

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	03/10/2025	
Media Program:	Water	
Regulatory Program(s)	Clean Water Act-National Pollution Discharge Elimination System (Brine)	
Company Name:	Calgary Energy, LLC	
Facility Name:	Tidal Osage 1 Lease	
Facility Physical Location:	Latitude: 36.539472, Longitude: -96.402133	
(city, state, zip code)	Hominy, OK, 74035	
Mailing address:	4444 E. 146 th St. N	
(city, state, zip code)	Skiatook, OK, 74070	
County/Parish:	Tulsa	
Facility Phone Number	918-798-4510	
Facility Contact:	Blaine Haag	Co-Owner
	bhaag.calgaryenergyllc@gmail.com	
FRS Number:	n/a	
Identification/Permit Number:	OKU000893	
Media Identifier Number:	n/a	
NAICS:	211111	
SIC:	1311	
Personnel participating in inspection:		
Matthew Allen	EPA/Region 6 ECDW	Inspector
EPA Lead Inspector Signature/Date		
	Matthew Allen	Date
Supervisor Signature/Date		
	Jeanne Eckhart	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 Inspector, Matthew Allen, arrived at the Calgary Energy, LLC / Tidal Osage 1 Lease (EPA ID No. OKU000893) at 9:45 AM on 3/10/2025 for an unannounced inspection. There were no company representatives present during the inspection. This was an EPA inspection in response to a National Response Center Spill Report (NRC No. 1425305) which was received by EPA Region 6. The inspection was conducted by the authority of the Clean Water Act (CWA) to determine compliance with Environmental Protection Agency (EPA) regulations. There was no other federal, state, or local agency representative present at the time of the inspection.

FACILITY DESCRIPTION

EPA conducted an inspection at the Calgary Energy, LLC, Tidal Osage 1 Lease where a power failure resulted in the saltwater storage tanks to overflowing, filling the secondary containment, ultimately releasing produced water (brine) into Little Hominy Creek. The NRC Spill Report stated approximately 800 barrels of saltwater was released with a company reported 10 barrels reaching Little Hominy Creek.

Section II - OBSERVATIONS

I observed the Release Point of the spill, the Tidal Osage 1 lease water station, which can be seen in Appendix 1 (photo log) photo No. 1. At the time of the inspection, the floor of the facility was heavily stained with oil and some free oil was pooled in the lower areas inside the secondary containment. For additional GPS location information and photo metadata, please see Appendix 1 (photo log) attached to this report.

I observed a portion of the flowpath along the east and south sides of the facility. Crystallized salt from the released brine was present along the flowpath. Along the base of the south and west containment berm, brine saturated soil indicated the secondary containment was not sufficiently impervious to contain spilled fluids inside the facility. See photos No. 2 & 3.

I observed a TDS field reading of 233.8 mg/L immediately upstream from the Point of Entry (POE) into Little Hominy Creek. This TDS observation should be used when considering the background TDS levels in the area. See photo No. 4.

At the POE into Little Hominy Creek, I observed a TDS field reading of 199.7 mg/L. Little Hominy Creek had substantial in-stream flow at the time of the inspection. See photo No. 5.

From the POE, I observed the upstream (photo No. 6) and downstream (photo No. 7) view of Little Hominy Creek.

Section III – AREAS OF CONCERN

The primary areas of concern during the inspection were the brine impacted soil and vegetation along the overland flowpath, the oil inside the secondary containment and the insufficient secondary containment berm surrounding the facility which allowed spilled fluid to migrate through the berm, ultimately impacting Little Homing Creek.

Section IV – FOLLOW UP

EPA inspector conducted a follow-up call with Calgary Energy representative Blaine Haag after the inspection.

EPA inspector also conducted a field meeting with Blaine and Connor Haag of Calgary Energy, LLC at the facility on 3/11/2025

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 7 photos taken 3/10/2025

There are no additional appendices.

Appendix 1

Photograph Log 7 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.539472, -96.402133		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010588

Orientation: NW

Date of Photo: 3/10/2025

Time of Photo: 9:52 AM

Latitude: 36.539472

Longitude: -96.402133

Photographer: Matthew Allen

Description: This was the floor and secondary containment of the Tidal Osage 1 water station. Oil staining represents the high-water mark which occurred during the spill.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.539472, -96.402133		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010589

Orientation: WSW

Date of Photo: 3/10/2025

Time of Photo: 9:53 AM

Latitude: 36.539472

Longitude: -96.402133

Photographer: Matthew Allen

Description: This was a view to the west of the flowpath, from the east side of the Tidal Osage 1 water station, along the south side of the facility. The spill migrated SW along the road until it spilled into Little Hominy Creek



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.539472, -96.402133		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010590

Orientation: SSW

Date of Photo: 3/10/2025

Time of Photo: 9:54 AM

Latitude: 36.539472

Longitude: -96.402133

Photographer: Matthew Allen

Description: This was the flowpath from the east side of the Tidal Osage 1 water station. The spill migrated SW along the road until it spilled into Little Hominy Creek. White crystalized salt can be seen along the pictured section of the flowpath.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 36.539472, -96.402133		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010591

Orientation: NW

Date of Photo: 3/10/2025

Time of Photo: 10:12 AM

Latitude: 36.539081

Longitude: -96.402255

Photographer: Matthew Allen

Description: This was a TDS field reading of 233.8 mg/L observed immediately upstream from the Point of Entry (POE) into Little Hominy Creek. This should be used when considering background TDS levels for Little Hominy Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 36.539472, -96.402133		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010592

Orientation: NA

Date of Photo: 3/10/2025

Time of Photo: 10:16 AM

Latitude: 36.539105

Longitude: -96.402462

Photographer: Matthew Allen

Description: This was a TDS field reading of 199.7 mg/L observed at the POE into Little Hominy Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 36.539472, -96.402133		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010593

Orientation: SE

Date of Photo: 3/10/2025

Time of Photo: 10:17 AM

Latitude: 36.539105

Longitude: -96.402462

Photographer: Matthew Allen

Description: Standing at the POE with a SE or upstream view of Little Hominy Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 36.539472, -96.402133		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010594

Orientation: SW

Date of Photo: 3/10/2025

Time of Photo: 10:17 AM

Latitude: 36.539105

Longitude: -96.402462

Photographer: Matthew Allen

Description: Standing at the POE with a SW/downstream view of Little Hominy Creek.