

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 April 3, 2017

Recycling Facility and/or Recycling Containment

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

* 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: ConocoPhillips Company (For multiple operators attach page with information) OGRID #: 217817
Address: PO Box 2197 Houston, TX 77252
Facility or well name (include API# if associated with a well): Zia Hills Recycling Facility and Containment
OCD Permit Number: 1RF-454 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr Section 30 Township 26S Range 32E County: Lea
Surface Owner: [X] Federal [] State [] Private [] Tribal Trust or Indian Allotment

2. [] Recycling Facility:
Location of recycling facility (if applicable): Latitude 32.014527 Longitude -103.714621 NAD83
Proposed Use: [X] Drilling* [X] Completion* [X] Production* [X] 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
[] 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
[] Closure Report (required within 60 days of closure completion): [] Recycling Facility Closure Completion Date:

3. [X] Recycling Containment:
[] Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)
Center of Recycling Two In Ground Containments (if applicable): Latitude 32.015321 Longitude -103.717637:
Three AST Containments: Latitude 32.015321 Longitude -103.717637 NAD83
[X] For multiple or additional recycling containments, attach design and location information of each containment
[X] Lined [] Liner type: Thickness In Ground X2 Primary 60-Mil HDPE; Secondary 60-Mil HDPE [] LLDPE [X] HDPE [] PVC [] Other
AST X2: Primary 40-Mil LLDPE; Secondary 40-Mil LFPPE SEE DESIGN DRAWINGS [] String-Reinforced
Liner Seams: [X] Welded [] Factory [] Other Volume: SEE DESIGN DRAWINGS bbl Dimensions: SEE DESIGN DRAWINGS
[] 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 _____

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.

Variations:

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	<input type="checkbox"/> Yes <input type="checkbox"/> No <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. - Written confirmation or verification from the municipality; written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. FEMA map	<input type="checkbox"/> Yes <input 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). - Topographic map; visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; aerial photo; satellite image	<input type="checkbox"/> Yes <input 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. - NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input 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): _____ Timothy Reed _____ Title: _____ Water Management Supervisor _____
 Signature: _____ *Timothy Reed* _____ Date: _____ 11/22/2021 _____
 e-mail address: _____ timothy.reed@contractor.conocophillips.com _____ Telephone: _____ 432-238-8399 _____

11.

OCD Representative Signature: _____ **Approval Date:** _____

Title: _____ **OCD Permit Number:** _____

- OCD Conditions _____
- Additional OCD Conditions on Attachment

Variance Request for the Zia Hills Recycling Facility and Containment, 1RF-454.

- This variance is requested for an additional extension to the determination of cessation of operations on this facility. Since the time of the original approved cessation of operations extension, no frac operations utilizing this facility have been performed. Frac operations utilizing this facility are scheduled to be initiated February 1, 2022. The initial extension approval, dated June 9, 2021, extended this facility until December 31, 2021. Since then, this facility has been properly maintained and inspected as required in the 1RF-454 - Zia Hills Superman Recycling Facility and Containment Facility Number [fSL2029049637](#) 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). Copies of the inspection report are attached to this filing. ConocoPhillips respectfully requests an additional six month extension for this facility and will continue to adhere to the previously specified conditions of approval for this facility.

1. **Pond Name: Superman East Frac Pond (set up for RPW)**
2. **Date Inspected: 10/27/2021**
3. **GPS Coordinates: 32.015571, -103.718431 Sec. 30, T26S, R-32E**
4. **Maximum Capacity: 1,000,000**
5. **Dimensions:**
 - a) Top:
 - b) Bottom:
 - c) Depth: 19'
6. **Pond Condition:**
 - a) Walls: Good
 - b) Liner: Good
 - c) Ramp: Good condition
 - d) ETC: Brackish water in pond currently, double lined pond and is ready for RPW.
7. **Pond Signs yes/no? Yes**
 - a) Condition: Good
 - b) Visible: Yes
8. **Fence yes/no? Yes – 7' game fence w/barbed wire on top 3 strands**
 - a) Condition: Good
9. **Poly/Equipment on site yes/no? Yes**
 - a) Active/In Use: Yes
 - b) Needs to be removed: No
 - Poly fill lines X 9 Stingers
 - Poly truck load lines X 2
 - Lights on Pond
 - LDS
 - Bird deterrent box

Focus Area	Daily	Weekly/Bi Weekly	Monthly	Other
16" Line (From Production)	Visual Inspection			
Aeration	Verify Compressor & System Operability Visually Inspect Disconnects	Service Provider check every other week	Secure Air Hose (U-Bolts) Secure Compressor Housing	Compressor Oil (As per Manufacturer Requirements) Compressor Motor Maintenance (As per Manufacturer Requirements)
Fencing & Locks	Inspect per visit		Inspect for Holes & Washouts Inspect Lock Operability	
Floataion Safety Equipment	Inspect and replace as per manufactures recommendation		Inventory	
Knife Valves (Suction & Discharge)	Per use inspection, before, during, and after each use		Check & Grease Valves	Check & Replace Seals (Annual)
Leak Detection (see leak detection Data)		Test System every other week		
Lights/Electrical Power Source (Location & Helo)	Visually inspect per visit			Replace lights/fuses as needed
Pit Liner/Truck load Lines/Suction Line/Valves	Visually inspect per visit			Annual line inspection
Strainer Baskets				Check for Sediment & Clean (Prior to & Following Each Job)

Superman Leak Detection

Date of Test	Start Time (AM / PM)	End Time (AM / PM)	Total Duration of Pump Time (MIN)	Volume Recovered (Gallons)	West Pit Level	Volume	freeboard	East Pit Level	Notes
10/24/2020	9:12 AM	9:14 AM	2	0	3'9"			3'2"	Please Note: 10 gpm / 15 gpm= leak detection pump
10/31/2020	8:20 AM	10:21 AM	1	4.2/4.2	3'9"			8'3"	All water is treated
11/7/2020	7:40 AM	7:43 AM	3	4.2/4.2	7'4"			10'1"	All water is treated
11/14/2020	7:15 AM	7:45 AM	3	12.6/8.4	10'0"			9'0"	All water is treated
11/21/2020	7:09 AM	7:11 AM	3	4.2/8.4	6'0"			16'0"	All water is treated
11/28/2020									
12/4/2020	9:10 AM	9:12 AM	2	4.2/4.2	14'6"			4'	All water is treated
12/12/2020	6:30 AM	6:33 AM	2	4.2/4.2	12'6"			14'6"	Water in E pit is a TW and BW Blend / Water is BW In W pit
12/19/2020	9:09 AM	9:12 AM	2	1.5/2	14'4"			0'0"	west pond brackish/east pond empty
12/27/2020	10:00 AM	10:02 AM	2	4.2/8.4	6'			6'	East & West Pits are Brackish Water
1/2/2021	8:00 AM	8:02 AM	2	4.2/8.4	6'			6'	East & West Pits are Brackish Water
1/9/2021	8:00 AM	8:02 AM	2	2.1/2.1	6'			6'	East & West Pits are Brackish Water
1/16/2021	10:55 AM	11:00 AM	5	0/2	6			6	east & West Pits are Brackish Water
1/24/2021	1:55 PM	2:00 PM	5	0/1.8	6			6	east & West Pits are Brackish Water
2/5/2021	2:28 PM	2:30 PM	2	0/0	6			6	East & West Pits are Brackish Water
2/8/2021	2:15 PM	2:20 PM	3	trace/trace	6			6	East & West Pits are Brackish Water
2/22/2021	9:15 AM	9:18 AM	3	1.5/3	6			6	East & West Pits are Brackish Water
3/1/2021	10:15 AM	10:20 AM	2	0/1.5	6			6	East & West Pits are Brackish Water
3/8/2021	9:30 AM	9:35 AM	2	0/0	6			6	East & West Pits are Brackish Water
3/16/2021	1:30 PM	1:35 PM	5 min	1.5/2	6'6"			6	East & West Pits are Brackish Water
3/30/2021	1:30 PM	1:33 PM	3 Min.	4.2/4.2	5'6"			5'6"	East & West Pits are Brackish Water
4/12/2021	1:00 PM	1:02 PM	2 min	4.2/4.2	5'6"			5'6"	East & West Pits are Brackish Water
4/27/2021	11:42 AM	11:45 AM	3 min.	4.2/4.2	4'9"			4'9"	East & West Pits are Brackish Water
5/14/2021	1:00 PM	1:03 PM	3min	4.2/8.4	4'6"			4'5"	East & West Pits are Brackish Water
5/24/2021	10:24 AM	10:26 AM	2 min	trace/trace	4'4"			4'3"	East & West Pits are Brackish Water
5/30/2021	10:15 AM	10:20 AM	1.5/1.5	trace/trace	4.25			4.25	East & West Pits are Brackish Water
6/18/2021	10:05 AM	10:10 AM	1 min	trace/trace	4'			4'	East & West Pits are Brackish Water
6/25/2021	8:15 AM	8:20 AM	2 min	trace/trace	4'			4'	East & West Pits are Brackish Water
7/17/2021	9:30 AM	9:31 AM	1 min	trace/trace	3.75			3.75	East & West Pits are Brackish Water
7/24/2021	10:10 AM	10:11 AM	1 min	trace/trace	10			6	East & West Pits are Brackish Water
8/14/2021	7:50 AM	7:51 AM	1 min	trace/trace	10			9.75	East & West Pits are Brackish Water
8/23/2021	8:05 AM	8:06 AM	1 min	trace/trace	10			9.75	East & West Pits are Brackish Water
9/11/2021	8:05 AM	8:06 AM	1 min	trace/trace	9.76			9.5	East & West Pits are Brackish Water
9/18/2021	8:25 AM	8:26 AM	1 min	trace/trace	9.75			9.5	East & West Pits are Brackish Water
10/9/2021	8:40 AM	8:41 AM	1 min	trace/trace	9.5			9.25	East & West Pits are Brackish Water
10/16/2021	8:00 AM	8:01 AM	1 min	trace/trace	9.5			9.25	East & West Pits are Brackish Water
11/6/2021	9:25 AM	9:26 AM	1 min	trace/trace	9.5			9.25	East & West Pits are Brackish Water

1. **Pond Name: Superman West Frac Pond (set up for RPW)**
2. **Date Inspected: 10/27/2021**
3. **GPS Coordinates: 32.015571, -103.718431 Sec. 30, T26S, R-32E**
4. **Maximum Capacity: 1,000,000**
5. **Dimensions:**
 - a) Top:
 - b) Bottom:
 - c) Depth: 19'
6. **Pond Condition:**
 - a) Walls: Good
 - b) Liner: Good
 - c) Ramp: Good condition
 - d) ETC: Brackish water in pond currently, double lined pond and is ready for RPW.
7. **Pond Signs yes/no? Yes**
 - a) Condition: Good
 - b) Visible: Yes
8. **Fence yes/no? Yes – 7' game fence w/barbed wire on top 3 strands**
 - a) Condition: Good
9. **Poly/Equipment on site yes/no? Yes**
 - a) Active/In Use: Yes
 - b) Needs to be removed: No
 - Water transfer pump on West Pond
 - Poly truck load lines X 2
 - Lights on Pond
 - LDS
 - Bird deterrent box

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 April 3, 2017

Recycling Facility and/or Recycling Containment

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

* 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: ConocoPhillips Company (For multiple operators attach page with information) OGRID #: 217817
Address: PO Box 2197 Houston, TX 77252
Facility or well name (include API# if associated with a well): Zia Hills Recycling Facility and Containment
OCD Permit Number: 1RF-454 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr Section 30 Township 26S Range 32E County: Lea
Surface Owner: [X] Federal [] State [] Private [] Tribal Trust or Indian Allotment

2. [] Recycling Facility:
Location of recycling facility (if applicable): Latitude 32.014527 Longitude -103.714621 NAD83
Proposed Use: [X] Drilling* [X] Completion* [X] Production* [X] 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
[] 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
[] Closure Report (required within 60 days of closure completion): [] Recycling Facility Closure Completion Date:

3. [X] Recycling Containment:
[] Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)
Center of Recycling Two In Ground Containments (if applicable): Latitude 32.015321 Longitude -103.717637:
Three AST Containments: Latitude 32.015321 Longitude -103.717637 NAD83
[X] For multiple or additional recycling containments, attach design and location information of each containment
[X] Lined [] Liner type: Thickness In Ground X2 Primary 60-Mil HDPE; Secondary 60-Mil HDPE [] LLDPE [X] HDPE [] PVC [] Other
AST X2: Primary 40-Mil LLDPE; Secondary 40-Mil LFPPE SEE DESIGN DRAWINGS [] String-Reinforced
Liner Seams: [X] Welded [] Factory [] Other Volume: SEE DESIGN DRAWINGS bbl Dimensions: SEE DESIGN DRAWINGS
[] 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 _____

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	<input type="checkbox"/> Yes <input type="checkbox"/> No <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. - Written confirmation or verification from the municipality; written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. FEMA map	<input type="checkbox"/> Yes <input 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). - Topographic map; visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; aerial photo; satellite image	<input type="checkbox"/> Yes <input 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. - NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input 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): Timothy Reed Title: Water Management Supervisor
 Signature: *Timothy Reed* Date: 11/22/2021
 e-mail address: timothy.reed@contractor.conocophillips.com Telephone: 432-238-8399

11.

OCD Representative Signature: *Victoria Venegas* **Approval Date:** 12/07/2021

Title: Environmental Specialist **OCD Permit Number:** 1RF-454

- OCD Conditions _____
- Additional OCD Conditions on Attachment

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Tuesday, December 7, 2021 2:40 PM
To: brantley.harrington@conocophillips.com; timothy.reed@contractor.conocophillips.com; Lee, Jeremy L
Cc: Enviro, OCD, EMNRD
Subject: 1RF-454 - Zia Hills Superman Recycling Facility and Containment, Facility ID fSL2029049637.
Attachments: C-147 Approval_Extension of cessations of operations 12.07.2021.pdf

1RF-454 - Zia Hills Superman Recycling Facility and Containment, Facility ID [fSL2029049637](#). Extension of Cessation of Operations Approval.

Mr. Harrington,

NMOCD has reviewed the determination of cessation of operations extension request for 1RF-454 - Zia Hills Superman Recycling Facility and Containment, Facility ID [fSL2029049637](#), received from [217817] CONOCOPHILLIPS COMPANY on November 30, 2021. The cessation for operations extension request is approved with the following conditions of approval:

- 1RF-454 - Zia Hills Superman Recycling Facility and Containment, Facility ID [fSL2029049637](#) registration/permit expires on May 28, 2025.
- 1RF-454 - Zia Hills Superman Recycling Facility and Containment, Facility ID [fSL2029049637](#) extension of cessation of operations is approved from December 31, 2021 through June 30, 2022.
- [217817] CONOCOPHILLIPS COMPANY must recycle at 20% of the total fluid capacity of produced water from 1RF-454 - Zia Hills Superman Recycling Facility and Containment, Facility Number [fSL2029049637](#) no later than through May 30, 2022 to be considered in operations.
- [217817] CONOCOPHILLIPS COMPANY will maintain a liquid level in the containment that is at least equal to the weight of the liner plus 20%. [217817] CONOCOPHILLIPS COMPANY may maintain a higher liquid level if they choose.
- [217817] CONOCOPHILLIPS COMPANY will provide written notice to [OCD Online](#) 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, [217817] CONOCOPHILLIPS COMPANY is required to perform an incremental fluid level test for containment liquid levels above the minimum liquid level.
 - [217817] CONOCOPHILLIPS COMPANY will fill the containment. [217817] CONOCOPHILLIPS COMPANY will pause filling operations at every 10% of total fluid capacity above the minimum level.
 - [217817] CONOCOPHILLIPS COMPANY will maintain the liquid level for each 10% volume increase for 24 hours and inspect and operation the leak detection system at the end of the 24-hour period.
 - If there are no liquids present in the leak detection system, [217817] CONOCOPHILLIPS COMPANY 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, [217817] CONOCOPHILLIPS COMPANY should immediately cease the incremental fill test and perform a liner inspection. [217817] CONOCOPHILLIPS COMPANY should provide written notice of the fluid detection and liner inspection findings to OCD via [OCD Online](#) using a C-147 (long form) with the "Other" box checked and "Notice of fluid detection" written as the explanation of "Other."
 - Upon notification of fluid detection in the leak detection system, the OCD will verify the source of water (condensation versus produced water).
 - If the detected fluid is confirmed to be condensation, the OCD will issue a written approval to proceed with the incremental fluid level test.

- If the detected fluid is confirmed to be produced water, [217817] CONOCOPHILLIPS COMPANY must comply with 19.15.34.13 NMAC. [217817] CONOCOPHILLIPS COMPANY must provide written notification to [OCD Online](#) on the actions taken to comply with 19.15.34.13 NMAC.
 - After fluid is detected in the leak detection system, the incremental fill test cannot continue until after a written approval to proceed is issued by the OCD.
 - [217817] CONOCOPHILLIPS COMPANY must submit copies of the detailed containment inspection records for the prior three months and a report detailing the incremental fluid level test process and results through the [OCD Online](#) system using a C-147 (long form) with the "Other" box checked. "Recommendation 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.
- [217817] CONOCOPHILLIPS COMPANY will continue to operate, maintain, and close 1RF-454 - Zia Hills Superman Recycling Facility and Containment Facility ID [fSL2029049637](#) 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-454 - Zia Hills Superman Recycling Facility and Containment Facility ID [fSL2029049637](#) is limited to wells owned or operated by [217817] CONOCOPHILLIPS COMPANY.
 - A minimum of 3-feet freeboard must always be maintained in the recycling containment during operations.
 - [217817] CONOCOPHILLIPS COMPANY may request a variance for an additional extension to the determination of cessation of operations, which will be reviewed on a case-by-case basis and evaluated on their merit. Extensions are considered for a maximum length of six months. Additional requests must be submitted through [OCD Online](#) on a Form C-147 (long form) as an Extension request and should include a variance request and summary per 19.15.34.16 NMAC and the detailed inspection records for the prior three (3) months. The extension request should be submitted no later than May 30, 2022.

A copy of this electronic communication can be found in the facility file [fSL2029049637](#) on OCD Imaging at: <https://ocdimage.emnrd.state.nm.us/imaging/FacilityFileView.aspx?facility=fSL2029049637>

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

<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 64237

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 64237
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
venegas	NMOCD has reviewed the determination of cessation of operations extension request for 1RF-454 - Zia Hills Superman Recycling Facility and Containment, Facility ID fSL2029049637, received from [217817] CONOCOPHILLIPS COMPANY on November 30, 2021. • 1RF-454 - Zia Hills Superman Recycling Facility and Containment, Facility ID fSL2029049637 extension of cessation of operations is approved from December 31, 2021 through June 30, 2022.	12/7/2021