

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	03/30/2021	
Media Program:	Water	
Regulatory Program(s)	CWA – NPDES, Produced Water	
Company Name:	4D Oil and Gas, LLC	
Facility Name:	Stuart	
Facility Physical Location:	36.796693, -96.276782	
(city, state, zip code)	Pawhuska, Oklahoma 74056	
Mailing address:	523 Kihekah Ave.	
(city, state, zip code)	Pawhuska, Oklahoma 74006	
County/Parish:	Osage County, Oklahoma	
Facility Phone Number	580-541-5802	
Facility Contact:	Butch McComas	butch.mccomas@gmail.com
FRS Number:	N/A	
Identification/Permit Number:	OKU000894	
Media Identifier Number:	N/A	
NAICS:	211111	
SIC:	1311	
Personnel participating in inspection:		
Kent Sanborn	EPA, 6ECDW	EPA led Inspector
EPA lead Inspector Signature/Date		
	Kent W. Sanborn	Date
Supervisor Signature/Date		16 APR 2021
	Guy Tidmore	Date

Section I – INTRODUCTION

Purpose of Inspection

EPA Region 6 inspector Kent Sanborn arrived at the 4D Oil and Gas oil facility at 2:00 pm on 03/30/2021 for an inspection of brine facility that has had previous discharges. There were no facility representatives present at the site. The inspection was conducted under the authority of the Clean Water Act (CWA) to assess a previously reported spill from the brine facility. The scope of the inspection is to assess unauthorized discharges and impacts of nearby water resources under the CWA.

Facility Description

The facility is a brine facility located immediately east of a flowing creek. In the past the tank and secondary containment has overflowed to the creek. The facility was located just north of Pawhuska, Oklahoma.

Section II – Observations

I had the following observations during the inspection:

The brine facility has a partially lined pit area. Tank overflows could still get under the liner. There was a connected sump pump in the dry pit. The nearby creek measured with a calibrated YSI conductivity meter and was 234 milligrams per liter (mg/L) Total Dissolved Solids (TDS).

Were control measures put in place?	Yes
National Response Center (NRC) notified?	N/A
Remedial action ongoing?	N/A
Downstream Observations?	Yes
Upstream Observations?	N/A
Spill Ongoing?	No
Spill reached waterbody?	N/A
Aquatic Life Kill/Damage?	N/A
Vegetation damage?	N/A

Section III – AREAS OF CONCERN

The following areas of concern were identified:

- Liner was not adequate because any fluids inside the containment will flow under the liner

Section IV – FOLLOW UP

The following follow up actions that are recommended for EPA are:

- None

Section V – RESOURCES

Below are compliance resources for oil and gas facilities:

- To report spills associated with your facility, call: **1-800-424-8802**, for more information: <https://www.epa.gov/pesticide-incidents/how-report-spills-and-environmental-violations>.
- For information regarding Spill Prevention, Control, and Countermeasure (SPCC) program: <https://www.epa.gov/oil-spills-prevention-and-preparedness-regulations/facility-owneroperators-guide-oil-pollution>.
- For information regarding Underground Injection Control (UIC) (Safe Drinking Water Act): <https://www.epa.gov/uic>.