

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

Form C-147  
Revised October 11, 2022

## Recycling Facility and/or Recycling Containment

**Type of Facility:** ☒ Recycling Facility ☒ Recycling Containment\*  
**Type of action:** ☐ Permit ☐ Registration  
☐ Modification ☒ Extension  
☐ Closure ☒ Other (explain) Extension from 5/28/2025 - 5/28/2026

**\* 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: ☒ 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: ☒ Drilling\* ☒ Completion\* ☒ Production\* ☒ Plugging\*  
*\*The re-use of produced water may NOT be used until fresh water zones are cased and cemented*  
☐ Other, *requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on groundwater or surface water.*  
☒ Fluid Storage  
☐ Above ground tanks ☒ Recycling containment ☐ Activity permitted under 19.15.17 NMAC explain type \_\_\_\_\_  
☐ Activity permitted under 19.15.36 NMAC explain type: \_\_\_\_\_ ☐ Other explain \_\_\_\_\_  
☐ For multiple or additional recycling containments, attach design and location information of each containment  
☐ **Closure Report (required within 60 days of closure completion):** ☐ Recycling Facility Closure Completion Date: \_\_\_\_\_

3.  
☒ **Recycling Containment:** Superman East & Superman West  
☐ Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)  
 Center of Recycling Containment (if applicable): Latitude 32.014614 Longitude -103.717637 NAD83  
☐ For multiple or additional recycling containments, attach design and location information of each containment  
☒ Lined ☐ Liner type: Thickness 60 P 60 S mil ☐ LLDPE ☒ HDPE ☐ PVC ☐ Other \_\_\_\_\_  
☐ String-Reinforced  
 Superman East = 608 K Superman West = 608 K Total = 1216 K bbl  
 Liner Seams: ☒ Welded ☐ Factory ☐ Other \_\_\_\_\_ Volume: \_\_\_\_\_ bbl Dimensions: L \_\_\_\_\_ x W \_\_\_\_\_ x D \_\_\_\_\_  
☐ Recycling Containment Closure Completion Date: \_\_\_\_\_ See Design Drawings

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 Game Fence

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.**

Variance box was checked in March 2020 submission. Based upon recent submissions these 2020 "variances" are moot.

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.

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

☐ Yes ☒ No  
☐ NA

Within the area overlying a subsurface mine.

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

☐ Yes ☒ No

Within an unstable area.

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

☐ Yes ☒ No

Within a 100-year floodplain. FEMA map

☐ Yes ☒ No

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

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

☐ Yes ☒ 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

☐ Yes ☒ 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

☐ Yes ☒ No

Within 500 feet of a wetland.

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

☐ Yes ☒ 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)

Checklist does not apply to extension

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: DB Water Superintendent  
 Signature: Timothy Reed Date: 04/21/2025  
 e-mail address: timothy.reed@conocophillips.com Telephone: 432-238-8399

11.

OCD Representative Signature: Victoria Venegas Approval Date: 07/17/2025

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

- ☒ OCD Conditions  
☒ Additional OCD Conditions on Attachment

# OPERATIONS & MAINTENANCE REPORT



Zia Hills Recycling Facility Lea Co, NM

Conoco Phillips  
15 N London Rd  
Loving, TX 88256



April 21, 2025

Ms. Victoria Venagas  
Environmental Specialist Advanced  
EMNRD Oil Conservation Division  
506 W. Texas Ave.  
Artesia, NM 88210

**Re:** Conoco Phillips OGRID #217817  
Zia Hills Recycling Facility  
Permit #1RF-454  
Section 30, T26-S, R32-E,  
Lea County, New Mexico

Ms. Venegas,

Cascade Services, LLC is pleased to provide this Operations and Maintenance Report for the Conoco Phillips Zia Hills Recycling Facility located in Lea County, New Mexico. This report includes impoundment & infrastructure observation.

If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,

Bobbi Jo Crain  
President  
Cascade Services, LLC

# **I. Executive Summary**

Cascade Services, LLC has prepared this O&M Report for the Conoco Phillips Zia Hills Recycling Facility #1RF-454 located in Lea County, New Mexico. This report includes its findings from an on-site observation that took place on April 20, 2025. The on-site assessment observed the impoundment leak detection system, impoundment exterior slopes, piping, water level monitoring system, fencing, liner integrity, and AST. The observation was done to the best of our abilities.

Cascade makes no claims or warranties based upon this inspection and is not liable for any items discovered to have impairment.

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- H. Leak Discovery Records
- I. AST & Closure Soil Analysis

### V. Appendices

- A. Pictures from On-site Observation
- B. Transmittal and Quarterly Inspection Records

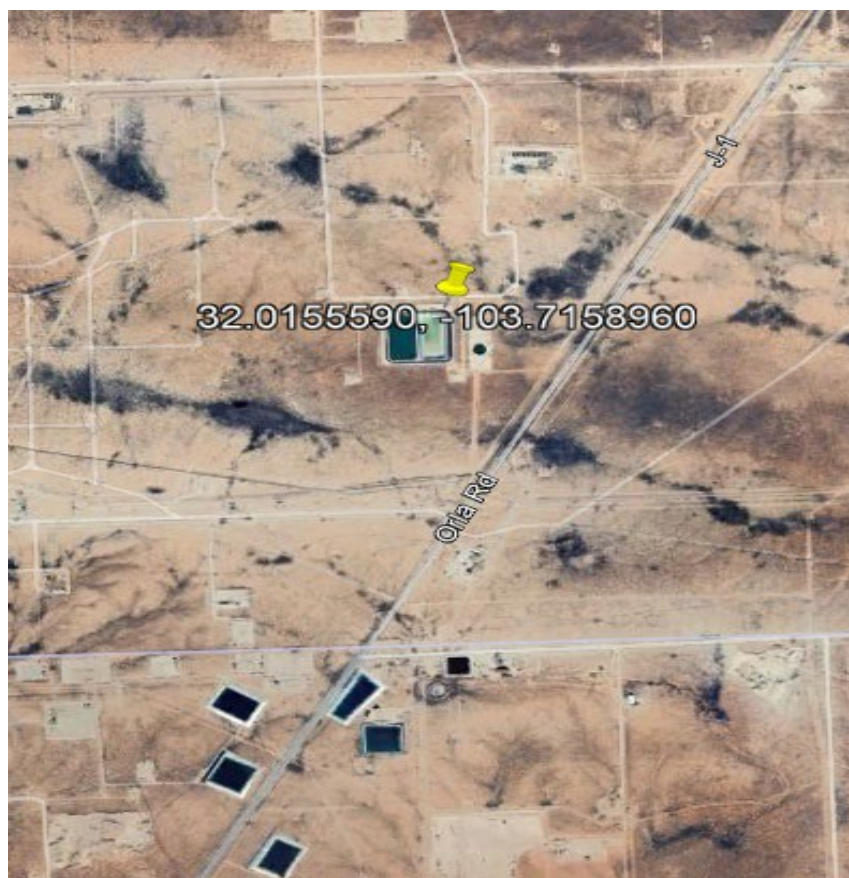
## 2. III. General Location & Development Description:

### A. Scope of Report

The purpose of this operations and maintenance report for the Conoco Phillips Zia Hills Recycling Facility is to present findings on the existing condition of the Produced Water facility located in Lea County, New Mexico. This report will present an analysis based on the existing conditions of the impoundment, primarily focused on the exterior slopes, leak detection system, piping, water level monitoring system, fencing, integrity of the impoundment liner, cumulative water volumes, leak discovery records, AST & closure soil analysis.

### B. Location of Zia Hills Recycling Facility

The Conoco Phillips Zia Hills Recycling Facility is generally located in Lea County, New Mexico. See **Figure 1A**.



**Figure 1A:**

Location Map



## IV. Existing Conditions

### A. Leak Detection System

Leak detection is utilized at the Conoco Phillips Zia Hill Recycling Facility location.

### B. Berms

No erosion exists due to recent preventative maintenance activities. The facility originally had exterior erosion control installed and has since been removed. Pictures from the on-site observation of the recycled water impoundment can be found in Appendix A.

### C. Piping

HDPE poly is utilized for outlet piping for the impoundment. Layflat is utilized for inlets. The piping that was able to be visually assessed during the on-site observation appears to be in good condition. Pictures from the on-site observation of the recycled water impoundment can be found in Appendix A.

### D. Level Monitoring System

Conoco Phillips Zia Hills Recycling Facility has a depth gauges installed on the east and west interior slopes for manual observation as well as a pressure transducer that transmits the water level electronically to the pond's PLC. Pictures from the on-site observation of the recycled water impoundment can be found in Appendix A.

### E. Fencing

Fencing around the Conoco Phillips Zia Hills Recycling Facility was found to be overall sound & intact during the on-site observation. The fencing consists of a 6-foot chain link fence with three strand barb wire, with the appropriate locking mechanisms on the gates leading in to and out of the pit. Pictures from the on-site observation of the recycled water impoundment can be found in Appendix A.

### F. Liner Integrity Inspection

Conoco Phillips recently installed a new Primary layer of liner & rubsheets on both the east and west impoundments in April of 2025. The material specs are per plan to original drawings. QA/QC records are attached.

## G. Cumulative Water Volumes

C148 records are up to date via the OCD portal.

## H. Leak Discovery Records

Please find attached.

## I. AST & Closure Soil Analysis

ASTs mobilized 10-20-2020 (2) on Superman Recycling Facility Pad. Lat 320045.37 Long 1034250.80. At the time of the facility inspection, the ASTs were previously demobilized on January 20, 2021. Soil sampling in the area where the ASTs were removed has been performed. Find results and C147 closure attached.

## **APPENDIX A**

### **PICTURES FROM ON-SITE OBSERVATION**



Entrance to facility



Bird call at south end  
of facility



Automation for water & gas levels



Water inlets





East impoundment inlet



West impoundment inlet



East impoundment leak detection pump



West impoundment leak detection pump





East impoundment depth gauge



West impoundment depth gauge



East exterior outlet piping



West exterior outlet piping





Moderate exterior rill erosion prior to preventative maintenance



Moderate exterior rill erosion prior to preventative maintenance



Exterior slopes after preventative maintenance



Repaired exterior slopes

# **APPENDIX B**

## **TRANSMITTAL LETTER AND QUARTERLY INSPECTION RECORDS**



Ms. Venegas:

Cascade Services LLC and R.T. Hicks Consultants Ltd is pleased to submit a C-147 extension package for the Zia Hills Superman East and West Containments (1RF-454). ConocoPhillips uploaded the initial C-147 on May 28, 2020. OCD completed the review of the submission and approved the facility with conditions on October 16, 2020.

We have communicated with OCD regarding this submission for several weeks and were granted an extension to submit a complete package that included a separate C-147 Closure of the ASTs. We received the results of closure sampling yesterday (May 8, 2020) and the Closure Report will be uploaded separately. Thus, we believe the extension allows ConocoPhillips to meet the mandate of Rule 34 regarding an extension of time to operate, which is reproduced below for the benefit of our client.

**19.15.34.10.C.** 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.

ConocoPhillips initiated monthly monitoring of the leak detection system in the East and West Superman Containments on 1/07/2020. However, the reports from January 2020 to January 2021 are no longer available due to changing operational responsibility between ConocoPhillips and Concho Operating.

Tables 1 and 2 provide a summary showing weekly and monthly inspections of the East and West containments. As indicated in the two tables, the seepage rate from the primary liner system is extremely low, as presented below.

<b>1554</b>	<b>Number of Days Monitoring East Containment</b>
<b>44.05</b>	<b>Total Gallons in Leak Detection</b>
<b>0.0283</b>	<b>Average Daily Seepage Rate in Gallons</b>
<b>3.6283</b>	<b>Average Daily Seepage Rate in ounces</b>

<b>1554</b>	<b>Number of Days Monitoring West Containment</b>
<b>41.95</b>	<b>Total Gallons in Leak Detection</b>
<b>0.0270</b>	<b>Average Daily Seepage Rate in Gallons</b>
<b>3.4553</b>	<b>Average Daily Seepage Rate in ounces</b>

All natural and manufactured material exhibit permeability of fluids and 60-mil HDPE liners are no exception. Some transmission of water through the primary liner is expected. Additionally, vents allow movement of air from the atmosphere into the leak detection system and vice versa (see design drawings). Whenever warm/hot air with some humidity enters the leak detection system, which generally is cooler than the surface of Eddy and Lea Counties, condensation of the humidity occurs. Condensation will be a portion of the observed fluid in the leak detection systems – perhaps most of the fluid detected.

As stated in Rule 34 (above) “monitoring of the leak detection system, showing the containment’s integrity has not been compromised”. The leak detection collection rate of 4 oz/day of fluid (condensation and any seepage through the liner) does not indicate any compromise of the integrity of the primary liner of the East of West Superman containments.

ConocoPhillips also communicated that a new 60-mil HDPE primary liner was installed.

Please contact me if you have any questions regarding this submission.

BJC

Quarterly Inspection Log - Superman East Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water		-Dead Wildlife			Fluid Visible	Total Gallons	
		-Visible Liner Tears or Holes		-Leak Detection Volumes					
		-Erosion or Surface Run on							
		Yes / No	Comments	(ft)	(ft)	Yes/No	Total Gallons		
01/07/20			No data available due to COP/Concho acquisition						
01/14/20			" "						
01/21/20			" "						
01/28/20			" "						
02/04/20			" "						
02/11/20			" "						
02/18/20			" "						
02/25/20			" "						
03/03/20			" "						
03/10/20			" "						
03/17/20			" "						
03/24/20			" "						
03/31/20			" "						
04/07/20			" "						
04/14/20			" "						
04/21/20			" "						
04/28/20			" "						
05/05/20			" "						
05/12/20			" "						
05/19/20			" "						
05/26/20			" "						
06/02/20			" "						
06/09/20			" "						
06/16/20			" "						
06/23/20			" "						
06/30/20			" "						
07/07/20			" "						
07/14/20			" "						
07/21/20			" "						
07/28/20			" "						
08/04/20			" "						
08/11/20			" "						
08/18/20			" "						
08/25/20			" "						
09/01/20			" "						
09/08/20			" "						
09/15/20			" "						
09/22/20			" "						
09/29/20			" "						
10/06/20			" "						

Quarterly Inspection Log - Superman East Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments	(ft)	(ft)	Yes/No	Total Gallons		
10/13/20			" "						
10/20/20			" "						
10/27/20			" "						
11/03/20			" "						
11/10/20			" "						
11/17/20			" "						
11/24/20			" "						
12/01/20			" "						
12/08/20			" "						
12/15/20			" "						
12/22/20			" "						
12/29/20			" "						
01/05/21			" "						
01/12/21									
01/19/21	MB	No			3				
01/26/21	MB	Liner	Small hole/tear in E pond, SW corner, will repair		3	Yes	2.5	Liner repaired 1/28	
02/02/21	MB	No			3				
02/09/21	MB	No			3				
02/16/21	MB	No			3				
02/23/21	MB	No			3				
03/02/21	MB	No			3				
03/09/21	MB	Liner	E pond, EW small hole/tear, will repair		3	Yes	1.6	Hole repaired 3/12	
03/16/21	MB	No			3				
03/23/21	MB	No			3				
03/30/21	MB	No			3				
04/06/21	MB	No			3				
04/13/21	MB	No			3				
04/20/21	MB	No			3				
04/27/21	MB	No			3				
05/04/21	MB	No			3	Yes	1.7		
05/11/21	MB	No			3				
05/18/21	MB	No			3				
05/25/21	MB	No			3				
06/01/21	MB	No			3				
06/08/21	MB	No			3				
06/15/21	MB	No			3				
06/22/21	MB	No			3				
06/29/21	MB	No			3				
07/06/21	MB	No			3				
07/13/21	MB	No			3				

Quarterly Inspection Log - Superman East Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water		-Dead Wildlife			Fluid Visible	Total Gallons	
		-Visible Liner Tears or Holes		-Leak Detection Volumes					
		-Erosion or Surface Run on							
		Yes / No	Comments	(ft)	(ft)	Yes/No	Total Gallons		
07/20/21	MB	No			3				
07/27/21	MB	No			3				
08/03/21	MB				3	Yes	0.2		
08/10/21	MB	No			3				
08/17/21	MB	No			3				
08/24/21	MB	No			3				
08/31/21	MB	No			3				
09/07/21	MB	No			3				
09/14/21	MB	No			3				
09/21/21	MB	Liner	E pond, N side middle, pinhole from rock, will repair		3	Yes	0.9	Pinhole patched 9/23	
09/28/21	MB	No			3				
10/05/21	MB	No			3				
10/12/21	MB	No			3				
10/19/21	MB	No			3				
10/26/21	MB	No			3				
11/02/21	MB	No			3	Yes	2.1		
11/09/21	MB	No			3				
11/16/21	MB	No			3				
11/23/21	MB	No			3				
11/30/21	MB	No			3				
12/07/21	MB	No			3				
12/14/21	MB	No			3	Yes	3.3		
12/21/21	MB	No			3				
12/28/21	MB	No			3				
01/04/22	MB	No		7' 3"	3				
01/11/22	MB	No		15' 12"	3				
01/18/22	MB	No		17' 4"	3				
01/25/22	MB	No		17' 3"	3				
02/01/22	MB	No		17' 3"	3				
02/08/22	MB	No		17' 2"	3				
02/15/22	MB	No		17' 1"	3				
02/22/22	MB	No		17' 0"	3				
03/01/22	MB	No		16' 12"	3				
03/08/22	MB	No		14' 3"	3				
03/15/22	MB	No		15' 8"	3				
03/22/22	MB	Liner	E pond S side tear on top, will repair	16' 8"	3	Yes	1.6	Repaired 3/25	
03/29/22	MB	No		14' 4"	3				
04/05/22	MB	No		14' 11"	3				
04/12/22	MB	No		11' 3"	3				
04/19/22	MB	No		7' 11"	3				

Quarterly Inspection Log - Superman East Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water		-Dead Wildlife			Fluid Visible	Total Gallons	
		-Visible Liner Tears or Holes		-Leak Detection Volumes					
		-Erosion or Surface Run on							
		Yes / No	Comments	(ft)	(ft)	Yes/No	Total Gallons		
04/26/22	MB	No		3' 5"	3	Yes	1.3		
05/03/22	MB	No		0' 0"	3				
05/10/22	MB	No		0' 1"	3				
05/17/22	MB	No		4' 9"	3				
05/24/22	MB	No		13' 10"	3				
05/31/22	MB	No		12' 1"	3				
06/07/22	MB	No		15' 10"	3				
06/14/22	MB	No		15' 8"	3				
06/21/22	MB	No		8' 9"	3	Yes	0.56		
06/28/22	MB	No		4' 0"	3				
07/05/22	MB	No		3' 11"	3				
07/12/22	MB	No		3' 9"	3				
07/19/22	MB	No		3' 7"	3				
07/26/22	MB	No		3' 5"	3				
08/02/22	MB	No		3' 3"	3				
08/09/22	MB	No		3' 1"	3				
08/16/22	MB	No		3' 1"	3	Yes	0.29		
08/23/22	MB	No		3' 1"	3				
08/30/22	MB	No		3' 0"	3				
09/06/22	MB	No		3' 1"	3				
09/13/22	MB	No		2' 11"	3				
09/20/22	MB	No		6' 8"	3				
09/27/22	MB	No		6' 6"	3				
10/04/22	MB	No		15' 9"	3	Yes	0.6		
10/11/22	MB	No		17' 1"	3				
10/18/22	MB	No		16' 12"	3				
10/25/22	MB	No		15' 11"	3				
11/01/22	MB	No		17' 9"	3				
11/08/22	MB	No		17' 5"	3				
11/15/22	MB	No		16' 8"	3				
11/22/22	MB	No		15' 12"	3				
11/29/22	MB	No		13' 6"	3				
12/06/22	MB	No		3' 5"	3	Yes	1.6		
12/13/22	MB	No		3' 4"	3				
12/20/22	MB	No		9' 3"	3				
12/27/22	MB	No		9' 12"	3				
01/03/23	MP	No		9' 12"	3				
01/10/23	MB	No		9' 11"	3				
01/17/23	MP	Liner	E pond SE corner pin hole, will repair	9' 11"	3	Yes	1.8	Pin hole patched 1/17	
01/24/23	MB	No		9' 10"	3				

Quarterly Inspection Log - Superman East Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments	(ft)			(ft)	Yes/No	
01/31/23	MP	No			9' 9"	3			
02/07/23	MB	No			9' 9"	3			
02/14/23	MP	No			9' 9"	3			
02/21/23	MB	No			9' 9"	3			
02/28/23	MP	No			9' 6"	3			
03/07/23	MB	No			9' 7"	3			
03/14/23	MP	No			9' 6"	3			
03/21/23	MB	No			9' 5"	3			
03/28/23	MP	No			9' 4"	3			
04/04/23	MB	Liner	E pond pin hole in N rub sheet, will repair		9' 2"	3	Yes	2.1	Rub sheet repaired 4/5
04/11/23	MP	No			9' 2"	3			
04/18/23	MB	No			9' 1"	3			
04/25/23	MP	No			8' 11"	3			
05/02/23	MB	No			8' 10"	3			
05/09/23	MP	No			8' 9"	3			
05/16/23	MB	Liner	E pond pin hole middle of W side, will repair		8' 8"	3	Yes	2	Pin hole patched 5/17
05/23/23	MP	No			8' 7"	3			
05/30/23	MB	No			12' 11"	3			
06/06/23	MP	No			17' 9"	3			
06/13/23	MB	No			17' 1"	3			
06/20/23	MP	No			13' 8"	3			
06/27/23	MB	No			5' 2"	3			
07/04/23	MP	No			2' 5"	3			
07/11/23	MB	No			2' 3"	3			
07/18/23	MP	No			17' 0"	3			
07/25/23	MB	No			17' 4"	3			
08/01/23	MP	No			17' 2"	3			
08/08/23	MB	No			17' 0"	3			
08/15/23	MP	Liner	E pond SW corner small tear at weld, will repair		16' 10"	3	Yes	3.6	Tear welded 8/20
08/22/23	MB	No			16' 8"	3			
08/29/23	MP	No			16' 8"	3			
09/05/23	MB	No			16' 6"	3			
09/12/23	MP	No			16' 5"	3	Yes	1.7	
09/19/23	MB	No			16' 5"	3			
09/26/23	MP	No			16' 3"	3			
10/03/23	MB	No			16' 2"	3			
10/10/23	MP	No			16' 1"	3			
10/17/23	MB	No			15' 11"	3			
10/24/23	MP	No			11' 10"	3			
10/31/23	MB	No			4' 11"	3			

Quarterly Inspection Log - Superman East Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water		-Dead Wildlife			Fluid Visible	Total Gallons	
		-Visible Liner Tears or Holes		-Leak Detection Volumes					
		-Erosion or Surface Run on							
		Yes / No	Comments	(ft)	(ft)	Yes/No	Total Gallons		
11/07/23	MP	No		12' 9"	3				
11/14/23	MB	No		2' 8"	3				
11/21/23	MP	No		0' 10"	3				
11/28/23	MB	No		0' 10"	3				
12/05/23	MP	No		0' 10"	3				
12/12/23	MB	No		0' 9"	3				
12/19/23	MP	No		0' 6"	3				
12/26/23	MB	No		0' 5"	3				
01/02/24	MP	No		0' 5"	3				
01/09/24	MB	No		0' 4"	3				
01/16/24	MP	No		0' 12"	3	Yes	1.3		
01/23/24	MB	No		0' 12"	3				
01/30/24	MP	No		1' 5"	3				
02/06/24	MB	No		1' 5"	3				
02/13/24	MP	No		1' 5"	3				
02/20/24	MB	No		1' 5"	3				
02/27/24	MP	No		1' 5"	3				
03/05/24	MB	No		1' 5"	3				
03/12/24	MP	No		1' 5"	3				
03/19/24	MB	No		1' 5"	3	Yes	2.1		
03/26/24	MP	No		1' 5"	3				
04/02/24	MB	No		1' 5"	3				
04/09/24	MP	No		1' 5"	3				
04/16/24	MB	No		1' 6"	3				
04/23/24	MP	No		1' 6"	3				
04/30/24	MB	No		2' 4"	3				
05/07/24	MP	No		1' 6"	3				
05/14/24	MB	No		1' 6"	3				
05/21/24	MP	No		5' 4"	3				
05/28/24	MB	No		8' 1"	3				
06/04/24	MP	No		7' 11"	3				
06/11/24	MB	No		5' 9"	3	Yes	1.4		
06/18/24	MP	No		1' 7"	3				
06/25/24	MB	No		1' 6"	3				
07/02/24	MP	No		1' 6"	3				
07/09/24	MB	No		1' 7"	3				
07/16/24	MP	No		1' 7"	3				
07/23/24	MB	No			3				
07/30/24	MP	No		1' 10"	3				
08/06/24	MB	Liner	E pond NW corner small rip, will repair	1' 10"	3	Yes	3.1	Repaired 8/10	



Quarterly Inspection Log - Superman East Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments	(ft)	(ft)	Yes/No	Total Gallons		
08/13/24	MP	No		1' 10"	3				
08/20/24	MB	No		1' 10"	3				
08/27/24	MP	No		1' 10"	3				
09/03/24	MB	No		1' 10"	3				
09/10/24	MP	No		1' 10"	3				
09/17/24	MB	Liner	E pond W middle pin hole, will repair	1' 10"	3	Yes	2.9	Pinhole fixed 9/20	
09/24/24	MP	No		2' 4"	3				
10/01/24	MB	No		12' 8"	3				
10/08/24	MP	No		15' 11"	3				
10/15/24	MB	No		15' 10"	3				
10/22/24	MP	No		15' 8"	3				
10/29/24	MB	No		15' 7"	3				
11/05/24	MP	No		10' 0"	3				
11/12/24	MB	Liner	E pond E middle pin hole rock, will repair	8' 6"	3	Yes	1.8	Rock removed, pinhole patched 11/13	
11/19/24	MP	No		10' 9"	3				
11/26/24	MB	No		14' 4"	3				
12/03/24	MP	No		15' 11"	3				
12/10/24	MB	No		15' 4"	3				
12/17/24	MP	No		16' 3"	3				
12/24/24	MB	No		15' 12"	3				
12/31/24	MB	No		1' 2"	3				
01/07/25	MB	No		13' 4"	3				
01/14/25	MB	No		11' 0"	3	Yes	2		
01/21/25	MB	No		1' 8"	3				
01/28/25	MB	No		1' 9"	3				
02/04/25	MB	No		1' 10"	3				
02/11/25	MB	No		1' 9"	3				
02/18/25	MB	No		1' 9"	3				
02/25/25	MB	No		1' 10"	3				
03/04/25	MB	No		1' 10"	3				
03/11/25	MB	No		1' 10"	3				
03/18/25	MB	No		1' 10"	3				
03/25/25	MB	No		1' 10"	3				
04/01/25	MB	No		1' 10"	3				
04/08/25	MB	No		10' 11"	3				
04/15/25	MB	No			3				
04/22/25	MB	No		4' 3"	3				
04/29/25	MB	No			3				

Quarterly Inspection Log - Superman West Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments		(ft)	(ft)	Yes/No	Total Gallons	
01/07/20			No data available due to COP/Concho acquisition						
01/14/20			" "						
01/21/20			" "						
01/28/20			" "						
02/04/20			" "						
02/11/20			" "						
02/18/20			" "						
02/25/20			" "						
03/03/20			" "						
03/10/20			" "						
03/17/20			" "						
03/24/20			" "						
03/31/20			" "						
04/07/20			" "						
04/14/20			" "						
04/21/20			" "						
04/28/20			" "						
05/05/20			" "						
05/12/20			" "						
05/19/20			" "						
05/26/20			" "						
06/02/20			" "						
06/09/20			" "						
06/16/20			" "						
06/23/20			" "						
06/30/20			" "						
07/07/20			" "						
07/14/20			" "						
07/21/20			" "						
07/28/20			" "						
08/04/20			" "						
08/11/20			" "						
08/18/20			" "						
08/25/20			" "						
09/01/20			" "						
09/08/20			" "						
09/15/20			" "						
09/22/20			" "						
09/29/20			" "						

Quarterly Inspection Log - Superman West Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments		(ft)	(ft)	Yes/No	Total Gallons	
10/06/20			" "						
10/13/20			" "						
10/20/20			" "						
10/27/20			" "						
11/03/20			" "						
11/10/20			" "						
11/17/20			" "						
11/24/20			" "						
12/01/20			" "						
12/08/20			" "						
12/15/20			" "						
12/22/20			" "						
12/29/20			" "						
01/05/21			" "						
01/12/21			" "						
01/19/21			" "						
01/26/21	MB	No				3	Yes	2.5	
02/02/21	MB	No				3			
02/09/21	MB	No				3			
02/16/21	MB	No				3			
02/23/21	MB	No				3			
03/02/21	MB	No				3			
03/09/21	MB	No				3	Yes	1.6	
03/16/21	MB	No				3			
03/23/21	MB	No				3			
03/30/21	MB	No				3			
04/06/21	MB	No				3			
04/13/21	MB	No				3			
04/20/21	MB	No				3			
04/27/21	MB	No				3			
05/04/21	MB	Liner	W pond, NE corner, pin hole from rock, will repair			3	Yes	1.7	Repaired 5/5
05/11/21	MB	No				3			
05/18/21	MB	No				3			
05/25/21	MB	No				3			
06/01/21	MB	No				3			
06/08/21	MB	No				3			
06/15/21	MB	No				3			
06/22/21	MB	No				3			
06/29/21	MB	No				3			

Quarterly Inspection Log - Superman West Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments		(ft)	(ft)	Yes/No	Total Gallons	
07/06/21	MB	No				3			
07/13/21	MB	No				3			
07/20/21	MB	No				3			
07/27/21	MB	No				3			
08/03/21	MB	No				3	Yes	0.2	
08/10/21	MB	No				3			
08/17/21	MB	No				3			
08/24/21	MB	No				3			
08/31/21	MB	Liner	W pond, S side, top of liner, small tear, will repair			3			Liner fixed 9/2
09/07/21	MB	No				3			
09/14/21	MB	No				3			
09/21/21	MB	No				3	Yes	0.9	
09/28/21	MB	No				3			
10/05/21	MB	No				3			
10/12/21	MB	No				3			
10/19/21	MB	No				3			
10/26/21	MB	No				3			
11/02/21	MB	Liner	W pond, small tear by load line, will repair			3	Yes	2.1	Load line tear repaired 11/3
11/09/21	MB	No				3			
11/16/21	MB	No				3			
11/23/21	MB	No				3			
11/30/21	MB	No				3			
12/07/21	MB	No				3			
12/14/21	MB	Liner	W pond E side middle liner hole, will repair			3	Yes	3.3	Repaired 12/15
12/21/21	MB	No				3			
12/28/21	MB	No				3			
01/04/22	MB	No			7' 3"	3			
01/11/22	MB	No			7' 1"	3			
01/18/22	MB	No			15' 10"	3			
01/25/22	MB	No			17' 10"	3			
02/01/22	MB	No			17' 9"	3			
02/08/22	MB	No			17' 7"	3			
02/15/22	MB	No			17' 6"	3			
02/22/22	MB	No			17' 7"	3			
03/01/22	MB	No			16' 8"	3			
03/08/22	MB	No			16' 3"	3			
03/15/22	MB	No			17' 1"	3			
03/22/22	MB	No			16' 10"	3	Yes	1.6	
03/29/22	MB	No			14' 3"	3			

Quarterly Inspection Log - Superman West Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments		(ft)	(ft)	Yes/No	Total Gallons	
04/05/22	MB	No			17' 3"	3			
04/12/22	MB	No			15' 10"	3			
04/19/22	MB	No			15' 8"	3			
04/26/22	MB	Pond/Dirt	W pond W side, trench needs fill dirt, will repair		15' 9"	3	Yes	1.3	Trench filled 4/27
05/03/22	MB	No			17' 3"	3			
05/10/22	MB	No			17' 1"	3			
05/17/22	MB	No			14' 1"	3			
05/24/22	MB	No			4' 2"	3			
05/31/22	MB	No			4' 7"	3			
06/07/22	MB	No			0' 5"	3			
06/14/22	MB	No			0' 1"	3			
06/21/22	MB	Liner	W pond NW corner, pin hole on top, will repair		9' 4"	3	Yes	0.56	Pin hole patched 6/24
06/28/22	MB	No			13' 3"	3			
07/05/22	MB	No			13' 1"	3			
07/12/22	MB	No			12' 12"	3			
07/19/22	MB	No			12' 9"	3			
07/26/22	MB	No			12' 7"	3			
08/02/22	MB	No			12' 9"	3			
08/09/22	MB	No			12' 7"	3			
08/16/22	MB	Liner	W pond NW corner, tear at weld, will repair		12' 6"	3	Yes	0.29	Weld repaired 8/17
08/23/22	MB	No			12' 5"	3			
08/30/22	MB	No			12' 5"	3			
09/06/22	MB	No			12' 4"	3			
09/13/22	MB	No			12' 3"	3			
09/20/22	MB	No			12' 1"	3			
09/27/22	MB	No			11' 11"	3			
10/04/22	MB	Liner	W pond SW corner pin hole		11' 9"	3	Yes	0.6	Pin hole patched 10/7
10/11/22	MB	No			16' 5"	3			
10/18/22	MB	No			16' 10"	3			
10/25/22	MB	No			16' 8"	3			
11/01/22	MB	No			16' 4"	3			
11/08/22	MB	No			17' 5"	3			
11/15/22	MB	No			16' 9"	3			
11/22/22	MB	No			16' 1"	3			
11/29/22	MB	No			16' 9"	3			
12/06/22	MB	No			17' 8"	3	Yes	1.6	
12/13/22	MB	No			17' 8"	3			
12/20/22	MB	No			12' 8"	3			
12/27/22	MB	No			11' 10"	3			

Quarterly Inspection Log - Superman West Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments		(ft)	(ft)	Yes/No	Total Gallons	
01/03/23	MP	No			11' 10"	3			
01/10/23	MB	No			11' 10"	3			
01/17/23	MP	No			11' 9"	3	Yes	1.8	
01/24/23	MB	No			11' 9"	3			
01/31/23	MP	No			11' 7"	3			
02/07/23	MB	No			11' 8"	3			
02/14/23	MP	No			11' 7"	3			
02/21/23	MB	No			11' 7"	3			
02/28/23	MP	No			11' 4"	3			
03/07/23	MB	No			11' 5"	3			
03/14/23	MP	No			11' 4"	3			
03/21/23	MB	No			11' 3"	3			
03/28/23	MP	No			11' 1"	3			
04/04/23	MB	No			10' 12"	3	Yes	2.1	
04/11/23	MP	No			10' 11"	3			
04/18/23	MB	No			10' 9"	3			
04/25/23	MP	No			10' 7"	3			
05/02/23	MB	No			10' 6"	3			
05/09/23	MP	No			10' 5"	3			
05/16/23	MB	No			10' 3"	3	Yes	2	
05/23/23	MP	No			10' 2"	3			
05/30/23	MB	No			13' 1"	3			
06/06/23	MP	No			17' 2"	3			
06/13/23	MB	No			17' 0"	3			
06/20/23	MP	No			16' 8"	3			
06/27/23	MB	No			1' 8"	3			
07/04/23	MP	No			2' 9"	3			
07/11/23	MB	No			12' 3"	3			
07/18/23	MP	No			14' 1"	3			
07/25/23	MB	No			17' 4"	3			
08/01/23	MP	No			17' 1"	3			
08/08/23	MB	No			16' 12"	3			
08/15/23	MP	No			16' 9"	3	Yes	3.6	
08/22/23	MB	No			16' 7"	3			
08/29/23	MP	No			16' 1"	3			
09/05/23	MB	No			15' 11"	3			
09/12/23	MP	Liner	W pond E middle tear, will repair		15' 9"	3	Yes	1.7	Tear fixed 9/15
09/19/23	MB	No			15' 10"	3			
09/26/23	MP	No			15' 8"	3			

Quarterly Inspection Log - Superman West Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments		(ft)	(ft)	Yes/No	Total Gallons	
10/03/23	MB	No			15' 7"	3			
10/10/23	MP	No			15' 5"	3			
10/17/23	MB	No			15' 4"	3			
10/24/23	MP	No			12' 4"	3			
10/31/23	MB	No			14' 0"	3			
11/07/23	MP	No			10' 4"	3			
11/14/23	MB	No			13' 10"	3			
11/21/23	MP	No			15' 11"	3			
11/28/23	MB	No			15' 10"	3			
12/05/23	MP	No			15' 9"	3			
12/12/23	MB	No			15' 8"	3			
12/19/23	MP	No			15' 8"	3			
12/26/23	MB	No			15' 7"	3			
01/02/24	MP	No			15' 7"	3			
01/09/24	MB	No			15' 6"	3			
01/16/24	MP	Liner	W pond NW corner rock, pin hole, will repair		15' 6"	3	Yes	1.3	Pinhole repaired 1/17
01/23/24	MB	No			13' 8"	3			
01/30/24	MP	No			10' 4"	3			
02/06/24	MB	No			10' 5"	3			
02/13/24	MP	No			10' 4"	3			
02/20/24	MB	No			10' 4"	3			
02/27/24	MP	No			10' 3"	3			
03/05/24	MB	No			10' 2"	3			
03/12/24	MP	No			10' 1"	3			
03/19/24	MB	Liner	W pond NW corner pin hole, will repair		9' 12"	3	Yes		Pinhole repaired 3/20
03/26/24	MP	No			9' 10"	3			
04/02/24	MB	No			9' 11"	3			
04/09/24	MP	No			10' 5"	3			
04/16/24	MB	No			10' 5"	3			
04/23/24	MP	No			10' 4"	3			
04/30/24	MB	No			6' 2"	3			
05/07/24	MP	No			9' 12"	3			
05/14/24	MB	No			9' 10"	3			
05/21/24	MP	No			2' 11"	3			
05/28/24	MB	No			2' 5"	3			
06/04/24	MP	No			2' 5"	3			
06/11/24	MB	Liner	W pond S middle pin hole from rock, will repair		1' 8"	3	Yes	1.4	Rock tear repaired 6/12
06/18/24	MP	No			7' 5"	3			
06/25/24	MB	No			8' 3"	3			

Quarterly Inspection Log - Superman West Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments		(ft)	(ft)	Yes/No	Total Gallons	
07/02/24	MP	No			8' 1"	3			
07/09/24	MB	No			7' 11"	3			
07/16/24	MP	No			7' 9"	3			
07/23/24	MB	No				3			
07/30/24	MP	No			8' 9"	3			
08/06/24	MB	No			8' 6"	3	Yes	3.1	
08/13/24	MP	No			8' 4"	3			
08/20/24	MB	No			8' 1"	3			
08/27/24	MP	No			7' 11"	3			
09/03/24	MB	No			7' 10"	3			
09/10/24	MP	No			7' 9"	3			
09/17/24	MB	No			7' 7"	3	Yes	2.9	
09/24/24	MP	No			9' 7"	3			
10/01/24	MB	No			16' 10"	3			
10/08/24	MP	No			16' 11"	3			
10/15/24	MB	No			16' 12"	3			
10/22/24	MP	No			16' 10"	3			
10/29/24	MB	No			16' 10"	3			
11/05/24	MP	No			13' 7"	3			
11/12/24	MB	No			9' 2"	3	Yes	1.8	
11/19/24	MP	No			10' 4"	3			
11/26/24	MB	No			15' 3"	3			
12/03/24	MP	No			16' 10"	3			
12/10/24	MB	No			17' 2"	3			
12/17/24	MP	No			17' 2"	3			
12/24/24	MB	No			16' 5"	3			
12/31/24	MP	No			1' 7"	3			
01/07/25	MB	No			15' 3"	3			
01/14/25	MB	Liner	W pond E tear on weld, will repair		1' 8"	3	Yes	2	Tear fixed 1/17
01/21/25	MB	No			1' 8"	3			
01/28/25	MB	No			1' 8"	3			
02/04/25	MB	No			1' 8"	3			
02/11/25	MB	No			1' 9"	3			
02/18/25	MB	No			1' 8"	3			
02/25/25	MB	No			1' 9"	3			
03/04/25	MB	No			1' 9"	3			
03/11/25	MB	No			1' 9"	3			
03/18/25	MB	No			1' 9"	3			
03/25/25	MB	No			1' 10"	3			



Quarterly Inspection Log - Superman West Pond									
Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot									
Date	Inspector	Weekly Inspection		Monthly Inspection	Fluid Height	Fluid Freeboard	Leak Detection System		Comments
		-Visible oil on water -Visible Liner Tears or Holes -Erosion or Surface Run on		-Dead Wildlife -Leak Detection Volumes			Fluid Visible	Total Gallons	
		Yes / No	Comments		(ft)	(ft)	Yes/No	Total Gallons	
04/01/25	MB	No			1' 10"	3			
04/08/25	MB	No			1' 11"	3			
04/15/25	MB	No				3			
04/22/25	MB	No			5' 5"	3			
04/29/25	MB	No				3			

**Venegas, Victoria, EMNRD**

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**From:** Venegas, Victoria, EMNRD  
**Sent:** Thursday, July 17, 2025 11:01 AM  
**To:** Reed, Timothy M; Bobbi Jo Crain  
**Subject:** 1RF-454 - ZIA HILLS SUPERMAN RECYCLING FACILITY AND CONTAINMENT [FSL2029049637]  
**Attachments:** C-147 1RF-454 - ZIA HILLS SUPERMAN RECYCLING FACILITY AND CONTAINMENT [fSL2029049637] 07.17.2025.pdf

**1RF-454 - ZIA HILLS SUPERMAN RECYCLING FACILITY AND CONTAINMENT [FSL2029049637]**

Good morning Mr. Reed.

The NMOCD has reviewed the annual registration /permit extension request for 1RF-454 - ZIA HILLS SUPERMAN RECYCLING FACILITY AND CONTAINMENT [FSL2029049637], received from [217817] CONOCOPHILLIPS COMPANY on 07/07/2025, Application ID **482124**. The registration/permit extension request is approved with the following conditions of approval:

- 1RF-454 - ZIA HILLS SUPERMAN RECYCLING FACILITY AND CONTAINMENT [FSL2029049637] is approved for one (1) year of operation from the date of the previous registration/permit expiration date of May 28, 2025. The new registration/permit expiration date is May 28, 2026.
- [217817] CONOCOPHILLIPS COMPANY will continue to operate, maintain, and close the for 2RF-1RF-454 - ZIA HILLS SUPERMAN RECYCLING FACILITY AND CONTAINMENT [FSL2029049637] 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.
- [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.
- If less than 20% of the total fluid capacity is utilized every consecutive six months, operation of the facility is considered ceased and a notification of cessation of operations should be sent electronically through OCD Permitting. An extension to extend the cessation of operations, not to exceed six months, may be submitted using a C-147 form to OCD Permitting. If after that 6-month extension period, the containment is not utilized at a minimum of 20% fluid capacity, no additional extensions would be granted, and the operator would be directed to remove all fluids and proceed with the closure requirements.
- The recycling containment is bonded pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC. Water reused and recycled from 1RF-454 - ZIA HILLS SUPERMAN RECYCLING FACILITY AND CONTAINMENT [FSL2029049637] is limited to wells owned or operated by [217817] CONOCOPHILLIPS COMPANY.
- A minimum of 3-feet freeboard must be maintained in the recycling containment at all times.
- [217817] CONOCOPHILLIPS COMPANY 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 for 1RF-454 - ZIA HILLS SUPERMAN RECYCLING FACILITY AND CONTAINMENT [FSL2029049637]. [217817] CONOCOPHILLIPS COMPANY will comply with all other OCD rules.
- [217817] CONOCOPHILLIPS COMPANY must perform weekly inspections of the containment and leak detection system.

- If [217817] CONOCOPHILLIPS COMPANY wishes to extend the registration/permit past May 28, 2026, 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 on a Form C-147, 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 April 28, 2026.

Please let me know if you have any additional questions.  
Best regards,

**Victoria Venegas** ● Environmental Specialist Advanced  
EMNRD - Oil Conservation Division  
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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 479224

CONDITIONS

Operator:  CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID:  217817
	Action Number:  479224
	Action Type:  [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	1RF-454 - ZIA HILLS SUPERMAN RECYCLING FACILITY AND CONTAINMENT [FSL2029049637] is approved for one (1) year of operation from the date of the previous registration/permit expiration date of May 28, 2025. The new registration/permit expiration date is May 28, 2026. If [217817] CONOCOPHILLIPS COMPANY wishes to extend the registration/permit past May 28, 2026, a registration/permit extension request must be submitted to OCD no later than April 28, 2026.	7/17/2025