



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pCS1826341898

3RF - 28

ENDURING RESOURCES, LLC

10/19/2018

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: _____

UNOCB

OCT 18 2018

DISTRICT III

7

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

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): Andrea Felix Title: Regulatory Manager

Signature:  Date: 10-18-2018

e-mail address: afelix@enduringresources.com Telephone: 505-386-8205

11.

OCD Representative Signature:  Approval Date: 10/19/18

Title: Environmental Spec OCD Permit Number: 3RF-28

- ☐ OCD Conditions
☒ Additional OCD Conditions on Attachment



ENDURING RESOURCES

200 Energy Court • Farmington, New Mexico 87401
Telephone (505) 636-9741 Fax (505) 334-1979

October 18, 2018

NMOCD
District 3
1000 Rio Brazos Road
Aztec, NM 87410

Attention: Cory Smith

Re: Enduring Resources IV, LLC NEU 2207-16B Water Recycling Facility / Containment
OCD permit Number: 3RF-28 *Variance Request*

Mr. Smith:

Enduring Resources IV, LLC is respectfully requesting a temporary variance to the already approved variance as outlined in 19.15.34.12.D NMAC regarding fencing requirements.

This variance request will provide equal or better protection of fresh water, public health and the environment by implementing the below listed actions as described below.

Enduring would like to begin introducing produced water into the recycling containment prior to the permanent fence construction completion which is estimated to take 10 days to complete. Enduring is proposing to implement a 24/7 designated containment watch guard to patrol the containment and document patrols until the permanent fence construction is complete. In addition to the 24/7 designated containment watch guard Enduring will also install a temporary field fence around the containment itself to remain intact until after the permanent fence construction is complete.

If you have any questions or need additional information please feel free to contact me at afelix@enduringresources.com or 505-386-8205.

Thank you for your consideration of this request.


Andrea Felix, RWA
Regulatory Manager

Smith, Cory, EMNRD

From: Smith, Cory, EMNRD
Sent: Friday, October 19, 2018 9:55 AM
To: 'Andrea Felix'
Cc: Fields, Vanessa, EMNRD; Powell, Brandon, EMNRD; 'Lacey Granillo'; 'Tommy Joyce'; Perrin, Charlie, EMNRD; 'Mike McCormick'; 'Brian Bell'; 'Klint Gideon'; 'Jacob Ellis'; Powell, Brandon, EMNRD
Subject: RE: [EXT] RE: Enduring NEU 2207-16B Water Recycling Facility and Containment assigned 3RF-28

Andrea,

The OCD has received Enduring's modification to the NEU 2207-16B Recycling Facility (3RF-28) on October 18, 2018. After review the OCD has approved the temporary request with the following conditions of approval.

- OCD has approved Enduring's Temporary request until November 2, 2018

After November 2, 2018 the pond must be completely fenced as described in the original Permit application. The approved modification will be signed and placed into queue for scanning.

Thanks,

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: Smith, Cory, EMNRD
Sent: Wednesday, October 17, 2018 3:56 PM
To: 'Andrea Felix' <AFelix@enduringresources.com>
Cc: Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; Lacey Granillo <LGranillo@enduringresources.com>; Tommy Joyce <TJoyce@enduringresources.com>; Perrin, Charlie, EMNRD <charlie.perrin@state.nm.us>; Mike McCormick <MMcCormick@enduringresources.com>; Brian Bell <BBell@enduringresources.com>; Klint Gideon <KGideon@enduringresources.com>; Jacob Ellis <JEllis@enduringresources.com>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>
Subject: RE: [EXT] RE: Enduring NEU 2207-16B Water Recycling Facility and Containment assigned 3RF-28

Andrea,

Per our phone conversation, please send in the permit modification requesting the temporary variance.

Thanks,

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: Andrea Felix <AFelix@enduringresources.com>

Sent: Wednesday, October 17, 2018 3:03 PM

To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>

Cc: Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; Lacey Granillo <LGranillo@enduringresources.com>; Tommy Joyce <TJoyce@enduringresources.com>; Mike McCormick <MMcCormick@enduringresources.com>; Brian Bell <BBell@enduringresources.com>; Klint Gideon <KGideon@enduringresources.com>; Jacob Ellis <JEllis@enduringresources.com>

Subject: [EXT] RE: Enduring NEU 2207-16B Water Recycling Facility and Containment assigned 3RF-28

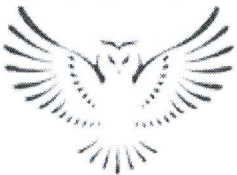
Good afternoon,

Our team has been busy working to complete construction on this Recycling Facility / Containment so that it can be utilized as soon as possible for our slick water completion program. The containment itself will be ready to receive water by EOB tomorrow 10-18-2018 and our fence is under construction. Would it be acceptable if we implement a 24/7 designated containment watch while the fence is being constructed in order to begin trucking in produced water into the containment? Our construction team is estimating the fence construction timeline to be 10 days.

Thank you,

Andrea R Felix, RWA

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



From: Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]

Sent: Thursday, September 20, 2018 12:09 PM

To: James McDaniel <JMcDaniel@enduringresources.com>

Cc: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>; Andrea Felix <AFelix@enduringresources.com>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>

Subject: Enduring NEU 2207-16B Water Recycling Facility and Containment assigned 3RF-28

Mr. McDaniel

OCD has received the Recycling facility and Containment for Enduring NEU 2207-16B Water Recycling Facility submitted on September 11, 2018. After subsequent Enduring submissions and OCD review the registration has been approved with the following conditions of approval:

- Enduring will construct a sump as describe in the Design plan (But not in the signed Engineering documents) and will meet all the requirements of 19.15.34.12 NMAC
- Enduring will submit an as built engineering diagram of the completed recycling containment within 90 days of construction completion.

The NEU 2207-16B Water Recycling Facility has been assigned as Permit/Registration Number 3RF-28. Please take note of the Permit/Registration number, as this will be what Enduring uses on form C-148 to account for produce water usage. You may review your permit at OCD Online by searching for 3RF-28. As a Reminder Since Enduring indicated that the facility is covered under bonding Pursuant to 19.15.8 NMAC, This containment use is limited to **ONLY** the wells owned or operated by Enduring.

The application has been sent up for scanning and should appear in the online data base soon. If you have any questions please give me a call.

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