              |                      |                            |
| 5/29/2021 |                       |                         |              |                      |                            |
| 6/2/2021  |                       |                         |              |                      |                            |
| 6/13/2021 |                       |                         |              |                      |                            |
| 6/20/2021 |                       |                         |              |                      |                            |
| 6/26/2021 |                       |                         |              |                      |                            |
| 7/3/2021  |                       |                         |              |                      |                            |
| 7/11/2021 |                       |                         |              |                      |                            |
| 7/17/2021 |                       |                         |              |                      |                            |
| 7/24/2021 |                       |                         |              |                      |                            |
| 7/31/2021 |                       |                         |              |                      |                            |
| 8/8/2021  |                       |                         |              |                      |                            |
| 8/15/2021 |                       |                         |              |                      |                            |
| 8/22/2021 |                       |                         |              |                      |                            |
| 8/28/2021 |                       |                         |              |                      |                            |
| 9/3/2021  |                       |                         |              |                      |                            |
| 9/11/2021 |                       |                         |              |                      |                            |
| 9/18/2021 |                       |                         |              |                      |                            |
| 9/26/2021 |                       |                         |              |                      |                            |
| 10/3/2021 |                       |                         |              |                      |                            |

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                                   |
|------------|-----------------------|-------------------------|--------------|----------------------|---|
| 4/25/2018  |                       |                         |              |                      | Produced water introduced in pond       |
| 5/25/2018  |                       |                         |              |                      |   |
| 6/13/2018  |                       |                         |              |                      |   |
| 8/28/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 9/4/2019   | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 9/11/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 9/18/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 9/25/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 10/2/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 10/9/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 10/16/2019 | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 10/24/2019 | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 10/30/2019 | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 11/6/2019  |                       |                         |              |                      |   |
| 11/13/2019 |                       |                         |              |                      |   |
| 11/21/2019 |                       |                         |              |                      |   |
| 11/27/2019 |                       |                         |              |                      |   |
| 12/11/2019 |                       |                         |              |                      |   |
| 12/18/2019 |                       |                         |              |                      |   |
| 12/25/2019 |                       |                         |              |                      |   |
| 1/2/2020   |                       |                         |              |                      |   |
| 1/15/2020  |                       |                         |              |                      |   |
| 1/30/2020  |                       |                         |              |                      |   |
| 2/6/2020   |                       |                         |              |                      |   |
| 2/13/2020  |                       |                         |              |                      |   |
| 2/29/2020  |                       |                         |              |                      |   |
| 3/17/2020  |                       |                         |              |                      |   |
| 3/28/2020  |                       |                         |              |                      |   |
| 5/3/2020   |                       |                         |              |                      |   |
| 5/10/2020  |                       |                         |              |                      |   |
| 5/18/2020  |                       |                         |              |                      |   |
| 5/24/2020  |                       |                         |              |                      |   |
| 5/31/2020  |                       |                         |              |                      |   |
| 6/7/2020   |                       |                         |              |                      |   |
| 6/14/2020  |                       |                         |              |                      |   |
| 6/21/2020  |                       |                         |              |                      |   |
| 6/28/2020  |                       |                         |              |                      |   |
| 7/5/2020   |                       |                         |              |                      |   |
| 7/12/2020  |                       |                         |              |                      |   |
| 7/19/2020  |                       |                         |              |                      |   |
| 8/16/2020  |                       |                         |              |                      |   |
| 10/11/2020 |                       |                         |              |                      |   |
| 10/25/2020 |                       |                         |              |                      |   |
| 11/22/2020 |                       |                         |              |                      |   |
| 11/29/2020 |                       |                         |              |                      |   |
| 12/6/2020  |                       |                         |              |                      |   |
| 12/12/2020 |                       |                         |              |                      |   |
| 12/20/2020 |                       |                         |              |                      |   |
| 12/27/2020 |                       |                         |              |                      |   |
| 1/2/2021   |                       |                         |              |                      |   |
| 1/10/2021  |                       |                         |              |                      |   |
| 1/17/2021  |                       |                         |              |                      |   |
| 1/23/2021  |                       |                         |              |                      |   |
| 1/31/2021  |                       |                         |              |                      |   |
| 2/7/2021   |                       |                         |              |                      |   |
| 2/14/2021  |                       |                         |              |                      |   |
| 2/21/2021  |                       |                         |              |                      |   |
| 2/28/2021  |                       |                         |              |                      |   |
| 3/7/2021   |                       |                         |              |                      |   |
| 3/12/2021  |                       |                         |              |                      |   |
| 3/20/2021  |                       |                         |              |                      |   |
| 3/27/2021  |                       |                         |              |                      |   |
| 4/2/2021   |                       |                         |              |                      |   |
| 4/10/2021  |                       |                         |              |                      |   |
| 4/17/2021  |                       |                         |              |                      |   |
| 4/24/2021  |                       |                         |              |                      |   |
| 5/2/2021   |                       |                         |              |                      |   |

|           |  |  |  |  |  |
|-----------|--|--|--|--|--|
| 5/8/2021  |  |  |  |  |  |
| 5/16/2021 |  |  |  |  |  |
| 5/22/2021 |  |  |  |  |  |
| 5/29/2021 |  |  |  |  |  |
| 6/2/2021  |  |  |  |  |  |
| 6/13/2021 |  |  |  |  |  |
| 6/20/2021 |  |  |  |  |  |
| 6/26/2021 |  |  |  |  |  |
| 7/3/2021  |  |  |  |  |  |
| 7/11/2021 |  |  |  |  |  |
| 7/17/2021 |  |  |  |  |  |
| 7/24/2021 |  |  |  |  |  |
| 7/31/2021 |  |  |  |  |  |
| 8/8/2021  |  |  |  |  |  |
| 8/15/2021 |  |  |  |  |  |
| 8/22/2021 |  |  |  |  |  |
| 8/28/2021 |  |  |  |  |  |
| 9/3/2021  |  |  |  |  |  |
| 9/11/2021 |  |  |  |  |  |
| 9/18/2021 |  |  |  |  |  |
| 9/26/2021 |  |  |  |  |  |
| 10/3/2021 |  |  |  |  |  |

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

| DATE       | BIRD DETERRENT ISSUES | FLUID IN LEAK DETECTION | FENCE ISSUES | BERM OR LINER ISSUES | NOTES                                   |
|------------|-----------------------|-------------------------|--------------|----------------------|---|
| 4/25/2018  |                       |                         |              |                      | Produced water introduced in pond       |
| 5/25/2018  |                       |                         |              |                      |   |
| 6/13/2018  |                       |                         |              |                      |   |
| 8/28/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 9/4/2019   | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 9/11/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 9/18/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 9/25/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 10/2/2019  | yes                   |                         |              |                      | Bird deterrent not functioning properly |
| 10/9/2019  |                       |                         |              |                      |   |
| 10/16/2019 |                       |                         |              |                      |   |
| 10/24/2019 |                       |                         |              |                      |   |
| 10/30/2019 |                       |                         |              |                      |   |
| 11/6/2019  |                       |                         |              |                      |   |
| 11/13/2019 |                       |                         |              |                      |   |
| 11/21/2019 |                       |                         |              |                      |   |
| 11/27/2019 |                       |                         |              |                      |   |
| 12/11/2019 |                       |                         |              |                      |   |
| 12/18/2019 |                       |                         |              |                      |   |
| 12/25/2019 |                       |                         |              |                      |   |
| 1/2/2020   |                       |                         |              |                      |   |
| 1/15/2020  |                       |                         |              |                      |   |
| 1/30/2020  |                       |                         |              |                      |   |
| 2/6/2020   |                       |                         |              |                      |   |
| 2/13/2020  |                       |                         |              |                      |   |
| 2/29/2020  |                       |                         |              |                      |   |
| 3/17/2020  |                       |                         |              |                      |   |
| 3/28/2020  |                       |                         |              |                      |   |
| 5/3/2020   |                       |                         |              |                      |   |
| 5/10/2020  |                       |                         |              |                      |   |
| 5/18/2020  |                       |                         |              |                      |   |
| 5/24/2020  |                       |                         |              |                      |   |
| 5/31/2020  |                       |                         |              |                      |   |
| 6/7/2020   |                       |                         |              |                      |   |
| 6/14/2020  |                       |                         |              |                      |   |
| 6/21/2020  |                       |                         |              |                      |   |
| 6/28/2020  |                       |                         |              |                      |   |
| 7/5/2020   |                       |                         |              |                      |   |
| 7/12/2020  |                       |                         |              |                      |   |
| 7/19/2020  |                       |                         |              |                      |   |
| 8/2/2020   |                       |                         |              |                      |   |
| 8/16/2020  |                       |                         |              |                      |   |
| 10/11/2020 |                       |                         |              |                      |   |
| 10/25/2020 |                       |                         |              |                      |   |
| 11/22/2020 |                       |                         |              |                      |   |
| 11/29/2020 |                       |                         |              |                      |   |
| 12/6/2020  |                       |                         |              |                      |   |
| 12/12/2020 |                       |                         |              |                      |   |
| 12/20/2020 |                       |                         |              |                      |   |
| 12/27/2020 |                       |                         |              |                      |   |
| 1/2/2021   |                       |                         |              |                      |   |
| 1/10/2021  |                       |                         |              |                      |   |
| 1/17/2021  |                       |                         |              |                      |   |
| 1/23/2021  |                       |                         |              |                      |   |
| 1/31/2021  |                       |                         |              |                      |   |
| 2/7/2021   |                       |                         |              |                      |   |
| 2/14/2021  |                       |                         |              |                      |   |
| 2/21/2021  |                       |                         |              |                      |   |
| 2/28/2021  |                       |                         |              |                      |   |
| 3/7/2021   |                       |                         |              |                      |   |
| 3/12/2021  |                       |                         |              |                      |   |
| 3/20/2021  |                       |                         |              |                      |   |
| 3/27/2021  |                       |                         |              |                      |   |
| 4/2/2021   |                       |                         |              |                      |   |
| 4/10/2021  |                       |                         |              |                      |   |
| 4/17/2021  |                       |                         |              |                      |   |

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| 4/24/2021 |  |  |  |  |  |
| 5/2/2021  |  |  |  |  |  |
| 5/8/2021  |  |  |  |  |  |
| 5/16/2021 |  |  |  |  |  |
| 5/22/2021 |  |  |  |  |  |
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| 6/20/2021 |  |  |  |  |  |
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| 9/26/2021 |  |  |  |  |  |
| 10/3/2021 |  |  |  |  |  |

**Venegas, Victoria, EMNRD**

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**From:** Venegas, Victoria, EMNRD  
**Sent:** Tuesday, October 26, 2021 4:03 PM  
**To:** Barnhill, Amy D.; Vallejo, Tony; Zemen, Jessica; Visairo, Omar  
**Subject:** 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252]. Annual Extension Approved.  
**Attachments:** C-147 Annual Extension 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID.pdf

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

NMOCD has reviewed the determination of registration/permit extension request for 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [fMLB1702342252] received from [4323] CHEVRON USA INC on October 19, 2021. 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, 2021. The new registration/permit expiration date is November 18, 2022.
- [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.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us). 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, 2022.

Regards,

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

811S. First St. | Artesia, NM 88210  
(575) 909-0269 | [Victoria.Venegas@state.nm.us](mailto:Victoria.Venegas@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>



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: [X] Recycling Facility [X] Recycling Containment\*
Type of action: [ ] Permit [ ] Registration
[ ] Modification [X] Extension
[ ] Closure [X] Other(explain) Annual Extension request from

11/18/2021 to 11/18/2022 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: [X] Federal [ ] State [ ] Private [ ] Tribal Trust or Indian Allotment

2. [X] Recycling Facility: (Location: U/L M, Section 2, T26S, R27E)
Location of recycling facility (if applicable): Latitude 32.066522 Longitude -104.164898 NAD: [ ] 1927 [X] 1983
Proposed Use: [ ] Drilling\* [X] 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.
[X] Fluid Storage
[X] Above ground tanks [X] Recycling containment [ ] Activity permitted under 19.15.17 NMAC explain type
[ ] Activity permitted under 19.15.36 NMAC explain type: [ ] Other explain
[X] 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. [X] 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 [X] 1983
[X] For multiple or additional recycling containments, attach design and location information of each containment
[X] Lined [X] Liner type: Thickness 60 mil [ ] LLDPE [X] HDPE [ ] PVC [ ] Other
[ ] String-Reinforced
Liner Seams: [X] Welded [ ] Factory [X] 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.*

| <b>General siting</b>   |  |
|---|--|
| <b>Ground water is less than 50 feet below the bottom of the Recycling Containment.</b><br>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> 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.<br>- Written confirmation or verification from the municipality; written approval obtained from the municipality | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> NA |
| Within the area overlying a subsurface mine.<br>- Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| Within an unstable area.<br>- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| Within a 100-year floodplain. FEMA map  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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).<br>- Topographic map; visual inspection (certification) of the proposed site                                       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.<br>- Visual inspection (certification) of the proposed site; aerial photo; satellite image   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| 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.<br>- NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |
| Within 500 feet of a wetland.<br>- US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                |

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): Amy Barnhill Title: Waste and Water Specialist  
 Signature: *Amy Barnhill* Date: 10-11-21  
 e-mail address: ABarnhill@chevron.com Telephone: 432-687-7108

11.

OCD Representative Signature: *Victoria Venegas* Approval Date: 10/26/2021

Title: 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-Reinforced
- Liner Seams:  Welded  Factory  Other Field Volume: 694,460 bbl Dimensions: L 900' x W 750' x D 26'
- Recycling Containment Closure Completion Date: \_\_\_\_\_

**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 56777

**CONDITIONS**

|  |  |
|--|--|
| Operator:<br>CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:<br>4323                                       |
|  | Action Number:<br>56777                              |
|  | Action Type:<br>[C-147] Water Recycle Short (C-147S) |

**CONDITIONS**

| Created By | Condition   | Condition Date |
|------------|---|----------------|
| venegas    | NMOCD has reviewed the determination of registration/permit extension request for 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [MLB1702342252] received from [4323] CHEVRON USA INC on October 19, 2021. • The 2RF-107 - Hayhurst Sections 9 and 10 Recycling Facility - Facility ID [MLB1702342252] is approved for one (1) year of operation from the date of the previous registration/permit expiration date of November 18, 2021. The new registration/permit expiration date is November 18, 2022. | 10/26/2021     |