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-144
Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action: ☐ Below grade tank registration
☐ Permit of a pit or proposed alternative method
BGT1 ☒ Closure of a pit, below-grade tank, or proposed alternative method
☐ Modification to an existing permit/or registration
☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please 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: Epic Energy, LLC OGRID #: 372834
Address: 332 Road 3100, Aztec, NM 87410
Facility or well name: Lindrith #110
API Number: 30-039-06589 OCD Permit Number:
U/L or Qtr/Qtr H Section 10 Township 26N Range 07W County: Rio Arriba
Center of Proposed Design: Latitude 36.5030289 Longitude -107.5565338 NAD83
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no
☐ Lined ☐ Unlined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other Volume: bbl Dimensions: L x W x D

3.
☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: 120 bbl Type of fluid: Produced Water
Tank Construction material: Fiberglass
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☒ Visible sidewalls only ☐ Other
Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other

4.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*
☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution, or church)*
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☒ Alternate. Please specify

6.
Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☐ Other_____

☐ Monthly inspections (If netting or screening is not physically feasible)

7.
Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☒ Signed in compliance with 19.15.16.8 NMAC

8.
Variances and Exceptions:
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.
Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . 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. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. **(Does not apply to below grade tanks)** - 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. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lakebed, sinkhole, wetland, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 300 feet from a occupied 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 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 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 private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
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

10.
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☒ Below-grade Tank ☐ Multi-well Fluid Management Pit ☐ Alternative

Proposed Closure Method:
- ☐ Waste Excavation and Removal
- ☒ Waste Removal (Closed-loop systems only)
- ☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
  - ☐ In-place Burial ☐ On-site Trench Burial
- ☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 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 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
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
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral 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

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

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

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.
OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)

Report

OCD Representative Signature: Jaclyn Burdine **Approval Date:** 01/03/2023

Title: Environmental Specialist-A **OCD Permit Number:** BGT1

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ **Closure Completion Date: 12/20/2022**

20.
Closure Method:

☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ☒ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☒ Disposal Facility Name and Permit Number
- ☐ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ☐ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 36.5030289 Longitude -107.5565338 NAD: ☐ 1927 ☒ 1983

22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Shawna Martinez Title: Regulatory Specialist

Signature: Shawna Martinez Date: 1/3/2023

e-mail address: shawna@walsheng.net Telephone: 505-327-4892

Shawna Martinez

From: Shawna Martinez
Sent: Friday, December 9, 2022 11:50 AM
To: Nelson.Velez@state.nm.us
Cc: John Hampton Jr; Vern Andrews; Arleen Smith
Subject: Lindrith #110 API # 30-039-06589

Good Morning,

Walsh Engineering is providing 48-hour notification for the confirmation sampling on the Lindrith #110. This is scheduled for Tuesday December 13th, 2022 @10:30am..

30-039-06589 LINDRITH #110 [320949]

General Well Information

Operator:	[372834] EPIC ENERGY, L.L.C.
Status:	Active
Well Type:	Gas
Work Type:	New
Surface Location:	H-10-26N-07W 1650 FNL 820 FEL
Lat/Long:	36.5030289,-107.5565338 NAD83
GL Elevation:	6668
KB Elevation:	
DF Elevation:	

Proposed Formation and/or Notes

Thank You,

WALSH ENGINEERING & PRODUCTION CORP.
Shawna Martinez
Regulatory Specialist
Walsh Engineering | Epic Energy, LLC
O:505-327-4892 | C:505-635-9042
shawna@walsheng.net

Shawna Martinez

From: Shawna Martinez
Sent: Friday, December 9, 2022 11:42 AM
To: Victoria.Venegas@state.nm.us; Burdine, Jaclyn, EMNRD; Abiodun Adeloye
Cc: John Hampton Jr; Vern Andrews; Arleen Smith
Subject: 72 Hour Notification BGT Removal Lindrith #110 API# 30-039-06589

Good Morning,

Walsh Engineering is providing 72-hour notification for the removal of the BGT on the Lindrith #110. This is scheduled for Tuesday December 13th, 2022 @10:30am.

30-039-06589 LINDRITH #110 [320949]

General Well Information

Operator:	[372834] EPIC ENERGY, L.L.C.
Status:	Active
Well Type:	Gas
Work Type:	New
Surface Location:	H-10-26N-07W 1650 FNL 820 FEL
Lat/Long:	36.5030289,-107.5565338 NAD83
GL Elevation:	6668
KB Elevation:	
DF Elevation:	

Thank You,

WALSH ENGINEERING & PRODUCTION CORP.
Shawna Martinez
Regulatory Specialist
Walsh Engineering | Epic Energy, LLC
O:505-327-4892 | C:505-635-9042
shawna@walsheng.net

Report to:

John Hampton Jr.

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Epic Energy

Project Name:	Lindrith #110
Work Order:	E212071
Job Number:	18012-0006
Received:	12/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/20/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/20/22

John Hampton Jr.
7415 Main Street
Farmington, NM 87402

Project Name: Lindrith #110
Workorder: E212071
Date Received: 12/13/2022 3:47:00PM

John Hampton Jr.,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2022 3:47:00PM, under the Project Name: Lindrith #110.

The analytical test results summarized in this report with the Project Name: Lindrith #110 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Epic Energy	Project Name:	Lindrith #110	Reported:
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/22 11:14

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Lindrith #110 BGT Closure	E212071-01A	Soil	12/13/22	12/13/22	Glass Jar, 4 oz.
	E212071-01B	Soil	12/13/22	12/13/22	Glass Jar, 4 oz.

Sample Data

Epic Energy	Project Name:	Lindrith #110	
7415 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/2022 11:14:34AM

Lindrith #110 BGT Closure

E212071-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2251041
Acetone	ND	1.00	1	12/14/22	12/14/22	
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Bromobenzene	ND	0.0250	1	12/14/22	12/14/22	
Bromochloromethane	ND	0.0250	1	12/14/22	12/14/22	
Bromodichloromethane	ND	0.0250	1	12/14/22	12/14/22	
Bromoform	ND	0.0250	1	12/14/22	12/14/22	
Bromomethane	ND	0.100	1	12/14/22	12/14/22	
n-Butyl Benzene	ND	0.0250	1	12/14/22	12/14/22	
sec-Butylbenzene	ND	0.0250	1	12/14/22	12/14/22	
tert-Butylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Carbon Tetrachloride	ND	0.0250	1	12/14/22	12/14/22	
Chlorobenzene	ND	0.0250	1	12/14/22	12/14/22	
Chloroethane	ND	0.100	1	12/14/22	12/14/22	
Chloroform	ND	0.250	1	12/14/22	12/14/22	
Chloromethane	ND	0.100	1	12/14/22	12/14/22	
2-Chlorotoluene	ND	0.0250	1	12/14/22	12/14/22	
4-Chlorotoluene	ND	0.0250	1	12/14/22	12/14/22	
Dibromochloromethane	ND	0.0250	1	12/14/22	12/14/22	
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.100	1	12/14/22	12/14/22	
1,2-Dibromoethane (EDB)	ND	0.0500	1	12/14/22	12/14/22	
Dibromomethane	ND	0.0250	1	12/14/22	12/14/22	
1,2-Dichlorobenzene	ND	0.0250	1	12/14/22	12/14/22	
1,3-Dichlorobenzene	ND	0.0250	1	12/14/22	12/14/22	
1,4-Dichlorobenzene	ND	0.0250	1	12/14/22	12/14/22	
Dichlorodifluoromethane (Freon-12)	ND	0.100	1	12/14/22	12/14/22	
1,1-Dichloroethane	ND	0.0250	1	12/14/22	12/14/22	
1,2-Dichloroethane	ND	0.0250	1	12/14/22	12/14/22	
1,1-Dichloroethene	ND	0.0250	1	12/14/22	12/14/22	
cis-1,2-Dichloroethene	ND	0.0250	1	12/14/22	12/14/22	
trans-1,2-Dichloroethene	ND	0.0250	1	12/14/22	12/14/22	
1,2-Dichloropropane	ND	0.0250	1	12/14/22	12/14/22	
1,3-Dichloropropane	ND	0.0250	1	12/14/22	12/14/22	
2,2-Dichloropropane	ND	0.0250	1	12/14/22	12/14/22	
1,1-Dichloropropene	ND	0.0250	1	12/14/22	12/14/22	
cis-1,3-Dichloropropene	ND	0.0250	1	12/14/22	12/14/22	
trans-1,3-Dichloropropene	ND	0.0250	1	12/14/22	12/14/22	
Diisopropyl Ether (DIPE)	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Ethyl tert-Butyl Ether (ETBE)	ND	0.0250	1	12/14/22	12/14/22	
Hexachlorobutadiene	ND	0.100	1	12/14/22	12/14/22	
2-Hexanone	ND	0.500	1	12/14/22	12/14/22	
Isopropylbenzene	ND	0.0250	1	12/14/22	12/14/22	
4-Isopropyltoluene	ND	0.0250	1	12/14/22	12/14/22	
2-Butanone (MEK)	ND	1.00	1	12/14/22	12/14/22	
Methylene Chloride	ND	0.100	1	12/14/22	12/14/22	

envirotech Inc.

Sample Data

Epic Energy	Project Name:	Lindrith #110	
7415 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/2022 11:14:34AM

Lindrith #110 BGT Closure

E212071-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2251041
1-Methylnaphthalene	ND	0.200	1	12/14/22	12/14/22	
2-Methylnaphthalene	ND	0.200	1	12/14/22	12/14/22	
4-Methyl-2-pentanone (MIBK)	ND	0.500	1	12/14/22	12/14/22	
Methyl tert-Butyl Ether (MTBE)	ND	0.0250	1	12/14/22	12/14/22	
Naphthalene	ND	0.100	1	12/14/22	12/14/22	
n-Propyl Benzene	ND	0.0250	1	12/14/22	12/14/22	
Styrene	ND	0.0250	1	12/14/22	12/14/22	
tert-Amyl Methyl ether (TAME)	ND	0.0250	1	12/14/22	12/14/22	
1,1,1,2-Tetrachloroethane	ND	0.0250	1	12/14/22	12/14/22	
1,1,2,2-Tetrachloroethane	ND	0.0250	1	12/14/22	12/14/22	
Tetrachloroethene	ND	0.0250	1	12/14/22	12/14/22	
1,2,3-Trichlorobenzene	ND	0.100	1	12/14/22	12/14/22	
1,2,4-Trichlorobenzene	ND	0.100	1	12/14/22	12/14/22	
1,1,1-Trichloroethane	ND	0.0250	1	12/14/22	12/14/22	
1,1,2-Trichloroethane	ND	0.0250	1	12/14/22	12/14/22	
Trichloroethene	ND	0.0250	1	12/14/22	12/14/22	
Trichlorofluoromethane (Freon-11)	ND	0.100	1	12/14/22	12/14/22	
1,2,3-Trichloropropane	ND	0.0500	1	12/14/22	12/14/22	
1,2,4-Trimethylbenzene	ND	0.100	1	12/14/22	12/14/22	
1,3,5-Trimethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
Vinyl chloride	ND	0.100	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	*97.0 %*	*70-130*		*12/14/22*	*12/14/22*	
Surrogate: 1,2-Dichloroethane-d4	*96.2 %*	*70-130*		*12/14/22*	*12/14/22*	
Surrogate: Toluene-d8	*101 %*	*70-130*		*12/14/22*	*12/14/22*	

envirotech Inc.

Sample Data

Epic Energy	Project Name:	Lindrith #110	
7415 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/2022 11:14:34AM

Lindrith #110 BGT Closure

E212071-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2251041
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	*97.0 %*	*70-130*		*12/14/22*	*12/14/22*	
Surrogate: 1,2-Dichloroethane-d4	*96.2 %*	*70-130*		*12/14/22*	*12/14/22*	
Surrogate: Toluene-d8	*101 %*	*70-130*		*12/14/22*	*12/14/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2251039
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane	*111 %*	*50-200*		*12/14/22*	*12/15/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2251021
Chloride	ND	20.0	1	12/15/22	12/19/22	

QC Summary Data

Epic Energy	Project Name:	Lindrith #110	**Reported:**
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/2022 11:14:34AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2251041-BLK1)									Prepared: 12/14/22 Analyzed: 12/15/22
Acetone	ND	1.00							
Benzene	ND	0.0250							
Bromobenzene	ND	0.0250							
Bromochloromethane	ND	0.0250							
Bromodichloromethane	ND	0.0250							
Bromoform	ND	0.0250							
Bromomethane	ND	0.100							
n-Butyl Benzene	ND	0.0250							
sec-Butylbenzene	ND	0.0250							
tert-Butylbenzene	ND	0.0250							
Carbon Tetrachloride	ND	0.0250							
Chlorobenzene	ND	0.0250							
Chloroethane	ND	0.100							
Chloroform	ND	0.250							
Chloromethane	ND	0.100							
2-Chlorotoluene	ND	0.0250							
4-Chlorotoluene	ND	0.0250							
Dibromochloromethane	ND	0.0250							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.100							
1,2-Dibromoethane (EDB)	ND	0.0500							
Dibromomethane	ND	0.0250							
1,2-Dichlorobenzene	ND	0.0250							
1,3-Dichlorobenzene	ND	0.0250							
1,4-Dichlorobenzene	ND	0.0250							
Dichlorodifluoromethane (Freon-12)	ND	0.100							
1,1-Dichloroethane	ND	0.0250							
1,2-Dichloroethane	ND	0.0250							
1,1-Dichloroethene	ND	0.0250							
cis-1,2-Dichloroethene	ND	0.0250							
trans-1,2-Dichloroethene	ND	0.0250							
1,2-Dichloropropane	ND	0.0250							
1,3-Dichloropropane	ND	0.0250							
2,2-Dichloropropane	ND	0.0250							
1,1-Dichloropropene	ND	0.0250							
cis-1,3-Dichloropropene	ND	0.0250							
trans-1,3-Dichloropropene	ND	0.0250							
Diisopropyl Ether (DIPE)	ND	0.0250							
Ethylbenzene	ND	0.0250							
Ethyl tert-Butyl Ether (ETBE)	ND	0.0250							
Hexachlorobutadiene	ND	0.100							
2-Hexanone	ND	0.500							
Isopropylbenzene	ND	0.0250							
4-Isopropyltoluene	ND	0.0250							
2-Butanone (MEK)	ND	1.00							
Methylene Chloride	ND	0.100							
1-Methylnaphthalene	ND	0.200							
2-Methylnaphthalene	ND	0.200							
4-Methyl-2-pentanone (MIBK)	ND	0.500							
Methyl tert-Butyl Ether (MTBE)	ND	0.0250							
Naphthalene	ND	0.100							
n-Propyl Benzene	ND	0.0250							
Styrene	ND	0.0250							
tert-Amyl Methyl ether (TAME)	ND	0.0250							
1,1,1,2-Tetrachloroethane	ND	0.0250							
1,1,2,2-Tetrachloroethane	ND	0.0250							
Tetrachloroethene	ND	0.0250							
1,2,3-Trichlorobenzene	ND	0.100							
1,2,4-Trichlorobenzene	ND	0.100							
1,1,1-Trichloroethane	ND	0.0250							
1,1,2-Trichloroethane	ND	0.0250							
Trichloroethene	ND	0.0250							
Trichlorofluoromethane (Freon-11)	ND	0.100							
1,2,3-Trichloropropane	ND	0.0500							
1,2,4-Trimethylbenzene	ND	0.100							

QC Summary Data

Epic Energy	Project Name:	Lindrith #110	**Reported:**
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/2022 11:14:34AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2251041-BLK1)									Prepared: 12/14/22 Analyzed: 12/15/22
1,3,5-Trimethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
Vinyl chloride	ND	0.100							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			
LCS (2251041-BS1)									Prepared: 12/14/22 Analyzed: 12/14/22
Benzene	2.38	0.0250	2.50		95.2	70-130			
Bromodichloromethane	2.33	0.0250	2.50		93.2	70-130			
Chlorobenzene	2.44	0.0250	2.50		97.6	70-130			
Chloroethane	1.88	0.100	2.50		75.2	20-160			
Chloroform	2.95	0.250	2.50		118	70-130			
4-Chlorotoluene	2.44	0.0250	2.50		97.4	70-130			
1,1-Dichloroethene	2.07	0.0250	2.50		82.6	61-133			
trans-1,2-Dichloroethene	2.24	0.0250	2.50		89.4	70-130			
1,3-Dichloropropane	2.45	0.0250	2.50		98.2	70-130			
1,1-Dichloropropene	2.35	0.0250	2.50		94.1	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Ethyl tert-Butyl Ether (ETBE)	2.15	0.0250	2.50		86.0	65-135			
2-Hexanone	5.55	0.500	5.00		111	34-181			
4-Isopropyltoluene	2.27	0.0250	2.50		90.9	70-132			
2-Butanone (MEK)	4.31	1.00	5.00		86.2	10-184			
Methyl tert-Butyl Ether (MTBE)	4.09	0.0250	5.00		81.8	70-130			
1,1,1,2-Tetrachloroethane	2.34	0.0250	2.50		93.4	70-130			
1,2,4-Trichlorobenzene	2.25	0.100	2.50		90.0	70-137			
Trichloroethene	2.47	0.0250	2.50		98.7	70-130			
1,2,3-Trichloropropane	1.97	0.0500	2.50		78.7	70-130			
1,2,4-Trimethylbenzene	2.36	0.100	2.50		94.2	70-130			
Toluene	2.44	0.0250	2.50		97.7	70-130			
o-Xylene	2.35	0.0250	2.50		93.9	70-130			
p,m-Xylene	4.67	0.0500	5.00		93.4	70-130			
Total Xylenes	7.02	0.0250	7.50		93.6	70-130			
Surrogate: Bromofluorobenzene	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS Dup (2251041-BSD1)									Prepared: 12/14/22 Analyzed: 12/14/22
Benzene	2.59	0.0250	2.50		104	70-130	8.51	23	
Bromodichloromethane	2.54	0.0250	2.50		102	70-130	8.60	23	
Chlorobenzene	2.65	0.0250	2.50		106	70-130	8.42	26	
Chloroethane	1.99	0.100	2.50		79.4	20-160	5.46	28	
Chloroform	3.19	0.250	2.50		127	70-130	7.61	23	
4-Chlorotoluene	2.62	0.0250	2.50		105	70-130	7.38	30	
1,1-Dichloroethene	2.19	0.0250	2.50		87.5	61-133	5.78	26	
trans-1,2-Dichloroethene	2.52	0.0250	2.50		101	70-130	12.0	25	
1,3-Dichloropropane	2.66	0.0250	2.50		107	70-130	8.17	23	
1,1-Dichloropropene	2.58	0.0250	2.50		103	70-130	9.26	26	
Ethylbenzene	2.67	0.0250	2.50		107	70-130	7.39	27	
Ethyl tert-Butyl Ether (ETBE)	2.46	0.0250	2.50		98.6	65-135	13.6	25	
2-Hexanone	6.28	0.500	5.00		126	34-181	12.5	25	
4-Isopropyltoluene	2.48	0.0250	2.50		99.1	70-132	8.72	35	
2-Butanone (MEK)	4.84	1.00	5.00		96.8	10-184	11.6	28	
Methyl tert-Butyl Ether (MTBE)	4.62	0.0250	5.00		92.4	70-130	12.2	25	
1,1,1,2-Tetrachloroethane	2.55	0.0250	2.50		102	70-130	8.76	26	
1,2,4-Trichlorobenzene	2.49	0.100	2.50		99.6	70-137	10.1	39	
Trichloroethene	2.68	0.0250	2.50		107	70-130	8.35	25	
1,2,3-Trichloropropane	2.12	0.0500	2.50		84.6	70-130	7.25	26	

envirotech Inc.

QC Summary Data

Epic Energy	Project Name:	Lindrith #110	**Reported:**
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/2022 11:14:34AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
LCS Dup (2251041-BSD1)						Prepared: 12/14/22 Analyzed: 12/14/22			
1,2,4-Trimethylbenzene	2.54	0.100	2.50		102	70-130	7.74	31	
Toluene	2.61	0.0250	2.50		104	70-130	6.50	24	
o-Xylene	2.53	0.0250	2.50		101	70-130	7.30	27	
p,m-Xylene	5.05	0.0500	5.00		101	70-130	7.70	27	
Total Xylenes	7.57	0.0250	7.50		101	70-130	7.57	27	
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.517*		*0.500*		*103*	*70-130*			

QC Summary Data

Epic Energy	Project Name:	Lindrith #110	**Reported:**
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/2022 11:14:34AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2251041-BLK1)									Prepared: 12/14/22 Analyzed: 12/14/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*70-130*			
LCS (2251041-BS2)									Prepared: 12/14/22 Analyzed: 12/14/22
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
LCS Dup (2251041-BSD2)									Prepared: 12/14/22 Analyzed: 12/14/22
Gasoline Range Organics (C6-C10)	58.5	20.0	50.0		117	70-130	10.7	20	
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			

QC Summary Data

Epic Energy	Project Name:	Lindrith #110	**Reported:**
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/2022 11:14:34AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2251039-BLK1)									Prepared: 12/14/22 Analyzed: 12/14/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.6*		*50.0*		*107*	*50-200*			
LCS (2251039-BS1)									Prepared: 12/14/22 Analyzed: 12/14/22
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			
Matrix Spike (2251039-MS1)				**Source: E212075-06**					Prepared: 12/14/22 Analyzed: 12/14/22
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	*52.0*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2251039-MSD1)				**Source: E212075-06**					Prepared: 12/14/22 Analyzed: 12/14/22
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132	0.993	20	
Surrogate: n-Nonane	*51.4*		*50.0*		*103*	*50-200*			

QC Summary Data

Epic Energy	Project Name:	Lindrith #110	**Reported:**
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/2022 11:14:34AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2251021-BLK1)									Prepared: 12/13/22 Analyzed: 12/16/22
Chloride	ND	20.0							
LCS (2251021-BS1)									Prepared: 12/13/22 Analyzed: 12/16/22
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2251021-MS1)				**Source: E212066-01**					Prepared: 12/13/22 Analyzed: 12/16/22
Chloride	831	200	250	621	84.0	80-120			
Matrix Spike Dup (2251021-MSD1)				**Source: E212066-01**					Prepared: 12/13/22 Analyzed: 12/16/22
Chloride	847	200	250	621	90.4	80-120	1.89	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

envirotech Inc.

Definitions and Notes

Epic Energy	Project Name:	Lindrith #110	
7415 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	John Hampton Jr.	12/20/22 11:14

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

Page 1 of 1

Client:	Epic Energy
Project:	Lindrith #110
Project Manager:	John Hampton Jr
Address:	
City, State, Zip	
Phone:	816-877-7847
Email:	Jhampton@Walsheng.net
Report due by:	

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#	Job Number
E212071	18012-0006

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
1030	12-13-22	Soil	2	Lindrith #110 BGT closure	1	X	X	X	X		X	In cooler

Additional Instructions: Shawna@walsheng.net

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-13-22	3:45		12/13/22	15:47
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 12/13/2022 4:06:00PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Epic Energy	Date Received:	12/13/22 15:47	Work Order ID:	E212071
Phone:	(505) 327-4892	Date Logged In:	12/13/22 16:03	Logged In By:	Caitlin Christian
Email:	jdhampton@walsheng.net	Due Date:	12/20/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Clay Green
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

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-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Epic Energy LLC	OGRID 372834
Contact Name Shawna Martinez	Contact Telephone 505-327-4892
Contact email Shawna@walsheng.net	Incident # *(assigned by OCD)*
Contact mailing address 332 Rd 3100, Aztec, NM 87410	

Location of Release Source

Latitude 36.5030289 Longitude -107.5565338
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lindrith #110	Site Type Gas
Date Release Discovered N/A	API# *(if applicable)* 30-039-06589

Unit Letter	Section	Township	Range	County
H	10	26N	07W	Rio Arriba

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: No release occured

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☐ The source of the release has been stopped.
☐ The impacted area has been secured to protect human health and the environment.
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Shawna Martinez Title: Regulatory Specialist

Signature: Shawna Martinez Date: 1-3-2023

email: Shawna@walsheng.net Telephone: 505-327-4892

OCD Only

Received by: Date:

EPIC Energy, LLC

Below Grade Tank Closure Plan

Lindrith #110

U/L: H, Section 10, TWN: 26N. RNG: 07W

Rio Arriba County, New Mexico

As stipulated in Rule 19 .15 .17 .13 NMAC, the following information adheres to the requirements established in closing below-grade tanks (BGTs) on EPIC Energy L.L.C well sites. This plan will address the standard protocols and procedures for closure of BGTs.

EPIC Energy L.L.C proposes to close its existing BGTs that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or are not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC in accordance with this closure plan and the transitional provisions of Subsection E of 19.15.17.17 NMAC, or within five (5) years after the effective date (June 16, 2008) of 19.15.17 NMAC.

The following outline addresses all requirements for closure of EPIC Energy L.L.C BGTs:

1. Prior notification of EPIC Energy L.L.C intent to close the BGT will follow 19.15.17.13J (I) & (2).

    a. EPIC Energy L.L.C will notify the surface owner by certified mail, return receipt requested, of closure plans. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records is enough to demonstrate compliance with this requirement.

    b. notification will also be given to the division District III office verbally or by other means at least 72 hours, but not more than one (1) week, prior to any closure operation. The notice will include the operator's name and the well's name, number, and API number, in addition to the well's legal description, including the unit letter, section, township, and range.

    Notice was provided to the NMOCD District III office and the Farmington NM BLM Office. Attached is a copy of the notification.

2. EPIC Energy L.L.C will remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD's division-approved facility. A list of EPIC Energy L.L.C approved disposal facilities is below:

Fluid disposal:

Agua Moss

Sunco well #1

U/L=E, SWNW, Section 2, T29N-Rl2W San Juan, New Mexico

Permit #NM-01-0009

Basin Disposal Inc.

Basin Disposal well # 1

U/L=F, SWNW, Section 3, T29N-Rl 1 W San Juan, New Mexico

Permit #NM-01-0005

Solid disposal: **Envirotech Land Farm**

Disposal Facility

Section 6, T26N-R10W, County Road #7175 San Juan, New Mexico

Permit #NM-01-0011

All liquids that were in the BGT were removed and sent to one of their referenced Division approved faculties.

3. EPIC Energy L.L.C will remove the BGT from the pit and place it at ground level adjacent to the original BGT site and dispose of it in a NMOCD approved facility or recycle, reuse, or reclaim it in a manner that the NMOCD approved. If a liner is present and must be disposed of it will be cleaned and disposed oat a permitted solid waster facility, pursuant to Subparagraph (m) of Paragraph (1) of Subsection C of 19.15.35.8 NMAC.

The BGT was transported for recycling,

4. EPIC Energy L.L.C will hook up necessary equipment and piping for temporary tank use. At this time, any on-site equipment not necessary to the operation of the tank will be removed from the site.

All equipment associated with the BGT removal has been removed.

5. EPIC Energy L.L.C will test the soils beneath the original BGT location to determine whether a release has occurred. At a minimum, a five (5) point composite sample will be collected in addition to individual grab samples from areas that are wet, discolored, or showing other evidence of a release. The samples will be analyzed for BTEX, TPH, and chlorides to demonstrate that they do not exceed certain concentrations. The testing methods and closure standards for those constituents are as follows:

Analytical results came back non-detect for hydrocarbons and chlorides. Chloride results were Non-Detect. An OCD nor BLM representative was not onsite to witness the removal of the BGT and sampling.

Constituents	Testing Method	Closure Standards (mg/Kg)
Benzene	US EPA SW-846 methods 8021B or 8260B	0.2
total BTEX	US EPA SW-846 methods 8021B or 8260B	50
TPH	US EPA method 418.1	100
Chlorides	US EPA method 300.1	250 or background

Notes: mg/Kg= milligram per kilogram; BTEX = benzene, toluene, ethylbenzene, and total xylenes; TPH = total petroleum hydrocarbons. Other EPA methods that the division approves may be applied to all constituents listed. The Chlorides closure standards will be determined by whichever concentration level is greatest.

6. EPIC Energy L.L.C will notify the division District III office of the soil test results on Form C-141. It is understood that the NMOCD may require additional delineation upon review of the results.

A C-141 is attached for Closure demonstrating a release did not occur on the Lindrith 110.

7. If it is determined that a release has occurred, then EPIC Energy L.L.C will comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

A C-141 is attached for Closure demonstrating a release did not occur on the Lindrith 110.

8. I f the confirmation sampling demonstrates that a release has not occurred or that any release does not exceed the concentrations specified above, then EPIC Energy L.L.C will backfill the · excavation with compacted, non-waste containing, earthen material; construct a division prescribed soil cover; re-contour the site; and move the fiberglass tank onto the newly backfilled and compacted site. The division-prescribed soil cover, re-contouring, and re-vegetation requirements shall comply with Subsections G, H, and I of 19.15.17.13

NMAC.

The area has been backfilled and will be reclaimed once the well has been plugged and abandoned.

9.Reclamation will follow 19.15.17.130 (1) and (2).

a. The BGT location and all areas associated with the BGT, including associated access roads, if applicable, will be reclaimed to a safe and stable condition that blends with the surrounding undisturbed area. It is understood that EPIC Energy L.L.C shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Subsection H of 19 .15 .1 7 .13 NMA C and re-contour the location and associated areas to a contour that approximates the original contour and blends with the surrounding topography.

b. Re-vegetation will not be completed at the time the BGT pit is reclaimed but will instead be applied for as part of the P&A process when the well is plugged and abandoned.

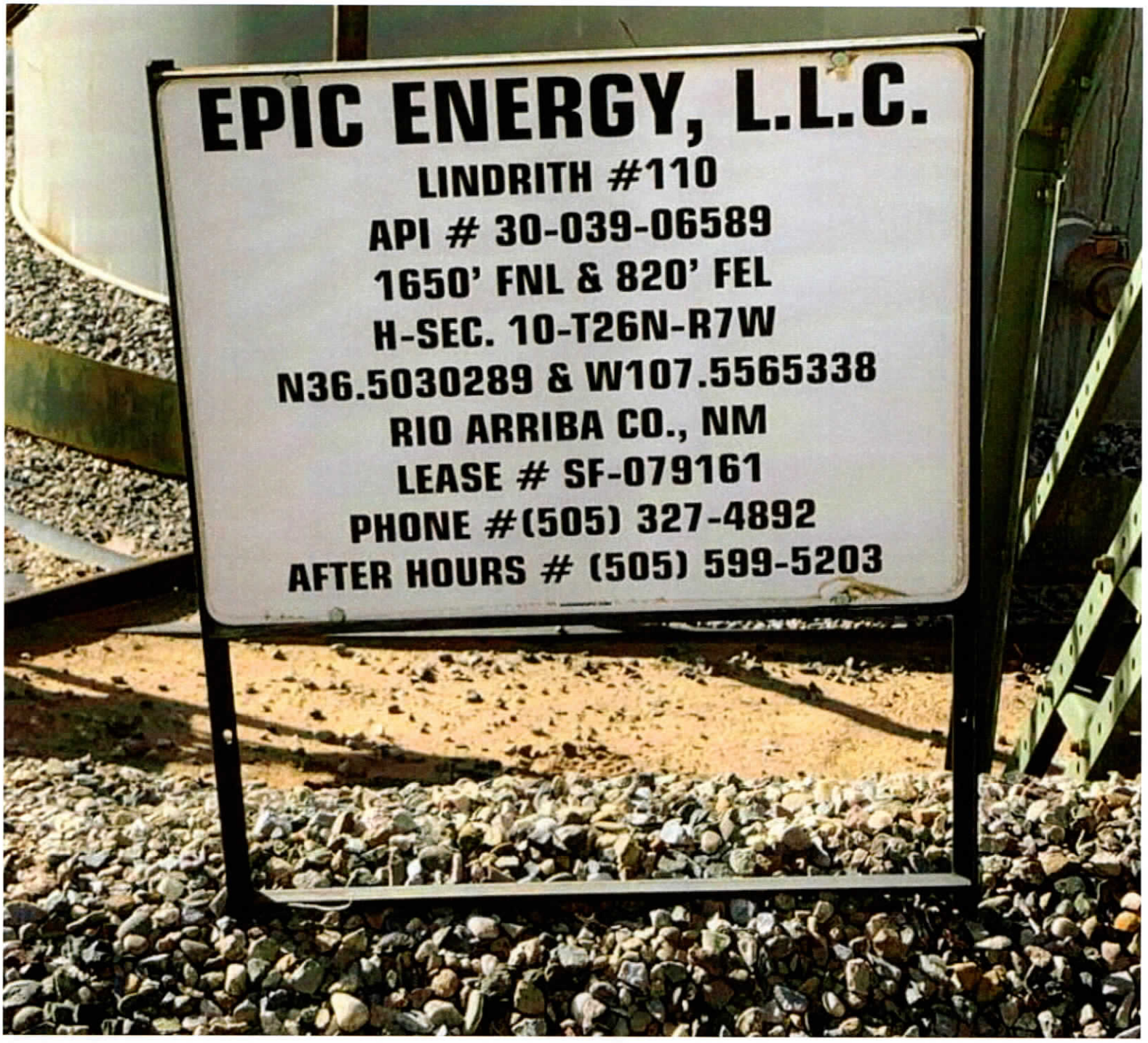
10.Soil cover will follow 19.15.17.13H (1) and (3).

a. The soil cover for closures where the BGT has been removed or contaminated soil has been remediated to the NMOCD's satisfaction will consist of the background thickness of topsoil or one (1) foot of suitable material to establish vegetation at the site, whichever is greater.

b. The soil cover will be constructed to the site's existing grade, and all possible efforts will be conducted to prevent ponding of water and erosion of the cover material.

The area has been backfilled and will be reclaimed once the well has been plugged and abandoned.

11.Within 60 days of closure completion, EPIC Energy L.L.C will submit a closure report on NMOCD's Form C-144, with necessary attachments to document all closure activities, including sampling results; information required by 19.15.17 NMAC; and details on backfilling, capping, and covering, where applicable. EPIC Energy L.L.C will certify that all information in the report and attachments is correct and that EPIC Energy L.L.C has complied with all applicable closure requirements and conditions specified in the approved closure plan.


EPIC ENERGY, L.L.C.
LINDRITH #110
API # 30-039-06589
1650' FNL & 820' FEL
H-SEC. 10-T26N-R7W
N36.5030289 & W107.5565338
RIO ARRIBA CO., NM
LEASE # SF-079161
PHONE #(505) 327-4892
AFTER HOURS # (505) 599-5203

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

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 171584
	Action Type: [C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By	Condition	Condition Date
jburdine	None	1/3/2023