

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) PCS1830538312

\* 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, LLC (For multiple operators attach page with information) OGRID #: 372286  
Address: 200 Energy Court, Farmington NM, 87401  
Facility or well name (include API# if associated with a well): W Escavada Unit 302H Recycling Facility (30-043-21305)  
OCD Permit Number: 3RF-36 (For new facilities the permit number will be assigned by the district office)  
U/L or Qtr/Qtr P Section 17 Township 22N Range 7W County: Sandoval  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.

☒ **Recycling Facility:**

Location of recycling facility (if applicable): Latitude 36.132980 Longitude -107.589958 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 NMOCD groundwater or surface water.  
☒ Fluid Storage  
☒ Above ground tanks ☐ Recycling containment ☐ Activity permitted under 19.15.17 NMAC explain type OCT 24 2018  
☐ Activity permitted under 19.15.36 NMAC explain type: DISTRICT III ☐ 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 \_\_\_\_\_ Longitude \_\_\_\_\_ NAD83  
☐ For multiple or additional recycling containments, attach design and location information of each containment  
☐ Lined ☐ Liner type: Thickness \_\_\_\_\_ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_  
☐ String-Reinforced  
Liner Seams: ☐ Welded ☐ Factory ☐ Other \_\_\_\_\_ Volume: \_\_\_\_\_ bbl Dimensions: L \_\_\_\_\_ x W \_\_\_\_\_ x D \_\_\_\_\_  
☐ Recycling Containment Closure Completion Date: \_\_\_\_\_

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## Smith, Cory, EMNRD

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**From:** Andrea Felix <AFelix@enduringresources.com>  
**Sent:** Friday, October 26, 2018 8:47 AM  
**To:** Smith, Cory, EMNRD  
**Cc:** James McDaniel  
**Subject:** [EXT] Enduring pending Recycling Facility application information

Hi Cory,

Please see information below as requested for the pending Recycling Facility applications.

### **N Escavada Unit 315H Recycling Facility**

N ESCAVADA UNIT #315H	API 30-043-21888
N ESCAVADA UNIT #316H	API 30-043-21300
N ESCAVADA UNIT #330H	API 30-043-21299
N ESCAVADA UNIT #331H	API 30-043-21298

### **N Escavada Unit 317H Recycling Facility**

N ESCAVADA UNIT #317H	API 30-043-21295
N ESCAVADA UNIT #318H	API 30-043-21301

### **W Escavada Unit 302H Recycling Facility**

W ESCAVADA UNIT #302H	API 30-043-21305
W ESCAVADA UNIT #303H	API 30-043-21306
W ESCAVADA UNIT #304H	API 30-043-21307

If there is anything else you need please don't hesitate to reach out.

Thank you,

**Andrea R Felix, RWA**

Regulatory Manager  
Enduring Resources  
200 Energy Court  
Farmington, NM 87401  
Office: 505-636-9741  
Cell: 505-386-8205



**NMOCB**  
**OCT 26 2018**  
**DISTRICT III**

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

☐ Yes ☐ No  
☐ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

☐ Yes ☐ No  
☐ NA

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

Within the area overlying a subsurface mine.

☐ Yes ☐ No

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

Within an unstable area.

☐ Yes ☐ No

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

Within a 100-year floodplain. FEMA map

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

☐ Yes ☐ No

- Visual inspection (certification) of the proposed site; aerial photo; satellite image

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

☐ Yes ☐ No

- NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site

Within 500 feet of a wetland.

☐ Yes ☐ No

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



9.

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

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

- ☐ Design Plan - based upon the appropriate requirements.  
☒ Operating and Maintenance Plan - based upon the appropriate requirements.  
☐ Closure Plan - based upon the appropriate requirements.  
☐ Site Specific Groundwater Data -  
☐ Siting Criteria Compliance Demonstrations -  
☒ Certify that notice of the C-147 (only) has been sent to the surface owner(s)

10.

**Operator Application Certification:**

I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief.

Name (Print): James McDaniel Title: HSE Supervisor  
 Signature: [Signature] Date: 10/24/2018  
 e-mail address: jmcDaniel@eduringresources.com Telephone: 505-636-9731

11.

OCD Representative Signature: [Signature] Approval Date: 11/1/18

Title: Environmental Spec OCD Permit Number: 3RF-36

- ☐ OCD Conditions  
☐ Additional OCD Conditions on Attachment

# **Operations and Maintenance Plan**

## **W Escavada Unit 302H Recycling Facility**



**Enduring Resources, LLC**  
**200 Energy Court**  
**Farmington, New Mexico 87401**

*Prepared by:*  
**James McDaniel**  
**HSE Supervisor**

**Introduction**

This Operations and Maintenance (O&M) plan is designed to meet the requirements of NMAC 19.15.34, which outlines the requirements for a recycling facility. Enduring Resources, LLC (Enduring) will operate this recycling facility in accordance with the following O&M plan.

**Operations and Maintenance Plan**

1. Enduring will inspect the recycling facility for leaks on a weekly basis, documenting any issues discovered.
2. Enduring will maintain a record of both produced water and fresh water into the facility, and document the location of the 'disposition' of the water. Enduring will report the volumes of water into the facility and out of the facility on a monthly basis to the NMOCD, as detailed in 19.15.34.9.E & F NMAC.
3. Enduring will maintain operations in a manner that will afford reasonable protection against contamination of freshwater.
4. All releases of produced water from the facility will be handled in accordance with 19.15.29 NMAC.
5. The facility will not be used for the disposal of produced water
6. Enduring will remove all fluids within 60 days from the date operation of the facility ceases.
7. A closure report for the recycling facility will be submitted on Form C-147 within 60 days for the water being removed from the recycling facility.