

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) _____

* 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): NEU 2207-16B Water Recycle Facility
OCD Permit Number: 3RF-28 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr NW/4 NE/4 Section 16 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 36.144262 Longitude -107.576376 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 36.144262 Longitude -107.576376 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: 309,800 bbl Dimensions: L 360 x W 360 x D 20
☐ Recycling Containment Closure Completion Date: _____

From: [Smith, Cory, EMNRD](#)
To: ["Lacey Granillo"](#)
Cc: [James McDaniel](#); [Tim Friesenhahn](#); [Alex Campbell](#); [Casey Haga](#); [Makena Felix](#); [Heather Huntington](#); [Robert Winkler](#); [David Rogers](#); [April Pohl](#)
Subject: RE: Recycling Containment Extension Requests
Date: Friday, January 31, 2020 1:38:00 PM

Lacey,

OCD has approved the 3 Below extension request for the determination of cessation of operations at the Recycling facilities. The below facilities must meet the operation requirements of 19.15.34 NMAC no later than July 1, 2020

Per the rule No further extensions will be granted from the Division District Office, any further extension will have to be approved through hearing.

IF the recycling facilities do not meet the operation requirements on July 1, 2020 and no further extensions have been granted the Operator must commence closure of the facilities per the approved permit.

The signed extension request can be found in the respective 3RF Files.

NEU 2207 16B – 3RF-28
WLU 2309 24N – 3RF-29
KWU 2309 19K – 3RF-43

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Lacey Granillo <LGranillo@enduringresources.com>
Sent: Tuesday, January 7, 2020 11:43 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: James McDaniel <JMcDaniel@enduringresources.com>; Tim Friesenhahn <TFriesenhahn@enduringresources.com>; Alex Campbell <ACampbell@enduringresources.com>; Lacey Granillo <LGranillo@enduringresources.com>; Casey Haga <CHaga@enduringresources.com>; Makena Felix <mfelix@enduringresources.com>; Heather Huntington <HHuntington@enduringresources.com>; Robert Winkler <RWinkler@enduringresources.com>; David Rogers <DRogers@enduringresources.com>; April Pohl <APohl@enduringresources.com>
Subject: [EXT] Recycling Containment Extension Requests

Good afternoon Cory,

Please see attached the C147 extensions for the below mentioned containments. The surface owner will also be provided a copy.

- Recycling Water Containment Extension- NEU 2207 16B
- Recycling Water Containment Extension- WLU 2309 24N
- Recycling Water Containment Extension- KWU 2309 19K

Thank you,

Lacey Granillo

Permitting Specialist

Enduring Resources

200 Energy Ct

Farmington NM 87401

(O) 505-636-9743

(C) 505-947-1704

lgranillo@enduringresources.com



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' Tall Chain Link Fencing

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): Lacey Granillo Title: Permitting SpecialistSignature:  Date: 1/7/20e-mail address: lgranillo@enduringresources.com Telephone: 505-636-9743

11.

OCD Representative Signature:  Approval Date: 1/31/2020Title: Environmental Specialist OCD Permit Number: 3RF-28

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

NEU 2207 16B

The NEU 2207 16B Recycling Containment, Permit Number 3RF-28, will likely not meet the 20% usage requirement for the last 6 months, due to a shutdown of the Enduring drilling and completion program in the 3rd quarter of 2019. The last date water was used for beneficial use from this containment was 8/29/2019, making the cessation of operation date for closure 2/7/2020. Enduring Resources is requesting a 6 month extension to the 2/7/2020 cessation deadline, as permitted in NMAC 9.15.34.13(C). Enduring is planning on resuming drilling and completion activities near the end of the 1st quarter of 2020, well before the 8/29/2020 cessation date that would be allowed by the approval of this 6 month extension request.