

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	03/11/2025	
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: 36.538962, Longitude: -96.397667	
(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 10:00 AM on 03/11/2025 for an unannounced inspection. Calgary Energy, LLC employees, Toby Jones, Mick Raab, Blaine Haag and Connor Haag were present for portions of the inspection. This was an EPA inspection in response to a landowner complaint as well as a National Response Center Spill Report (NRC No. 1425812) 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 3-inch steel flowline ruptured releasing a company estimated 350 barrels of saltwater and 2.5 barrel of crude oil onto the ground. The spilled fluid migrated south into an unnamed tributary, then west eventually impacting Little Hominy Creek.

Section II - OBSERVATIONS

I observed the Release Point of the spill which was a 3-inch steel flowline which ruptured due to corrosion. See photo No. 1. For additional GPS location information and photo metadata, please see Appendix 1 (photo log) attached to this report.

I observed the overland flowpath of the spill. Beginning at the release point, spill impacts migrated southeast approximately 50 feet along a drainage feature, toward an unnamed tributary of Little Hominy Creek. See photo No. 2.

I observed the Point of Entry into the unnamed tributary. At this same location I observed a TDS field reading of 106,363 mg/L, this was the highest TDS level observed during the inspection. At this same location, I also observed crude oil floating in the main channel of the impacted tributary. See photos No. 3 & 4.

On the west side of county road 5305, I observed oil which had passed through the cement culvert under the road. I also observed the unnamed tributary continuing toward the west, which was fully covered with oil at the time of the inspection. See photos No. 5 & 6.

Below (south) the confluence of the impacted tributary and Little Hominy Creek, in the main channel of Little Hominy Creek, I observed a TDS field reading of 26,702 mg/L. This was the highest TDS level

observed in Little Hominy Creek during the inspection. See photo No. 7. This TDS observation and all others throughout the inspection were observed using the EPA issued, properly calibrated, YSI Pro 30 conductivity meter.

At a cement low water bridge crossing Little Hominy Creek, I observed a TDS field reading of 338.9 mg/L in the water overflowing the bridge. At the same location, I observed a floating, oil absorbent containment boom which had been placed to prevent further downstream migration of crude oil. See photos No. 8 & 9.

Immediately downstream from the low water bridge, I observed a TDS field reading of 584 mg/L. See photo No. 10.

From the west bank of Little Hominy Creek, I observed the confluence of the unnamed tributary and Little Hominy Creek. At the time of the inspection a floating oil absorbent containment boom was installed to capture crude oil coming into Little Hominy Creek. Oil was floating on the unnamed tributary and Little Hominy Creek at this location. See photo No. 11.

I observed the end of spill impacts, which was oil and oil sheen floating on the waters of Little Hominy Creek, this observation was approximately 1.55 miles downstream from the POE, if following the main channel of the creek. At the time of the inspection, there was no containment measures in place to prevent downstream migration of spill impacts. From the end of spill impacts, I observed the upstream and downstream view of Little Hominy Creek, capturing the bed and bank features of the waterway. See photos No. 12, 13 & 14.

I observed a “background” TDS field reading of 299.8 mg/L. This measurement was observed upstream from the POE in the main channel of Little Hominy Creek where spill impacts could not reach. See Photo No. 15.

Section III – AREAS OF CONCERN

EPA Region 6 inspector Matthew Allen conducted a field meeting with Calgary Energy, LLC representative, Blaine Haag, at the conclusion of the inspection. The primary area of concern was the unsecured spill impacts migrating down Little Hominy Creek.

Additional areas of concern included the ruptured flowline, brine/oil impacted soil and vegetation along the overland flowpath, the impacted waters and banks of the unnamed tributary and the oil/brine impacts in the main channel and along the banks of Little Hominy Creek.

Section IV – FOLLOW UP

EPA inspector scheduled a follow-up inspection for 11/13/2025.

EPA inspector completed follow-up phone calls with Blaine Haag and Connor Haag on 3/12/2025 and 3/13/2025.

EPA inspector received a follow-up call from Connor Haag on 3/18/2025.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 15 photos taken 3/11/2025

There are no additional appendices.

Appendix 1

Photograph Log 15 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010595

Orientation: WNW

Date of Photo: 03/11/2025

Time of Photo: 10:33 AM

Latitude: 36.538962

Longitude: -96.397667

Photographer: Matthew Allen

Description: This was the release point of the spill, a 3" steel line which failed due to corrosion.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010596

Orientation: SE

Date of Photo: 03/11/2025

Time of Photo: 10:35 AM

Latitude: 36.538962

Longitude: -96.397667

Photographer: Matthew Allen

Description: This was a view from the release point toward the SE, along the flowpath toward an unnamed tributary of Little Hominy Creek.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010597

Orientation: N/A

Date of Photo: 03/11/2025

Time of Photo: 10:37 AM

Latitude: 36.538860

Longitude: -96.397600

Photographer: Matthew Allen

Description: This was a TDS field reading of 106,363 mg/L which was observed in the unnamed tributary of Little Hominy Creek. This was the highest TDS observed during the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010598

Orientation: SSE

Date of Photo: 03/11/2025

Time of Photo: 10:38 AM

Latitude: 36.538860

Longitude: -96.397600

Photographer: Matthew Allen

Description: This was the Point of Entry into the unnamed tributary of Little Hominy Creek. This is the location where the TDS field reading from photo No. 3 was observed. Oil is also present at this location.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010599

Orientation: W

Date of Photo: 03/11/2025

Time of Photo: 10:45 AM

Latitude: 36.538727

Longitude: -96.397859

Photographer: Matthew Allen

Description: This was oil and saltwater observed on the west side of the county road culvert along the impacted, unnamed tributary.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010600

Orientation: WSW

Date of Photo: 03/11/2025

Time of Photo: 10:45 AM

Latitude: 36.538727

Longitude: -96.397859

Photographer: Matthew Allen

Description: This was oil along the unnamed tributary, with a view to the west. This photo was captured while standing in the county road atop the culvert from photo No. 5.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010601

Orientation: N/A

Date of Photo: 03/11/2025

Time of Photo: 11:15 AM

Latitude: 36.538545

Longitude: -96.398471

Photographer: Matthew Allen

Description: This was a TDS field reading of 26,720 mg/L taken in the main channel of Little Hominy Creek approximately 50 feet downstream from the POE into Little Hominy Creek. This reading was taken from the bottom of the creek channel. TDS was not observed at the confluence of the unnamed tributary and Little Hominy Creek due to steep, unstable banks along the two waterways.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010601

Orientation: N/A

Date of Photo: 03/11/2025

Time of Photo: 11:16 AM

Latitude: 36.538545

Longitude: -96.398471

Photographer: Matthew Allen

Description: This was a TDS field reading of 338.9 mg/L taken at the cement low water crossing, approximately 50 feet downstream from the POE into Little Hominy Creek. This reading was observed in the water overflowing the bridge.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010603

Orientation: SW

Date of Photo: 03/11/2025

Time of Photo: 11:20 AM

Latitude: 36.538545

Longitude: -96.398471

Photographer: Matthew Allen

Description: This was the location of the TDS observation in photo No. 8. This was also the second floating, oil absorbent boom observed during the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010604

Orientation: N/A

Date of Photo: 03/11/2025

Time of Photo: 11:26 AM

Latitude: 36.538374

Longitude: -96.398427

Photographer: Matthew Allen

Description: This was a TDS field reading of 584 mg/L, observed in the main channel of Little Hominy Creek immediately downstream from the cement low water crossing from photo No. 9.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010605

Orientation: E

Date of Photo: 03/11/2025

Time of Photo: 11:32 AM

Latitude: 36.538833

Longitude: -96.398636

Photographer: Matthew Allen

Description: This was a photo of the POE into Little Hominy Creek. This was also the location of the first floating, oil absorbent boom used to contain the floating oil. Oil was floating on Little Hominy Creek and the unnamed tributary at the time of the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010606

Orientation: NNE

Date of Photo: 03/11/2025

Time of Photo: 12:11 PM

Latitude: 36.530215

Longitude: -96.402973

Photographer: Matthew Allen

Description: This was the end of spill impacts at the time of the inspection. Oil and oil sheen was present on the water at this location.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010607

Orientation: NNE

Date of Photo: 03/11/2025

Time of Photo: 12:11 PM

Latitude: 36.530215

Longitude: -96.402973

Photographer: Matthew Allen

Description: This was an upstream/NNE view along Little Hominy Creek from the last observed spill impacts during the inspection. At the time of the inspection there was no containment measures preventing downstream migration of oil.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 14

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010608

Orientation: E

Date of Photo: 03/11/2025

Time of Photo: 12:11 PM

Latitude: 36.530215

Longitude: -96.402973

Photographer: Matthew Allen

Description: This was a downstream/east view along Little Hominy Creek from the last observed spill impacts during the inspection. At the time of the inspection there was no containment measures preventing downstream migration of oil.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 15

Location: 36.538962, -96.397667		
City: Hominy	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010609

Orientation: N/A

Date of Photo: 03/11/2025

Time of Photo: 1:36 PM

Latitude: 36.539372

Longitude: -96.400406

Photographer: Matthew Allen

Description: This was a TDS field reading of 299.8 mg/L observed upstream from the POE. This TDS reading should be used when considering background TDS levels in Little Hominy Creek.