

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	2/13/2020	
Media Program:	Water	
Regulatory Program(s)	Brine - CWA	
Company Name:	Perdure Petroleum, LLC	
Facility Name:	NBU 8-2	
Facility Physical Location:	36.8374300, -96.749022 (NE Sect. 10, T 27N, R 5E)	
(city, state, zip code)	Shidler, Oklahoma 74652	
Mailing address:	12012 Wickchester Lane, Suite 660	
(city, state, zip code)	Houston, Texas 77079	
County/Parish:	Osage County	
Facility Phone Number	918-793-2881	
Facility Contact:	Carl Thunmen	
	cthunem@perdurepetro.com	
FRS Number:	N/A	
Identification/Permit Number:	OKU000883	
Media Identifier Number:	N/A	
NAICS:	21111	
SIC:	1311	
Personnel participating in inspection:		
Kent W. Sanborn	EPA 6 ECDWE	Environmental Engineer
EPA Lead Inspector Signature/Date		
	Kent W. Sanborn	Date
Supervisor Signature/Date		31 MAR 2020
	Guy Tidmore	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector K.W. Sanborn visited the Perdure Petroleum, LLC oil and gas facility located near Shidler, Oklahoma on 02/13/2020 for an unannounced inspection. There were no representatives of Perdure Petroleum, LLC present for the inspection. The inspection was conducted by authority of the Clean Water Act and the Safe Drinking Water Act to determine compliance with the Environmental Protection Agency (EPA) regulations.

FACILITY DESCRIPTION

This facility is known as NBU 8-2.

Section II - OBSERVATIONS

I observed that a produced water (brine) leak occurred into a creek near well NBU 8-2. With a calibrated YSI Pro 30 conductivity meter that reads Total Dissolved Solids (TDS), I measured approximately 15,000 milligrams per liter (mg/L) TDS at approximately 100 yards downstream from the entry point of brine into the nearby creek. The creek was dammed up and water was being pumped from the creek at the time of the inspection.

Section III – AREAS OF CONCERN

I observed elevated TDS in a nearby creek and a contaminated flow path from the facility to the nearby creek.

Section IV – FOLLOW UP

EPA water enforcement will conduct a follow up inspection in approximately 1 month.

Section V – LIST OF APPENDICES

N/A