

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	1/28/2025	
Media Program:	Water	
Regulatory Program(s)	Clean Water Act	
Company Name:	Cornerstone Energy, LLC	
Facility Name:	Careyville Landing Tank Battery	
Facility Physical Location:	Latitude: 33.26661 Longitude: -92.31838	
(city, state, zip code)	El Dorado, AR, 71730	
Mailing address:	1997 Col. 34	
(city, state, zip code)	Magnolia, AR 71753	
County/Parish:	Union County	
Facility Phone Number	870-8310-4254	
Facility Contact:	Mark C. Thomas markdonnat@gmail.com	
FRS Number:	NA	
Identification/Permit Number:	ARU002292	
Media Identifier Number:	NA	
NAICS:	211111	
SIC:	1311	
Personnel participating in inspection:		
Michael Blaha (lead)	EPA/Region 6 ECDW	Enforcement Officer/Inspector
Kerri McCabe	EPA/Region 6 ECDW	Enforcement Officer/Inspector
EPA Lead Inspector Signature/Date		
	Michael Blaha	Date
Supervisor Signature/Date		
	Jeanne Eckhart	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspectors Michael Blaha and Kerri McCabe arrived at Cornerstone Energy, LLC – Careyville Landing Tank Battery, located off Highway 63 (33.26661, -92.31838) at 4:16 PM on January 28, 2025, for an unannounced inspection. No facility representatives were present at the time of the inspection. The inspection was conducted by the authority of the Clean Water Act (CWA) to determine compliance with Environmental Protection Agency (EPA) regulations. There were no other federal, state, or local agency representatives present at the time of the inspection.

FACILITY DESCRIPTION

EPA conducted an inspection on the Cornerstone Energy, LLC – Careyville Landing Tank Battery, which consists of three (3) separators, four (4) crude storage tanks, and two (2) saltwater tanks.

Section II - OBSERVATIONS

I observed the facility sign, secondary containment, pipes, valves, and storage tanks located at the facility; see Appendix 1 (photo log), photo No. 1 and No. 2. For additional GPS location and photo metadata, see Appendix 1.

I observed a cut into the secondary containment berm allowing crude oil and produced water to release outside of containment, see photo No. 3.

I observed the pool of water impacted by the crude oil and produced water outside of containment, see photo No. 4.

I observed loose oil outside of secondary containment, see photo No. 5.

I observed an unnamed tributary north of the facility. I measured a Total Dissolved Solids (TDS) value of 23 mg/L for the unnamed tributary, see photo No. 6 through photo No. 8.

I observed a pool of water also north of the facility. I measured a TDS value of 55,895 mg/L for the pool of water, see photo No. 9 through photo No. 11.

I observed fresh sand covering the loose crude oil inside secondary containment, see photo No. 12.

I observed a leaking tank valve near the cut in the secondary containment berm, see photo No. 13.

The TDS field readings were taken with a properly calibrated, EPA issued, YSI Pro 30 conductivity meter.

Section III – AREAS OF CONCERN

No closing conference was held due to no Cornerstone Energy, LLC staff being present during the inspection. Areas of concern at the time of the inspection include the cut in the secondary containment berm, loose crude oil outside of secondary containment, and produced water outside of secondary containment.

Section IV – FOLLOW UP

Inspector will conduct follow-up phone calls with the company representatives over the coming weeks and months to ensure areas of concern are properly addressed.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 13 photos taken on 1/28/2025

Appendix 1

Photograph Log

13 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010468

Orientation: N

Date of Photo: 1/28/2025

Time of Photo: 4:22 PM

Latitude: 33.26661

Longitude: -92.31838

Photographer: Michael Blaha

Description: This photo was taken looking north and shows the facility sign.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010469

Orientation: N

Date of Photo: 1/28/2025

Time of Photo: 4:23 PM

Latitude: 33.266472

Longitude: -92.318392

Photographer: Michael Blaha

Description: This photo was taken looking north and shows an overview of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010470

Orientation: E

Date of Photo: 1/28/2025

Time of Photo: 4:25 PM

Latitude: 33.266672

Longitude: -92.318339

Photographer: Michael Blaha

Description: This photo was taken looking east and shows a cut in the berm releasing crude oil and produced water outside of secondary containment.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010471

Orientation: SE

Date of Photo: 1/28/2025

Time of Photo: 4:26 PM

Latitude: 33.266805

Longitude: -92.318348

Photographer: Michael Blaha

Description: This photo was taken looking southeast and shows the pool of water containing loose oil and produced water near the cut in the berm.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010472

Orientation: W

Date of Photo: 1/28/2025

Time of Photo: 4:27 PM

Latitude: 33.266843

Longitude: -92.31835

Photographer: Michael Blaha

Description: This photo was taken looking west and shows loose oil outside of secondary containment.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010474

Orientation: NA

Date of Photo: 1/28/2025

Time of Photo: 4:53 PM

Latitude: 33.267168

Longitude: -92.318412

Photographer: Michael Blaha

Description: This photo was taken showing a Total Dissolved Solids reading of 23 mg/L in the nonimpacted unnamed tributary north of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010475

Orientation: NW

Date of Photo: 1/28/2025

Time of Photo: 4:53 PM

Latitude: 33.267168

Longitude: -92.318412

Photographer: Michael Blaha

Description: This photo was taken looking NW showing the unnamed tributary north of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010476

Orientation: NE

Date of Photo: 1/28/2025

Time of Photo: 4:53 PM

Latitude: 33.267198

Longitude: -92.31838

Photographer: Michael Blaha

Description: This photo was taken looking NE showing the unnamed tributary north of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010477

Orientation: NA

Date of Photo: 1/28/2025

Time of Photo: 4:57 PM

Latitude: 33.26652

Longitude: -92.318672

Photographer: Michael Blaha

Description: This photo was taken showing a Total Dissolved Solids reading of 55,895 mg/L in the impacted pool of water north of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010478

Orientation: E

Date of Photo: 1/28/2025

Time of Photo: 4:57 PM

Latitude: 33.266522

Longitude: -92.318682

Photographer: Michael Blaha

Description: This photo was taken looking east showing the pool of water north of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010479

Orientation: NW

Date of Photo: 1/28/2025

Time of Photo: 4:57 PM

Latitude: 33.266538

Longitude: -92.318703

Photographer: Michael Blaha

Description: This photo was taken looking northwest showing the pool of water north of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010480

Orientation: W

Date of Photo: 1/28/2025

Time of Photo: 5:00 PM

Latitude: 33.266558

Longitude: -92.31838

Photographer: Michael Blaha

Description: This photo was taken looking west and shows loose oil inside secondary containment with sand added on top.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

Location: 33.26661, -92.31838		
City: El Dorado	County/Parish: Union	State: Arkansas



Photo File Name: R0010481

Orientation: N

Date of Photo: 1/28/2025

Time of Photo: 5:00 PM

Latitude: 33.266582

Longitude: -92.318275

Photographer: Michael Blaha

Description: This photo was taken looking north and shows an active leak from the tank valve as well as loose oil inside secondary containment.