

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	4/4/24	
Media Program:	Water (CWA)	
Regulatory Program(s)	Water (CWA) Brine Program (Oil & Gas inspection)	
Company Name:	LaRay Oil, LLC	
Facility Name:	Thompson #1 SWD	
Facility Physical Location:	From Highway 7 North, thence Highway 7 Business, thence Gas Plant Rd, off oil field lease road at 33.348867, -92.688800	
(city, state, zip code)	Smackover, AR 71762	
Mailing address:	5028 Hwy 7 South	
(city, state, zip code)	Louann, AR 71751	
County/Parish:	Union County	
Facility Phone Number	870-918-9859	
Facility Contact:	Jimmy R. Newton	Owner / Operator
	larayoilco@sat-co.net	
FRS Number:	N/A	
Identification/Permit Number:	ARU002232; see ADEQ State No-Discharge permit 0709-WG-SW for AFIN 70-01291	
Media Identifier Number:	N/A	
NAICS:	211111	
SIC:	1311	
Personnel participating in inspection:		
Kerri McCabe (lead)	EPA / Region 6 ECDW	Inspector / Enforcement Officer
Jimmy R. Newton	LaRay Oil, LLC	Owner / Operator
EPA Lead Inspector Signature/Date		
	Kerri McCabe	Date
Supervisor Signature/Date		
	Jeanne Eckhart	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 Inspector Kerri McCabe (lead) arrived at the LaRay Oil, LLC / Thompson #1 SWD, located from Highway 7 North, thence Highway 7 Business, thence Gas Plant Rd, off oil field lease road at 33.348867, -92.688800; at 0816 on 4/4/24 for an announced inspection. Mr. Jimmy R. Newton, LaRay Oil, LLC; represented the facility at the time of the inspection. The inspection was conducted by the authority of the Clean Water Act (CWA) to determine compliance with Environmental Protection Agency (EPA) regulations. There were no other federal, state, or local agency representatives present at the time of the inspection.

FACILITY DESCRIPTION

EPA conducted an inspection on the LaRay Oil, LLC / Thompson #1 SWD, which contains one (1) storage tank and one (1) saltwater disposal (SWD) well.

Section II - OBSERVATIONS

I observed a storage tank and a saltwater disposal (SWD) well belonging to LaRay Oil, LLC; see Appendix 1 (Photographs Log), Photo No. 1 and No. 2. For additional GPS location and photo metadata, see Appendix 1.

I observed the pump for the SWD well; the pump had an active leak; see Photo No. 3.

I observed the drainage area and a sump pump that had been installed prior to the inspection, see Photo No. 4 through No. 6.

I observed the drainpipe for secondary containment with the shutoff valve removed and the cap bonded to the pipe, see Photo No. 7 and No. 8.

I observed the drainage area associated with the facility; the channel from the drainpipe had been filled with soil prior to the inspection; see Photo No. 9 through No. 12.

A Total Dissolved Solids (TDS) reading of about 300 mg/l was taken upstream of the facility confluence, see Photo No. 11 of the area sampled.

A TDS reading of about 6,000 mg/l was taken in a deep pool adjacent to the facility, see Photo No. 10 of the area sampled.

A TDS reading of about 475 mg/l was taken downstream of the deep pool adjacent to the facility, see Photo No. 12 of the area sampled.

The following stratified TDS readings were taken in the deep pool adjacent to the facility: surface at about 400 mg/l, mid-level at about 1,500 mg/l, and bottom at about 5,500 mg/l, see Photo No. 10 through No. 12 of the areas sampled.

All TDS field readings observed throughout the inspection were taken with a properly calibrated, EPA-issued, YSI Pro30 Conductivity/TDS/Salinity/Temperature Meter (#Y60530).

Section III – AREAS OF CONCERN

A closing conference was held with Mr. Jimmy R. Newton, LaRay Oil, LLC; to discuss the findings of the inspection. Areas of concern at the time of the inspection include the active leak at the pump for the SWD well and the elevated TDS readings in the pool adjacent to the facility drainpipe area.

Mr. Newton indicated, during the inspection, that he had parts ordered to fix the SWD well pump at the facility. Additionally, Mr. Newton indicated that he would have the pool next to the facility pumped to the SWD system.

Mr. Newton was advised to document all his repairs; to include invoices, work hours, photographs, etc.

Section IV – FOLLOW UP

Inspector will conduct follow-up phone calls with the company representative(s) over the coming weeks and months to ensure areas of concern are properly addressed.

A follow-up inspection will be conducted 5/10/24.

Section V – LIST OF APPENDICES

Appendix 1 – Photograph Log – 12 photos taken 4/4/24.

Appendix 1

Photograph Log 12 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020114

Orientation: W-SW

Date of Photo: 04/04/2024

Time of Photo: 0923

Latitude: 33.348808

Longitude: -92.688752

Photographer: Kerri McCabe

Description: Looking W-SW, this photo showed the signage at the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020115

Orientation: S-SW

Date of Photo: 04/04/2024

Time of Photo: 0924

Latitude: 33.348951

Longitude: -92.688760

Photographer: Kerri McCabe

Description: Looking S-SW, this photo showed an overview of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020116

Orientation: N

Date of Photo: 04/04/2024

Time of Photo: 0924

Latitude: 33.348879

Longitude: -92.688681

Photographer: Kerri McCabe

Description: Looking N, this photo showed the pump for the saltwater disposal (SWD) well.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020117

Orientation: N

Date of Photo: 04/04/2024

Time of Photo: 0925

Latitude: 33.348889

Longitude: -92.688612

Photographer: Kerri McCabe

Description: Looking N, this photo showed the drainage area and sump inside the secondary containment.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020118

Orientation: N-NE

Date of Photo: 04/04/2024

Time of Photo: 0925

Latitude: 33.348797

Longitude: -92.688576

Photographer: Kerri McCabe

Description: Looking N-NE, this photo showed the sump installed at the drainpipe to route water back into the disposal system.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020119

Orientation: NE

Date of Photo: 04/04/2024

Time of Photo: 0926

Latitude: 33.348797

Longitude: -92.688576

Photographer: Kerri McCabe

Description: Looking NE, this photo showed a closeup of the sump installed at the drainpipe from Photo No. 5.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020120

Orientation: SW

Date of Photo: 04/04/2024

Time of Photo: 0926

Latitude: 33.348757

Longitude: -92.688551

Photographer: Kerri McCabe

Description: Looking SW, this photo showed the drainpipe for the secondary containment with the valve removed and permanently capped.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020121

Orientation: S-SE

Date of Photo: 04/04/2024

Time of Photo: 0926

Latitude: 33.348757

Longitude: -92.688551

Photographer: Kerri McCabe

Description: Looking S-SE, this photo showed a closeup of the drainpipe from Photo No. 7.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020122

Orientation: E-SE

Date of Photo: 04/04/2024

Time of Photo: 0927

Latitude: 33.348695

Longitude: -92.688432

Photographer: Kerri McCabe

Description: Looking E-SE, this photo showed the channel from the drainpipe that had been replaced with soil fill.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020123

Orientation: N-NE

Date of Photo: 04/04/2024

Time of Photo: 0927

Latitude: 33.348695

Longitude: -92.688432

Photographer: Kerri McCabe

Description: Looking N-NE, this photo showed a pool in the receiving stream that is downstream of the capped drainpipe.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020124

Orientation: SW

Date of Photo: 04/04/2024

Time of Photo: 0927

Latitude: 33.348695

Longitude: -92.688432

Photographer: Kerri McCabe

Description: Looking SW, this photo showed the receiving stream upstream of the area in Photo No. 10.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

Location: LaRay Oil, LLC – Thompson #1 SWD Follow-up from Gas Plant Rd off oil field lease road at 33.348867, -92.688800.

City: Smackover

County/Parish: Union

State: Arkansas



Photo File Name: P4020125

Orientation: S-SW

Date of Photo: 04/04/2024

Time of Photo: 0928

Latitude: 33.348695

Longitude: -92.688432

Photographer: Kerri McCabe

Description: Looking S-SW, this photo showed the receiving stream downstream of the area in Photo No. 10.