

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
☒ Modification
☐ Closure

☐ Registration
☐ Extension
☐ Other (explain)

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* 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, New Mexico 87401
Facility or well name (include API# if associated with a well): W Escavada Unit 300H
OCD Permit Number: 3RF-42 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr A 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 36.14847 Longitude -107.589762 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 36.143847 Longitude -107.589762 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 Double lined 30 mil secondary

☒ String-Reinforced

Liner Seams: ☒ Welded ☐ Factory ☐ Other Volume: 50,000 bbl Dimensions: Radius 189.5' x Height 11'

☐ Recycling Containment Closure Completion Date:

NMOC

MAY 24 2019

DISTRICT III

5

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. *Attached design plan section modification to install 2 additional 50,000 AST's on location*
- ☐ 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): Andrea Felix Title: Regulatory Manager
Signature: Andrea Felix by April E. Boh Date: 5/24/2019
e-mail address: afelix@enduringresources.com Telephone: 505-386-8205

11.

OCD Representative Signature:  Approval Date: 6/5/19

Title: Environmental Spec. OCD Permit Number: 3RF-42

- ☐ OCD Conditions _____
- ☐ Additional OCD Conditions on Attachment _____



Enduring Resources IV, LLC
WEU 300H Recycling Facility / Containment
#3RF-42
Modification
5.24.19

Modification: Installation of 2 additional AST's as described below.

Currently onsite:

1- 50,000 bbl AST consisting of a 45-mil LLDPE string reinforced primary liner resistant to UV light, petroleum hydrocarbons, salt and acidic/alkaline solutions and covers the bottom sides of the pit including the three (3) feet of freeboard. The secondary liner is a 30 mil LLDPE liner.

Modification to add additional AST's onsite:

2- additional 50,000 bbl AST's with each consisting of a 45-mil LLDPE string reinforced primary liner resistant to UV light, petroleum hydrocarbons, salt and acidic/alkaline solutions and covers the bottom sides of the pit including the three (3) feet of freeboard. The secondary liner is a 30 mil LLDPE liner.

The existing AST will be identified as AST A with the new AST's being identified as AST B & AST C. Please see attached drawing identify each AST.



**Enduring Resources IV, LLC's W Escavada Unit 300H Water Storage Area Diagram
Section 17, T22N, R7W, NMPM Sandoval County, New Mexico**

