

3RF-30 -  
SEU 2206 -  
20M FACILITY ID  
[fVF1828850052]  
C-147/Recommencement  
of Operations

[372286] ENDURING  
RESOURCES, LLC  
02/02/2023



ENDURING RESOURCES IV LLC

200 Energy Court Farmington, NM 87401  
Field Office: 505.636.9720 | Main Office: 303.573.1222

Enduring Resources, LLC  
SEU 2206 20M – 3RF-30  
Recycling Facility/Containment  
Commencement of Operations per  
19.15.34 NMAC

New Mexico Oil Conservation Division  
Attn: Victoria Venegas

Enduring Resources is recommencing operations for for the SEU 2206 20M (RF-30) Water Recycling Facility. In accordance with conditions of approval for the facility, this notice is being filed to inform OCD of the field operations to begin operations. The facility was kept full during cessation of operations in line with the conditions of approval of the cessation of operations “[372286] ENDURING RESOURCES, LLC will maintain a liquid level in the containment that is at least equal to the weight of the liner plus 20%. [372286] ENDURING RESOURCES, LLC may maintain a higher liquid level if they choose.”

Due to the facility liquid level being kept at the maximum level, Enduring will not be able to conduct incremental fluid level tests. Enduring has attached the past three months of detailed containment inspections with this notice. The recommencement of operations will not impact the operations and maintenance plans or the closure plans for this facility. Enduring will continue to operate, maintain, and close the facility 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).

Thank you,

Khem Suthiwan  
Regulatory Manager  
Enduring Resources, IV LLC.  
505.636.9723 – Office  
505.497.1115 – Cell

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

\* 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: Enduring Resources IV, LLC (For multiple operators attach page with information) OGRID #: 372286  
Address: 200 Energy Court, Farmington, New Mexico 87401  
Facility or well name (include API# if associated with a well): SEU 2206-20M Water Recycle Facility / Containment  
OCD Permit Number: #3RF-30 (For new facilities the permit number will be assigned by the district office)  
U/L or Qtr/Qtr SE/4 SE/4 Section 20 Township 22N Range 6W County: Sandoval  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.

☒ **Recycling Facility:**  
Location of recycling facility (if applicable): Latitude 36.117776 Longitude -107.488825 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:**  
☐ Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)  
Center of Recycling Containment (if applicable): Latitude 36.117776 Longitude -107.488825 NAD83  
☒ For multiple or additional recycling containments, attach design and location information of each containment  
☒ Lined ☐ Liner type: Thickness 45 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_  
☒ String-Reinforced  
Liner Seams: ☒ Welded ☒ Factory ☐ Other \_\_\_\_\_ Volume: 212,746 bbl Dimensions: L 362' x W 350' x D 25'  
☐ 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 8 foot chain link 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.**

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)**

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): Khem Suthiwan Title: Regulatory Manager

Signature: *Khem Suthiwan* Date: 1/30/2023

e-mail address: ksuthiwan@enduringresources.com Telephone: (303) 350-5721

11.

OCD Representative Signature: *Victoria Venegas* Approval Date: 02/02/2023

Title: Environmental Specialist OCD Permit Number: 3RF-30

☒ OCD Conditions

☒ Additional OCD Conditions on Attachment

Date	Visual inspection conducted:	Notes on Issue found (if any):	Lomas Reuse Pit
<b>January</b>	Y/N		
Week 1: Dec 31- Jan 6			
Week 2: Jan 7-13			
Week 3: Jan 14-20			
Week 4: Jan 21-27			
<b>February</b>			
Week 1: Jan 28-Feb 3			
Week 2: Feb 4-10			
Week 3: Feb 11-17			
Week 4: Feb 18-24			
<b>March</b>			
Week 1: Feb 25- Mar 3			
Week 2: Mar 4-10			
Week 3: Mar 11-17			
Week 4: Mar 18-24			
Week 5: Mar 25-31			
<b>April</b>			
Week 1: April 1-7			
Week 2: April 8-14			
Week 3: April 15-21			
Week 4: April 22-28			
<b>May</b>			
Week 1: April 29-May 5			
Week 2: May 6--12			
Week 3: May 13-19			
Week 4: May 20-26			
Week 5: May 27-June 2			
<b>June</b>			
Week 1: June 3-9			
Week 2: June 10-16			
Week 3: June 17-23	Put in Service		
Week 4: June 24-30	Y		
<b>July</b>			
Week 1: July 1-7	Y		
Week 2: July 8-14	Y		
Week 3: July 15-21	Y		
Week 4: July 22-28	Y		
<b>August</b>			
Week 1: July 29-Aug4	Y		
Week 2: Aug 5-11	Y		
Week 3: Aug 12-18	Y		
Week 4: Aug 19-25	Y		
Week 5: Aug 26-Sept 1	Y		
<b>September</b>			
Week 1: Sept 2-8	Y		
Week 2: Sept 9-15	Y		

Week 3: Sept 16-22	Y	
Week 4: Sept 23-29	Y	
<b>October</b>		
Week 1: Sept 30-Oct 6	Y	
Week 2: Oct 7-13	Y	
Week 3: Oct 14-20	Y	
Week 4: Oct 21-27	Y	
Week 5: Oct 28-Nov 3	Y	
<b>November</b>		
Week 1: Nov 4-10	Y	
Week 2: Nov 11-17	Y	
Week 3: Nov 18-24	Y	
Week 4: Nov 25- Dec 1	Y	
<b>December</b>		
Week 1: Dec 2-8	Y	
Week 2: Dec 9-15	Y	
Week 3: Dec 16-22	Y	
Week 4: Dec 23-29	Y	

Date	Visual inspection conducted:	Notes on Issue found (if any):	Lomas Reuse Pit
<b>January</b>	Y/N		
Week 1: Dec 30- Jan 5	Y		
Week 2: Jan 6-12	Y		
Week 3: Jan 13-19	Y		
Week 4: Jan 20-26	Y		
<b>February</b>	Y/N		
Week 1: Jan 27-Feb 2	Y		
Week 2: Feb 3-9	Y		
Week 3: Feb 10-16	Y		
Week 4: Feb 17-23	Y		
<b>March</b>	Y/N		
Week 1: Feb 24- Mar 2	Y		
Week 2: Mar 3-9	Y		
Week 3: Mar 10-16	Y		
Week 4: Mar 17-23	Y		
Week 5: Mar 24-30	Y		
<b>April</b>	Y/N		
Week 1: March 31-April 6	Y		
Week 2: April 7-13	Y		
Week 3: April 14-20	Y		
Week 4: April 21-27	Y		
<b>May</b>	Y/N		
Week 1: April 28-May 4	Y		
Week 2: May 5-11	Y		
Week 3: May 12-18	Y		
Week 4: May 19-25	Y		
Week 5: May 26-June 1	Y		
<b>June</b>	Y/N		
Week 1: June 2-8	Y		
Week 2: June 9-15	Y		
Week 3: June 16-22	Y		
Week 4: June 23-29	Y		
<b>July</b>	Y/N		
Week 1: June 30-July 6	Y		
Week 2: July 7-13	Y		
Week 3: July 14-20	Y		
Week 4: July 21-27	Y		
<b>August</b>	Y/N		
Week 1: July 28-Aug 3	Y		
Week 2: Aug 4-10	Y		
Week 3: Aug 11-17	Y		
Week 4: Aug 18-24	Y		
Week 5: Aug 25-Aug 31	Y		
<b>September</b>	Y/N		
Week 1: Sept 1-7	Y		
Week 2: Sept 8-14	Y		



Week 3: Sept 15-21	Y	
Week 4: Sept 22-28	Y	
<b>October</b>	Y/N	
Week 1: Sept 29-Oct 5	Y	
Week 2: Oct 6-12	Y	
Week 3: Oct 13-19	Y	
Week 4: Oct 20-26	Y	
Week 5: Oct 27-Nov 2	Y	
<b>November</b>	Y/N	
Week 1: Nov 3-9	Y	
Week 2: Nov 10-16	Y	
Week 3: Nov 17-23	Y	
Week 4: Nov 24- Nov 30	Y	
<b>December</b>	Y/N	
Week 1: Dec 1-Dec 7	Y	
Week 2: Dec 8-14	Y	
Week 3: Dec 15-21	Y	
Week 4: Dec 22-28	Y	

Date	Visual inspection conducted:	Notes on Issue found (if any):	Lomas Reuse Pit
<b>January</b>	Y/N		
Week 1: Dec 29- Jan 4	Y		
Week 2: Jan 5-11	Y		
Week 3: Jan 12-18	Y		
Week 4: Jan 19-25	Y		
<b>February</b>	Y/N		
Week 1: Jan 26-Feb 1	Y		
Week 2: Feb 2-8	Y		
Week 3: Feb 9-15	Y		
Week 4: Feb 16-22	Y		
Week 5: Feb 23- Feb 29	Y		
<b>March</b>	Y/N		
Week 1: Mar 1-7	Y		
Week 2: Mar 8-14	Y		
Week 3: Mar 15-21	Y		
Week 4: Mar 22-28	Y		
<b>April</b>	Y/N		
Week 1: March 29-April 4	N		
Week 2: April 5-11	Y		
Week 3: April 12-18	Y		
Week 4: April 19-25	Y		
Week 5: April 26-May 2	Y		
<b>May</b>	Y/N		
Week 1: May 3-9	Y		
Week 2: May 10-16	Y		
Week 3: May 17-23	Y		
Week 4: May 24-30	Y		
<b>June</b>	Y/N		
Week 1: May 31-Jun 6	Y		
Week 2: June 7-13	Y		
Week 3: June 14-20	Y		
Week 4: June 21-27	Y		
Week 5: June 28- Jul 4	N		
<b>July</b>	Y/N		
Week 1: July 5-July 11	Y		
Week 2: July 12-18	Y		
Week 3: July 19-25	Y		
Week 4: July 26-Aug 1	Y		
<b>August</b>	Y/N		
Week 1: Aug 2-Aug 8	Y		
Week 2: Aug 9-15	Y		
Week 3: Aug 16-22	Y		
Week 4: Aug 23-29	Y		
Week 5: Aug 30-Sept 5	N		
<b>September</b>	Y/N		
Week 1: Sept 6-12	Y		

Week 2: Sept 13-19	Y	
Week 3: Sept 20-26	Y	
Week 4: Sept 27-Oct 3	N	
<b>October</b>	Y/N	
Week 1: Oct 4-Oct 10	Y	
Week 2: Oct 11-17	Y	
Week 3: Oct 18-24	Y	
Week 4: Oct 25-31	Y	
<b>November</b>	Y/N	
Week 1: Nov 1-7	Y	
Week 2: Nov 8-14	Y	
Week 3: Nov 15-21	Y	
Week 4: Nov 22- Nov 28	Y	
<b>December</b>	Y/N	
Week 1: Nov 29-Dec 5	Y	
Week 2: Dec 6-12	Y	
Week 3: Dec 13-19	Y	
Week 4: Dec 20-26	Y	

Date	Visual inspection conducted:	Notes on Issue found (if any):	Lomas Reuse Pit
<b>January</b>	Y/N		
Week 1: Dec 27- Jan 2	N		
Week 2: Jan 3-9	Y		
Week 3: Jan 10-16	Y		
Week 4: Jan 17-23	Y		
Week 5: Jan 24-30	Y		
<b>February</b>			
Week 1: Jan 31-Feb 6	Y		
Week 2: Feb 7-13	Y		
Week 3: Feb 14-20	Y		
Week 4: Feb 21-27	Y		
Week 5: Feb 28- March 6	Y		
<b>March</b>			
Week 1: Mar 7-13	Y		
Week 2: Mar 14-20	Y		
Week 3: Mar 21-27	Y		
Week 4: Mar 28-April 3	N		
<b>April</b>			
Week 1: March 29-April 4	Y		
Week 2: April 4-10	Y		
Week 3: April 11-17	Y		
Week 4: April 18-24	Y		
Week 5: April 25-April 31	Y		
<b>May</b>			
Week 1: May 2-8	Y		
Week 2: May 9-15	Y		
Week 3: May 16-22	Y		
Week 4: May 23-29	Y		
<b>June</b>			
Week 1: May 30-Jun 5	Y		
Week 2: June 6-12	Y		
Week 3: June 13-19	Y		
Week 4: June 20-26	Y		
Week 5: June 27- Jul 3	Y		
<b>July</b>			
Week 1: July 4-July 10	Y		
Week 2: July 11-17	Y		
Week 3: July 18-24	Y		
Week 4: July 25-July 31	Y		
<b>August</b>			
Week 1: Aug 1-7	Y		
Week 2: Aug 8-14	Y		
Week 3: Aug 15-21	Y		
Week 4: Aug 22-28	Y		
Week 5: Aug 29-Sept 4	Y		
<b>September</b>			

Week 1:Sept 5-11	Y	
Week 2: Sept 12-18	Y	
Week 3: Sept 19-25	Y	
Week 4: Sept 26-Oct 2	Y	
<b>October</b>		
Week 1: Oct 3-Oct 9	Y	
Week 2: Oct 10-16	Y	
Week 3:Oct 17-23	Y	
Week 4: Oct 24-30	Y	
<b>November</b>		
Week 1: Oct 31-Nov 6	Y	
Week 2: Nov 7-13	Y	
Week 3: Nov 14-20	Y	
Week 4: Nov 21- Nov 27	Y	
<b>December</b>		
Week 1:Nov 28-Dec 4	Y	
Week 2: Dec 5-11	Y	
Week 3:Dec 12-18	Y	
Week 4: Dec 19-25	Y	
Week 5: Dec 26-Jan 1	Y	

Week Starting Date	Visual inspection conducted	Notes on Issue found (if any):	Lomas Reuse Pit
1/2/2022	Y		
1/9/2022	Y		
1/16/2022	Y		
1/23/2022	Y		
1/30/2022	Y		
2/6/2022	Y		
2/13/2022	Y		
2/20/2022	Y		
2/27/2022	Y		
3/6/2022	Y		
3/13/2022	Y		
3/20/2022	Y		
3/27/2022	Y		
4/3/2022	Y		
4/10/2022	Y		
4/17/2022	Y		
4/24/2022	Y		
5/1/2022	Y		
5/8/2022	Y		
5/15/2022	Y		
5/22/2022	Y		
5/29/2022	Y		
6/5/2022	Y		
6/12/2022	Y		
6/19/2022	Y		
6/26/2022	Y		
7/3/2022	Y		
7/10/2022	Y		
7/17/2022	Y		
7/24/2022	Y		
7/31/2022	Y		
8/7/2022	Y		
8/14/2022	Y		
8/21/2022	Y		
8/28/2022	Y		
9/4/2022	Y		
9/11/2022	Y		
9/18/2022	Y		
9/25/2022	Y		
10/2/2022	Y		
10/9/2022	Y		
10/16/2022	Y		
10/23/2022	Y		
10/30/2022	Y		
11/6/2022	Y		
11/13/2022	Y		
11/20/2022	Y		
11/27/2022	Y		
12/4/2022	Y		
12/11/2022	Y		
12/18/2022	Y		
12/25/2022	Y		

**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 179348

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 179348
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	None	2/2/2023