

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) Recommencement of Operations - Incremental Fluid Test

* 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: Tascosa Energy Partners, LLC. (For multiple operators attach page with information) OGRID #: 329748
Address: 901 W. Missouri Ave., Midland, TX 79701
Facility or well name (include API# if associated with a well): Catalina Containment
OCD Permit Number: 2RF-157 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr E Section 30 Township 20S Range 27E County: Eddy
Surface Owner: ☐ Federal ☒ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.

☒ **Recycling Facility:**

Location of recycling facility (if applicable): Latitude 32.546820 Longitude -104.32684 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 32.547427 Longitude -104.326842 NAD83

☒ For multiple or additional recycling containments, attach design and location information of each containment

☒ Lined ☐ Liner type: Thickness 40 & 60 mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____

☐ String-Reinforced

Liner Seams: ☒ Welded ☐ Factory ☐ Other _____ Volume: _____ bbl Dimensions: See attachment _____

☐ 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 Game fence to protect terrestrial wildlife

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): Alyssa McNear Title: Engineering Manager
Signature: *Alyssa McNear* Date: 11/23/2021
e-mail address: adavanzo@tascosaep.com Telephone: 720-244-4417

11.

OCD Representative Signature: Victoria Venegas **Approval Date:** 12/08/2021

Title: Environmental Specialist **OCD Permit Number:** 2RF-157

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

Tascosa Energy Partners

Catalina Containment

Quarterly Inspection Log Sheet - Containment

Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot						
Inspection	Inspector	Describe any		Report Fluid	Leak	Comments
Date	(Initials)	1. Tear of Liner 2. Break in Berms and Run-on of Stormwater 3. Dead Wildlife 4. Oil on Fluid		Freeboard	Detection System Functioning (yes/no)	
5-1-21		None Observed	Yes Describe	1 FT	Yes/NO	NO Fluid
7-1-21		None Observed	Yes Describe	1 FT	Yes/NO	NO Fluid
8-1-21		None Observed	Yes Describe	1 FT	Yes/NO	NO Fluid
9-1-21		None Observed	Yes Describe	1 FT	Yes/NO	NO Fluid
10-1-21		None Observed	Yes Describe	1 FT	Yes/NO	NO Fluid
10-21-21		None Observed	Yes Describe	1 FT	Yes/NO	Start Filling pit w/ Fresh water
10-22-21		None Observed	Yes Describe	2 FT	Yes/NO	NO Fluid / checking ever 20,000 lbs
10-23-21		None Observed	Yes Describe	2 1/2	Yes/NO	NO Fluid / Cont Filling Recycling Pit w/ FW
10-24-21		None Observed	Yes Describe	3-0	Yes/NO	"
10-25-21		None Observed	Yes Describe	3-1/2	Yes/NO	"
10-26-21		None Observed	Yes Describe	4-0	Yes/NO	"
10-27-21		None Observed	Yes Describe	4-1/2	Yes/NO	"
10-28-21		None Observed	Yes Describe	5-0	Yes/NO	"
10-29-21		None Observed	Yes Describe	5-1/2	Yes/NO	"

Weekly inspections consist of:

- reading and recording the fluid height of staff gauges,
- recording any evidence that the pond surface shows visible oil,
- visually inspecting the containment's exposed liners
- checking the leak detection system for any evidence of a loss of integrity of the primary liner.
- inspect diversion ditches and berms around the containment to check for erosion and collection of surface water run-on.
- inspect the leak detection system for evidence of damage or malfunction and monitor for leakage.

Monthly, the operator will:

- Inspect the containment for dead migratory birds and other wildlife. Within 30 days of discovery, report the discovery of dead migratory birds or other wildlife to the appropriate wildlife agency and to the division district office in order to facilitate assessment and implementation of measures to prevent incidents from reoccurring.
- Report to the division the total volume of water received for recycling, with the amount of fresh water received listed separately, and the total volume of water leaving the facility for disposition by use on form C-148.
- Record sources and disposition of all recycled water.

Tascosa Energy Partners

Catalina Containment

Quarterly Inspection Log Sheet - Containment

Inspect weekly while fluids present (>1 foot); Monthly when fluids <1 foot

Inspection Date	Inspector (Initials)	Describe any 1. Tear of Liner 2. Break in Berms and Run-on of Stormwater 3. Dead Wildlife 4. Oil on Fluid	Report Fluid Freeboard	Leak Detection System Functioning (yes/no)	Comments
10-30-21	BK	None Observed	Yes Describe	6-0'	Yes/No NO Fluid / Cont Filling Recycling Pit
10-31-21	BK	None Observed	Yes Describe	7-0'	Yes/No NO Fluid / "
11-1-21	BK	None Observed	Yes Describe	7-0'	Yes/NO NO Fluid / Stop Filling Frac Pit
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		
		None Observed	Yes Describe		

Weekly inspections consist of:

- reading and recording the fluid height of staff gauges,
- recording any evidence that the pond surface shows visible oil,
- visually inspecting the containment's exposed liners

Monthly, the operator will:

- Inspect the containment for dead migratory birds and other wildlife. Within 30 days of discovery, report the discovery of dead migratory birds.

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 64431

CONDITIONS

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 64431
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	NMOCD has reviewed the determination of the recommencement of operations for 2RF-157 - CATALINA CONTAINMENT, FACILITY ID [fVV2107455458], received from [329748] Tascosa Energy Partners, L.L.C on December 1, 2021. • [329748] Tascosa Energy Partners, L.L.C must recycle at least 20% of the recycling containment total fluid capacity of produced water within six months after December 8, 2021, to be considered in operations. • [329748] Tascosa Energy Partners, L.L.C will continue to operate, maintain, and close the 2RF-157 - CATALINA CONTAINMENT, FACILITY ID [fVV2107455458] in compliance with 19.15.34 NMAC, to include but not limited to: detailed inspection records, removal of trash/oil from containment, and monthly C-148 reporting	12/8/2021