

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	01/25/2024	
Media Program:	Water	
Regulatory Program(s)	Clean Water Act-National Pollution Discharge Elimination System (Brine)	
Company Name:	Calgary Energy, LLC	
Facility Name:	AWFU Cold Springs Battery	
Facility Physical Location:	Latitude: 36.620153, Longitude: -96.464974	
(city, state, zip code)	Pawhuska, OK, 74056	
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:	OKU002196	
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		
	(acting) Mitty Garcia	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 Inspector, Matthew Allen, arrived at the Calgary Energy, LLC / AWFU Cold Springs Battery (EPA ID No. OKU002196) at 9:45 A.M. on 01/25/2024 to conduct an unannounced inspection. This was an EPA inspection in response to a National Response Center Spill Report (NRC No. 1388111) 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. No company representative was present at the time of the inspection, but a closing conference was held via phone call at the conclusion of the inspection. 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, AWFU Cold Springs Battery where a high-pressure hose connected to the saltwater disposal pump failed, releasing produced water onto the floor of the facility inside the secondary containment. The spilled fluid migrated through the secondary containment travelling northwest into a small drainage, eventually migrating south along a nearby drainage feature. The NRC Spill Report stated approximately 200 barrels of saltwater was released.

Section II - OBSERVATIONS

I observed the AWFU Cold Springs Battery, which was the release point of the spill. See photo No. 1 of appendix 1 (photo log). For additional GPS location information and photo metadata, see the attached photo log.

I observed an elevated Total Dissolved Solids (TDS) field reading of 1530 mg/L. This field reading was observed in the first pools of water downgradient from the release point. See photos No. 2 and 3 in the photo log. Through discussion with Mike Perrier, the BIA Field Inspector who responded to the spill at the time of discovery, this observation was at the location where the spill was initially contained with a temporary dam. Calgary Energy, LLC used this location as the catch and removal point for clean-up and flushing operations.

I observed no additional spill impacts beyond the location of photo No. 3.

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

Section III – AREAS OF CONCERN

During the closing conference via phone call with Duane Easley, representing Calgary Energy, LLC, I noted my primary area of concern being the elevated TDS field reading observed in the small pool of water.

Section IV – FOLLOW UP

Duane Easley with Calgary Energy, LLC stated he would have a vacuum truck empty the holes of water where I observed the mildly elevated TDS field readings.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 3 photos taken 1/125/2024

Appendix 1

Photograph Log 3 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.620153, -96.464974		
City: Pawhuska	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010251

Orientation: NNE

Date of Photo: 1/25/2024

Time of Photo: 9:50 AM

Latitude: 36.620153

Longitude: -96.464974

Photographer: Matthew Allen

Description: This was the AWFU Cold Springs Battery and facility sign.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.620153, -96.464974		
City: Pawhuska	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010252

Orientation: N/A

Date of Photo: 1/25/2024

Time of Photo: 10:00 AM

Latitude: 36.619758

Longitude: -96.467027

Photographer: Matthew Allen

Description: This was an elevated Total Dissolved Solids (TDS) field reding of 1530 mg/L taken in the only pools of water observed during the inspection.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.620153, -96.464974		
City: Pawhuska	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010253

Orientation: NNE

Date of Photo: 1/25/2024

Time of Photo: 10:00 AM

Latitude: 36.36.619758

Longitude: -96.467027

Photographer: Matthew Allen

Description: This was the location where the TDS field reading from photo No. 2 was taken. This location was also the point where the spill was initially contained with a temporary dam. Calgary Energy, LLC used this location as the collection and removal point for impacted waters during clean-up activities.