

Region 6 - Enforcement & Compliance Assurance Division

INSPECTION REPORT

Inspection Date(s):	03/05/2025	
Media Program:	Water, Clean Water Act	
Regulatory Program(s)	National Pollutant Discharge Elimination System (NPDES) (Brine)	
Company Name:	Contango Resources, LLC	
Facility Name:	Fanny Lease	
Facility Physical Location:	36.799176, -96.661584	
(city, state, zip code)	Shidler, Oklahoma 74652	
Mailing address:	1300 Greenbriar Place	
(city, state, zip code)	Oklahoma City, Oklahoma, 73159	
County/Parish:	Osage County	
Facility Phone Number	918-392-3396	
Facility Contact:	Mike Alkire	Field Supervisor
	Michael.Alkire@contango.com	
FRS Number:	n/a	
Identification/Permit Number:	OKU002214	
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 Contango Resources, LLC / Fanny Lease (EPA ID No. OKU002214) at 10:00 AM on 3/5/2025 for an unannounced inspection. This was an EPA inspection in response to a National Response Center Spill Report (NRC No. 1424367) 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 Contango Resources, LLC representative participated during the inspection. There was no other federal, state, or local agency representatives present at the time of the inspection.

FACILITY DESCRIPTION

EPA conducted an inspection at the Contango Resources, LLC, Fanny Lease well #3, where a plugged and abandoned injection well purged saltwater to the surface. At the time of the inspection, Great Horned Owls was operating the lease, but the EPA and BIA records still indicated Contango Resources, LLC as the owner of record.

Section II – OBSERVATIONS

I observed the release point of the spill, which was the previously plugged and abandoned Fanny #3 well. There was a fenced containment pit and well cellar at the location. See photo No. 1, Appendix 1 (photo log). For additional GPS location information and photo metadata, see the attached photo log.

Standing at the release point, I observed the flowpath of the spill which continued approximately 500 feet toward the west, terminating in a stock pond. See photo No. 2.

Approximately 125 feet west of the release point/Fanny #3, I observed a TDS field reading of 808 mg/L where the flowpath crossed the nearby lease road. See photo No. 3.

Approximately 500 feet west of the release point, at the end of the spill impacts, I observed a TDS field reading of 1817 mg/L. This was the highest TDS reading observed during the inspection. See photo No. 4. At the same location, I observed a trailer mounted water pump and two (2) frac tanks which were being used to remove the impacted water from the stock pond, see photo No. 5.

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

Section III – AREAS OF CONCERN

The areas of concern included the elevated TDS water at the release point, along the flowpath and in the stock pond at the end of the spill.

Section IV – FOLLOW UP

Inspector will follow up via phone calls and/or site visits as needed until the impacted area is cleaned to “pre-spill” condition.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 5 photos taken 3/5/2025.

Appendix 1

Photograph Log 5 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.799176, -96.661584		
City: Shidler	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010581

Orientation: NE

Date of Photo: 3/5/2025

Time of Photo: 11:27 AM

Latitude: 36.799176

Longitude: -96.661584

Photographer: Matthew Allen

Description: This was the pit, fence, well basement and release point for the spill which originated from the Fanny #3 well.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.799176, -96.661584		
City: Shidler	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010582

Orientation: WNW

Date of Photo: 3/5/2025

Time of Photo: 11:28 AM

Latitude: 36.799176

Longitude: -96.661584

Photographer: Matthew Allen

Description: This was a photo from the Fanny #3 (release point) with a view to the WNW showing the flowpath of the spill, which ended at the pond and green pump in the top left of the photo.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 36.799176, -96.661584		
City: Shidler	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010583

Orientation: NA

Date of Photo: 3/5/2025

Time of Photo: 11:31 AM

Latitude: 36.7992

Longitude: -96.662169

Photographer: Matthew Allen

Description: This was a TDS field reading of 808 mg/L taken approximately 100 feet west of the release point where the spill crossed the lease road.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 36.799176, -96.661584		
City: Shidler	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010584

Orientation: NA

Date of Photo: 3/5/2025

Time of Photo: 11:36 AM

Latitude: 36.798755

Longitude: -96.663095

Photographer: Matthew Allen

Description: This was a TDS field reading of 1,817 mg/L taken in the pond/end of spill impacts, approximately 500 feet west of the release point.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 36.799176, -96.661584		
City: Shidler	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010585

Orientation: WSW

Date of Photo: 3/5/2025

Time of Photo: 11:36 AM

Latitude: 36.799176

Longitude: -96.661584

Photographer: Matthew Allen

Description: This was the pump and frac tanks being used to remove the impacted water from the stock pond.