Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2104237072
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 2/15/2021

email: Wade_Dittrich@oxy.com Telephone: (575)390-2828

OCD Only

Received by: Robert Hamlet Date: 11/15/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 11/15/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

TRINITY
OILFIELD SERVICES
P.O. Box 2587 • Hobbs, NM 88241 • Phone: (575)397-4961 • john@trinityoilfieldservices.com

CLOSURE REQUEST

Oxy Covington A Federal 6

Unit Letter C, Section 25, Township 22 South, Range 32 East
Latitude 32.367617 North, Longitude -103.630916
NMOCD Incident Number nAPP2104237072
Lea County, New Mexico

Prepared for:

OXY USA, Inc.
P.O. Box 4294
Houston, TX 77210

Prepared by:

Trinity Oilfield Services and Rentals, LLC
P.O. Box 2587
Hobbs, New Mexico 88241

February 2021

John P. Farrell P.G.
Project Manager

Trinity Oilfield Services & Rentals, LLC

Company: OXY_USA, Inc. _ **Address:** P.O. BOX 4295, HOUSTON, TX 77210 **Telephone #:** (575) 390-2828
Site Name: Covington A Federal # 6 **NMOCD Reference#:** nAPP2104237072
Surface Owner: BLM **Mineral Owner:** BLM
Unit Letter: C **Section:** 25 **Township:** T22S **Range:** R32E **County:** Lea
GPS Coordinates: 32.37617 **N,** -103.630916 **W**
Date/Time of Release: 12/18/2019 **Type of Release:** X **Crude Oil** X **Produced Water**
Volume(s) Released: 10 bbl **Volume(s) Recovered:** 0
Closure Criteria for Impacted Soil (mg/kg; See Appendix F, "Closure Criteria Justification"):

Benzene: 10 **BTEX:** 50 **GRO+DRO:** 1000 **TPH:** ____ 100 **Chloride:** ____ 600
X 2,500 ____ 10,000
X 20,000

Background Information:

On December 18, 2019, an iron pipeline connected to a manifold failed due to corrosion at the Oxy Covington A Federal # 6 Battery. The release is believed to be small (estimated to be 1 barrel of crude oil and 9 barrels of produced water). Released fluids from the leaking pipe flowed to the east within the containment. Released fluids also flowed to the south through a breach in the containment wall and downhill to the south and east across a pasture area crossed by numerous four-inch diameter high density polyethylene (HDPE) pipelines. This occurrence is not considered to be a major release. The release was reported to Mike Bratcher of the New Mexico Energy Minerals Natural Resources Division (EMNRD) in December 2019 and to the incident reporting website: blm_nm_cfo_spill@blm.gov used for reporting to the United States Bureau of Land Management (US BLM). A "Site Location Map" is provided as Figure 1. The New Mexico Oil Conservation Division (NMOCD) office issued incident number nAPP2104237072 to track assessment and remediation activities for the site.

An immediate response to the release was to valve off flow to the manifold and employ a roustabout service to make repairs to the corroded manifold lines. Trinity Oilfield Services and Equipment Rentals LLC (Trinity) was contracted by Oxy Permian, Inc. to perform delineation and remedial actions at the Covington A Federal # 6 release site. A drone was utilized to make an aerial composite photo of the release. The perimeter of the portion of the release that spilled into the pasture area was marked with white pin flagging. A One-Call was placed on 12/18/2019 at 15:30 hours with the New Mexico 811-line locator service to mark any subsurface pipelines or other buried infrastructure in the area. Surface infrastructure in the area at the time of the release included overhead power lines, surface HDPE fluid transfer lines, the tank battery, heater-treaters, separators, the pipeline manifold header, and associated equipment. Excavation of impacted soil through hand digging and the use of a backhoe was selected as the remedial technology.

The initial delineation of impacted soils at the site was accomplished horizontally and vertically inside the containment by hand digging obviously impacted areas of the caliche containment pad. Both hand digging and excavation with a backhoe were employed to collect delineation samples in the pasture. Both chloride field screen test strips and chloride titration field test techniques were used to guide the vertical and

horizontal delineation of this site. Representative soil samples were collected, chains of custody (COC) were made, and samples were shipped to a NMOCD approved laboratory (Xenco) for analysis. Results of the delineation are provided in Table 1. Concurrent with delineation, excavation of the site began on December 19, 2019. Approximately 284 cubic yards of impacted soil were excavated. All excavated soils were stockpiled on plastic until removed for compliant disposal at an NMOCD approved disposal facility (Lea Land). The impacted area inside the battery containment area was backfilled with caliche and the berms were restored to their pre-release configuration. The pasture area outside of the containment was backfilled with soils similar in composition to the native soil found in the release area. Finally, the site was then seeded with the use of hand operated equipment sewing a BLM recommended mixture for the soil type in the pasture.

Summary of Trinity Field Activities:

On December 19, 2019, a Trinity environmental technician and a crew to perform hand digging began assessment of post release conditions at the Oxy Covington A Federal # 6 Battery. A stainless-steel spatula was utilized to collect surface and wall samples at hand digging locations. A hand auger and backhoe were utilized to assist the collection of soil samples at depth. Sampling continued concurrently with the remedial excavation through January 29, 2020.

A total of twenty-eight (individual or five-point composite) samples were collected from 22 locations. Additional soil removal by hand digging and resampling was performed at sample location "SP-3 East Composite" due to high TPH component analytical results. The location of the 22 sample points is shown on Figure 3. All samples were placed on ice in a cooler and chains of custody were used to submit the samples to the laboratory.

All samples were tested for chloride, TPH and BTEX at Xenco Laboratories of Midland, TX, a NMOCD approved analytical laboratory using United States Environmental Protection Agency (USEPA) Methods 4500-Cl B for chloride, SW 846-8015 Mod for TPH [including extended diesel range organics (EX DRO)] and SW 846-8021B for BTEX. Results of analyses for these samples is provided in Table 1.

All soils excavated from impacted areas were transported to a NMOCD approved facility (Lea Land Inc. NMOCD Waste Permit # WM-01-035) for compliant disposal. Caliche already on the site was used to backfill some of the pad area and 103 tons were purchased from an uncontaminated source to complete backfilling the pad and rebuild the containment berms. Backfilling of the pasture area was completed on February 13, 2020.

Photographic documentation of site conditions prior to initial sampling, following excavation of contaminated soil and post excavation is provided in Appendix C.

Site Closure Request

Soil Samples collected from the inferred impacted area were field tested and analyzed by a NMOCD approved laboratory. At the completion of remedial excavation, concentrations of Chloride, TPH and BTEX at all final sample points were shown by laboratory analysis to be below the Recommended Remedial Action Levels for closure criteria parameters listed in Table 1 of Section 19.15.29.12 of the New Mexico Administrative Code (NMAC) for a site where the depth to groundwater exceeds 100 feet bgs.

Since the site was on federal lands, wall samples were excavated by hand or with a backhoe until confirmatory field sampling showed that chloride levels in exposed walls were less than 600 mg/kg.
No depth to groundwater well data is available within a one half-mile (1/2 mile) radius and within a one-mile radius of the Covington A Federal # 6 Battery site. A single groundwater well was located within a two-mile radius of the Covington A Federal # 6 Battery. The well is located approximately 9,718 feet distant from the release point. Depth to groundwater in this well is reported to be 340 feet. Average depth to groundwater is estimated to be approximately 340 feet bgs within a two-mile radius of the site. The regional groundwater trend map suggests the depth to groundwater to be over 450 feet bgs at the release location. It would be an undue burden on Oxy to require a borehole to determine the absence of groundwater at this location due to the known depth exceeding 300 feet bgs.

Lab results for chloride analyses of all samples (range between a low of <5.01 and a high of 16,700 mg/kg) were below the regulatory criteria of 20,000 mg/kg where the depth to groundwater is greater than 100 feet bgs. Lab analyses for all samples yielded results that were below 1 mg/kg for all BTEX constituents. TPH constituents were higher. All Gasoline Range Organics (GRO) were below the reporting limit published by the laboratory. Nine Diesel Range Organic (DRO) samples were found to be above the laboratory reporting limit range (between 49.9 and 50.0 mg/kg) but were still well below GRO + DRO and TPH limits for locations where the groundwater is a depth greater than 100 feet.

Analytical data for one DRO sample value (SP-3 East Composite @ 6 inches bgs sampled January 9, 2020) was reported as 3,780 mg/kg, a value well above the GRO + DRO and TPH levels of 1,000 and 2,500 mg/kg, respectively. The reporting limit for this sample was 250 mg/kg and was likely adjusted upwards due to the higher DRO value in this sample. Additional excavation was performed to remove impacted soil at the SP-3 location and a sample collected 1/29/2021 yielded laboratory results for GRO + DRO of 378 mg/kg and a TPH result of 483 mg/kg. These values are well below the RRALs for the respective parameters where the depth to groundwater exceeds 100 feet bgs.

Three samples yielded values for Motor Oil Organics above the laboratory reporting limit. Of these three samples, SP-3 East Composite @ 6 inches bgs sampled January 9, 2020 yielded a value of 941 mg/kg. The other two samples (SP-3 South Comp and SP-5 Surface) yielded values of 67.1 and 128 mg/kg respectively). Additional excavation at SP-3 East Comp reduced the level of MRO in in-situ soil to 105 mg/kg. No additional excavation was necessary at SP-3 South Comp and SP-5 Surface to meet TPH objectives where depth to groundwater exceeds 100 feet bgs.

The Total Petroleum Hydrocarbon (TPH) value for sample SP-3 East Composite @ 6-inches bgs is 4720 mg/kg. Subsequently, additional hand excavation was performed at sample location SP-3 East Composite @ 6 inches and a resample was performed January 29, 2020. Laboratory results from the post excavation resample yielded results of <50.0 mg/kg for GRO, 378 mg/kg for DRO, 105 mg/kg for MRO and a cumulative 483 mg/kg TPH. The reporting limit for all analyses run on this sample is 50 mg/kg. The value of 483mg/kg for this resample is well below the regulatory limit of 2,500 mg/kg TPH where the depth to groundwater exceeds 100 feet bgs.

Sample locations SP-4 and SP-5 are in the pasture area. Vertical and horizontal delineation was achieved at both locations. The floor sample at SP-5 was a bit high in chloride in the floor composite (1460 mg/kg) with a remedial goal of 600 mg/kg but it is delineated to 204 mg/kg at 6 feet depth.

Based on these laboratory analytical results, the initial response and subsequent actions conducted at the site during the period between July 16, 2019 and January 29, 2020 were largely effective in remediating the release area. Trinity, on behalf of Oxy Permian - New Mexico requests that NMOCD C-141 – Incident Number nAPP2104237072be closed and proposes that no further remedial action for the area.

Attachments

Table 1: Trinity Samples Lab Result Summary
Table 2: Chloride Field Screens
Table 3: Closure Criteria Table

Figure 1: Site Location Map – Oxy Covington A Federal # 6 Battery
Figure 2: Sample Location Map – Delineation
Figure 3: Sample Location Map - Confirmation
Figure 3: Depth to Groundwater Trend Map
Figure 4: Vicinity and Wellhead Protection Area Map

Appendices

Appendix A: C-141 Initial Covington A Federal #6 Battery
Appendix B: C-141 Final Covington A Federal #6 Battery
Appendix C: Site Documentation Photos Covington A Federal #6 Battery
Appendix D: Laboratory Results Covington A Federal #6 Battery
Appendix E: Closure Criteria Justification Covington A Federal #6 Battery
Appendix F: Field Notes Covington A Federal #6 Battery

Tables

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
OXY USA, INC.
OXY COVINGTON A FEDERAL # 6
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: nAPP2104237072

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					EPA 300
				BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	M,P-XYLENES (mg/kg)	O-XYLENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C12 (mg/kg)	DRO C12-C28 (mg/kg)	GRO+ DRO (mg/kg)	MRO C28-C35 (mg/kg)	TPH C6-C35 (mg/kg)	CHLORIDE (mg/kg)
NMOCD Closure Limits				**10**	**NE**	**NE**	**NE**	**NE**	**NE**	**50**	**NE**	**NE**	**1,000**	**NE**	**2,500**	**20,000**
SP-1 @ Surface	Surface	1/9/2020	In-Situ	<0.00904	<0.00468	<0.00616	<0.00682	<0.00682	<0.00682	<0.00468	<15.0	38.0 J	38.0	<15.0	38.0 J	10,300
SP-1 @ 3 ft	3 ft	1/9/2020	In-Situ	<0.00900	<0.00466	<0.00614	<0.00679	<0.00679	<0.00679	<0.00466	<15.0	<15.0	<15.0	<15.0	<15.0	304
SP-1 East Comp	6"	1/9/2020	In-Situ	<0.00904	<0.00468	<0.00616	<0.00682	<0.00682	<0.00682	<0.00468	<15.0	31.3 J	31.3	<15.0	31.3 J	16,700
SP-1 North Comp	6"	1/9/2020	In-Situ	<0.00904	<0.00468	<0.00616	<0.00682	<0.00682	<0.00682	<0.00468	<14.9	25.8 J	25.8	<14.9	25.8 J	108
SP-1 South Comp	6"	1/9/2020	In-Situ	<0.00899	<0.00465	<0.00612	<0.00678	<0.00678	<0.00678	<0.00465	<15.0	35.2 J	35.2	<15.0	35.2 J	6,550
SP-1 Floor Comp	6"	1/16/2020	In-Situ	<0.00906	<0.00469	<0.00617	<0.00683	<0.00683	<0.00683	<0.00469	<15.0	71.0	71.0	16.2 J	87.2	8,600
SP-2 @ Surface	Surface	1/9/2020	In-Situ	<0.00906	<0.00469	<0.00617	<0.00683	<0.00683	<0.00683	<0.00469	<15.0	97.7	97.7	21.5 J	119.0	7,410
SP-2 @ 3 ft	3 ft	1/9/2020	In-Situ	<0.00911	<0.00472	<0.00621	<0.00688	<0.00688	<0.00688	<0.00472	<15.0	<15.0	<15.0	<15.0	<15.0	23.7
SP-2 Floor Comp	6"	1/16/2020	In-Situ	<0.00911	<0.00472	<0.00621	<0.00688	<0.00688	<0.00688	<0.00472	<14.9	78.7	78.7	17.8 J	96.5	11,200
SP-2 North Comp	6"	1/9/2020	In-Situ	<0.00895	<0.00990 J	<0.00610	<0.00675	<0.00675	<0.00675	<0.00990 J	<15.0	67.1	67.1	23.5 J	90.6	2,200
SP-2 West Comp	6"	1/9/2020	In-Situ	<0.00895	<0.00463	<0.00610	<0.00675	<0.00675	<0.00675	<0.00463	<15.0	101.0	101.0	37.1	138	3,380
SP-3 @ Surface	Surface	1/9/2020	In-Situ	<0.00895	<0.00463	<0.00610	<0.00675	<0.00675	<0.00675	<0.00463	<15.0	90.3	90.3	25.1 J	115.0	7,640
SP-3 @ 3 ft'	3 ft	1/9/2020	In-Situ	<0.00906	<0.00469	<0.00617	<0.00683	<0.00683	<0.00683	<0.00469	<15.0	19.2 J	19.2	<15.0	19.2 J	644
SP-3 Floor	6"	1/16/2020	In-Situ	<0.00908	<0.00470	<0.00618	<0.00685	<0.00685	<0.00685	<0.00470	<14.9	23.8 J	23.8	<14.9	23.8 J	14,600
SP-3 East Comp	6"	1/9/2020	In-Situ	<0.0180	<0.00932	<0.0123	<0.0136	<0.0136	<0.0136	<0.00932	<74.9	**3,780.0**	**3,780.0**	941	**4,720.0**	124
SP-3 East Composite	6 "	1/29/2020	In-Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00200	<0.00200	<50.0	378	378	105	483	291
SP-3 South Comp	6"	1/9/2020	In-Situ	<0.00909	<0.00471	<0.00620	<0.00686	<0.00686	<0.00686	<0.00471	<15.0	197.0	197.0	67.1	264.0	105
SP-4 @ Surface	Surface	1/9/2020	In-Situ	<0.00906	<0.00469	<0.00617	<0.00683	<0.00683	<0.00683	<0.00469	<15.0	52.1	52.1	22.9 J	75.0	98.5
SP-4 @ 3 ft	3 ft	1/9/2020	In-Situ	<0.00906	<0.00469	<0.00617	<0.00683	<0.00683	<0.00683	<0.00469	<15.0	<15.0	<15.0	<15.0	<15.0	39.4
SP-4 South Wall @ 2 ft Comp	2 ft	1/9/2020	In-Situ	<0.00902	<0.00467	<0.00615	<0.00681	<0.00681	<0.00681	<0.00467	<15.0	<15.0	<15.0	<15.0	<15.0	<5.0
SP-4 West Wall @ 2 ft Comp	2 ft	1/9/2020	In-Situ	<0.00897	<0.00464	<0.00611	<0.00677	<0.00677	<0.00677	<0.00464	<15.0	<15.0	<15.0	<15.0	<15.0	23.7
SP-4 Floor Comp	2 ft	1/16/2020	In-Situ	<0.00906	<0.00469	<0.00617	<0.00683	<0.00683	<0.00683	<0.00469	<50.0	<50.0	<50.0	<50.0	<50.0	73
SP-5 @ Surface	Surface	1/9/2020	In-Situ	<0.00897	<0.00464	<0.00611	<0.00677	<0.00677	<0.00677	<0.00464	<49.9	314.0	314.0	128	442.0	7.45
SP-5 @ 6 ft	6 ft	1/9/2020	In-Situ	<0.00906	<0.00469	<0.00617	<0.00683	<0.00683	<0.00683	<0.00469	<49.8	<49.8	<49.8	<49.8	<49.8	204
SP-5 North Wall Composite	2 ft	1/13/2020	In-Situ	<0.00908	<0.00470	<0.00618	<0.00685	<0.00685	<0.00685	<0.00470	<49.9	<49.9	<49.9	<49.9	<49.9	14.6
SP-5 South Wall Composite	2 ft	1/13/2020	In-Situ	<0.00911	<0.00472	<0.00621	<0.00688	<0.00688	<0.00688	<0.00472	<49.9	<49.9	<49.9	<49.9	<49.9	<5.04
SP-5 East Wall Composite	2 ft	1/13/2020	In-Situ	<0.00895	<0.00463	<0.00610	<0.00675	<0.00675	<0.00675	<0.00463	<50.0	<50.0	<50.0	<50.0	<50.0	<5.01
SP-5 Floor Comp @ 4 ft	4 ft	1/16/2020	In-Situ	<0.00908	<0.00470	<0.00618	<0.00685	<0.00685	<0.00685	<0.00470	<50.0	<50.0	<50.0	<50.0	<50.0	1,460

NE = Not Established
Concentrations in **Bold** exceed NMOCD RRALs
"J" Qualifier = The target analyte was positively identified below the quantitation limit and above the detection limit

NE = Not established
- = Not analyzed
Concentrations in BOLD exceed NMOCD RRALs

TABLE 2
CHLORIDE FIELD SCREENS

OXY USA, INC.
COVINGTON A FEDERAL 6
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: nAPP2104237072

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	CHLORIDE (mg/kg) Hach Field Strips or Titration
NMOCD Closure Limit (mg/kg)				20,000
SP-1 Surface	Surface	12/20/2019	In-Situ	10,286
SP-1 Surface	Surface	1/9/2020	In-Situ	10,240
SP-1 @ 1'	1'	12/20/2019	In-Situ	509
SP-1 @ 1'	1'	1/9/2020	In-Situ	5,680
SP-1 @ 2'	2'	12/20/2019	In-Situ	269
SP-1 @ 2'	2'	1/9/2020	In-Situ	2,442
SP-1 @ 3'	3'	12/20/2019	In-Situ	209
SP-1 @ 3'	3'	1/9/2020	In-Situ	580
SP-1 East Wall Comp	-	1/9/2020	In-Situ	636
SP-1 North Wall Comp	-	1/9/2020	In-Situ	680
SP-1 South Wall Comp	-	1/9/2020	In-Situ	1,224
SP-1 West Wall Comp	-	1/9/2020	In-Situ	2,442
SP-1 South Surface	Surface	12/20/2019	In-Situ	2,789
SP-1 South @ 1'	1'	12/20/2019	In-Situ	6,687
SP-1 North Surface	Surface	12/20/2019	In-Situ	59
SP-1 North @ 1'	1'	12/20/2019	In-Situ	59
SP-2 Surface	Surface	12/20/2019	In-Situ	12,955
SP-2 Surface	Surface	1/9/2020	In-Situ	12,480
SP-2 @ 1'	1'	12/20/2019	In-Situ	4,048
SP-2 @ 1'	1'	1/9/2020	In-Situ	6,480
SP-2 @ 2'	2'	12/20/2019	In-Situ	989
SP-2 @ 2'	2'	1/9/2020	In-Situ	2,448
SP-2 @ 3'	3'	12/20/2019	In-Situ	299
SP-2 @ 3'	3'	1/9/2020	In-Situ	320
SP-2 North Wall Comp	-	1/9/2020	In-Situ	2,248
SP-2 West Wall Comp	-	1/9/2020	In-Situ	860
SP-3 Surface	Surface	12/30/2019	In-Situ	9,876
SP-3 Surface	Surface	1/9/2020	In-Situ	14,380

TABLE 2
CHLORIDE FIELD SCREENS

OXY USA, INC.
COVINGTON A FEDERAL 6
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: nAPP2104237072

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	CHLORIDE (mg/kg) Hach Field Strips or Titration
NMOCD Closure Limit (mg/kg)				20,000
SP-3 @ 1'	1'	12/30/2019	In-Situ	7,347
SP-3 @ 1'	1'	1/9/2020	In-Situ	8,248
SP-3 @ 2'	2'	12/30/2021	In-Situ	359
SP-3 @ 2'	2'	1/9/2020	In-Situ	2,246
SP-3 @ 3'	3'	12/30/2021	In-Situ	149
SP-3 @ 3'	3'	1/9/2020	In-Situ	480
SP-3 South Wall Comp	-	1/9/2020	In-Situ	1,030
SP-3 East Wall Comp	-	1/9/2020	In-Situ	-
SP-3 South	-	12/30/2021	In-Situ	587
SP-4 Surface	Surface	12/30/2021	In-Situ	14,642
SP-4 Surface	Surface	1/9/2020	In-Situ	2,442
SP-4 @ 2'	2'	12/30/2021	In-Situ	1,319
SP-4 @ 2'	2'	1/9/2020	In-Situ	846
SP-4 @ 3'	3'	1/9/2020	In-Situ	205
SP-4 @ 4'	4'	12/30/2021	In-Situ	1,479
SP-4 @ 5'	5'	12/30/2021	In-Situ	752
SP-4 South Wall Comp	-	1/9/2020	In-Situ	846
SP-4 South Wall Comp	-	1/9/2020	In-Situ	205
SP-4 West Wall Comp	-	1/9/2020	In-Situ	548
SP-4 West Wall Comp	-	1/9/2020	In-Situ	<108
SP-5 Surface	Surface	1/9/2020	In-Situ	4,820
SP-5 @ 2'	2'	1/9/2020	In-Situ	2,442
SP-5 @ 4'	4'	1/9/2020	In-Situ	648
SP-5 @ 6'	6'	1/9/2020	In-Situ	340
SP-5 East Wall	-	1/9/2020	In-Situ	926
SP-5 East Wall	-	1/9/2020	In-Situ	684

TABLE 2
CHLORIDE FIELD SCREENS

OXY USA, INC.
COVINGTON A FEDERAL 6
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: nAPP2104237072

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	CHLORIDE (mg/kg) Hach Field Strips or Titration
NMOCD Closure Limit (mg/kg)				20,000
SP-5 East Wall	-	1/9/2020	In-Situ	<108
SP-5 East Wall Comp	-	1/9/2020	In-Situ	<108
SP-4 South Wall	-	1/9/2020	In-Situ	1,244
SP-4 South Wall	-	1/9/2020	In-Situ	860
SP-4 South Wall	-	1/9/2020	In-Situ	205
SP-4 South Wall Comp	-	1/9/2020	In-Situ	205
SP-5 North Wall	-	1/9/2020	In-Situ	1,224
SP-5 North Wall	-	1/9/2020	In-Situ	648
SP-5 North Wall	-	1/9/2020	In-Situ	128
SP-5 North Wall Comp	-	1/13/2020	In-Situ	1,028

ND = Not detected

- = "Depth not provided" or "no analysis result provided"

Concentrations in **BOLD** exceed the NMOCD Closure Limit

TABLE 3
CLOSURE CRITERIA JUSTIFICATION

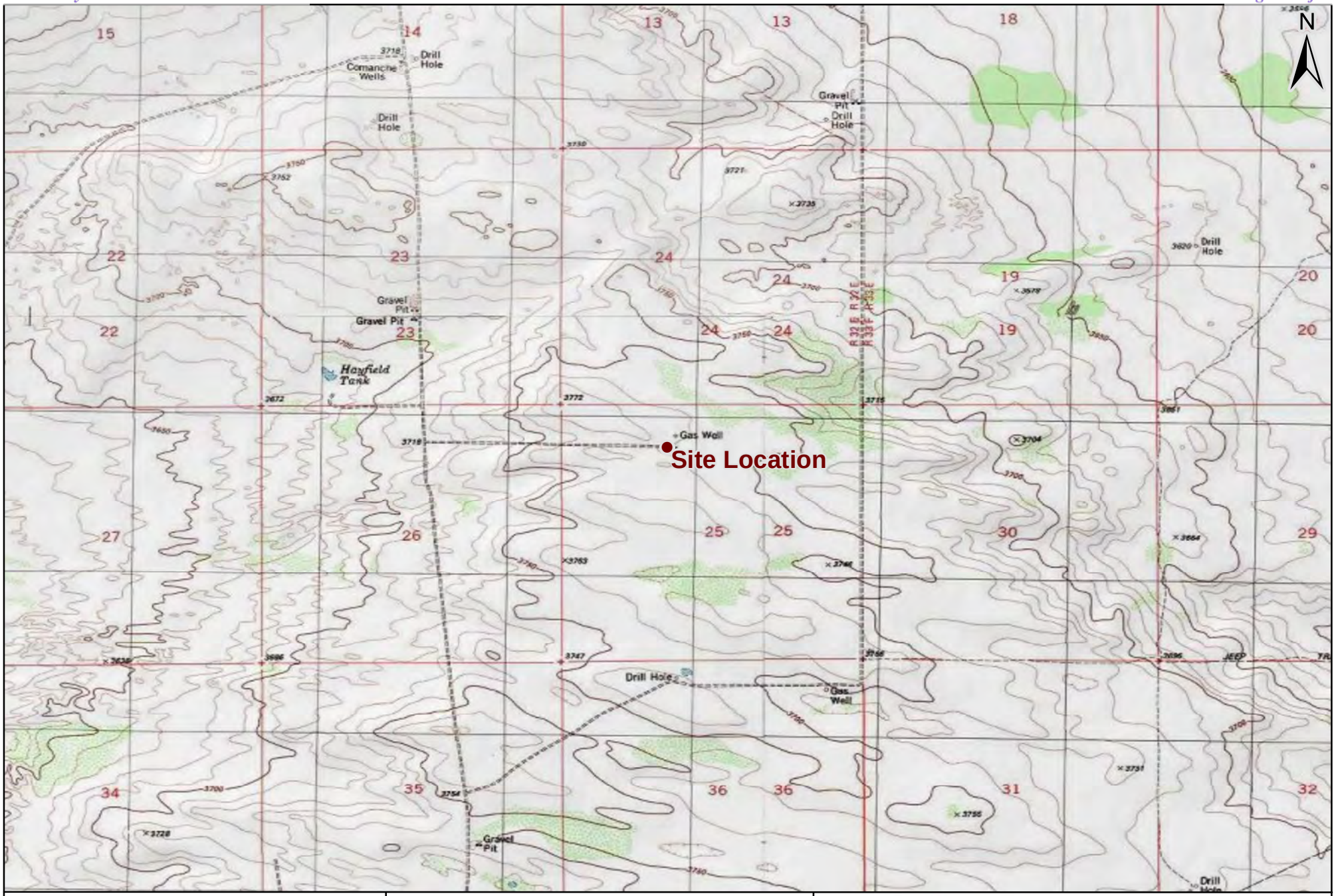
OXY USA Inc.
COVINGTON A FEDERAL 6
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT #: nAPP2104237072

Groundwater, Water Wells & Other Water Sources	
Depth to groundwater (ft)?	Approx. 340 ft.
Horizontal distance (ft) from all water sources within 0.5 miles?	N/A
Within 500' of a spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No
Within 1000' of any fresh water well or spring?	No
Surface Water	
Horizontal distance (ft) to nearest significant watercourse?	>1,000
Within 300' of any continuously flowing watercourse or any other significant watercourse?	No
Within 200' of any lakebed, sinkhole or playa lake?	No
Human-Occupied, Environmental & Other Areas	
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No
Within 300' of an occupied permanent residence, school, hospital, institution or church?	No
Within 300' of a wetland?	No
Within the area overlying a subsurface mine?	No
Within an unstable area?	No
Within a 100-year floodplain?	No

Closure Criteria (mg/kg)*				
Benzene	**BTEX**	**GRO + DRO**	**TPH**	**Chloride**
10	50	1,000	2,500	20,000

*Numerical limits or natural background level, whichever is greater

Figures



0.5 0.25 0 0.5

Distance in Miles

Figure 1
Site Location Map
OXY USA, Inc.
Covington A Federal 0006
Lea County, New Mexico

TRINITY OILFIELD SERVICES

Trinity Oilfield Services & Rentals, LLC
P.O. Box 2587
Hobbs, NM 88241

Drawn By: BJA	Checked By: JEH
April 29, 2020	Scale: 1" = 0.5mi

Legend

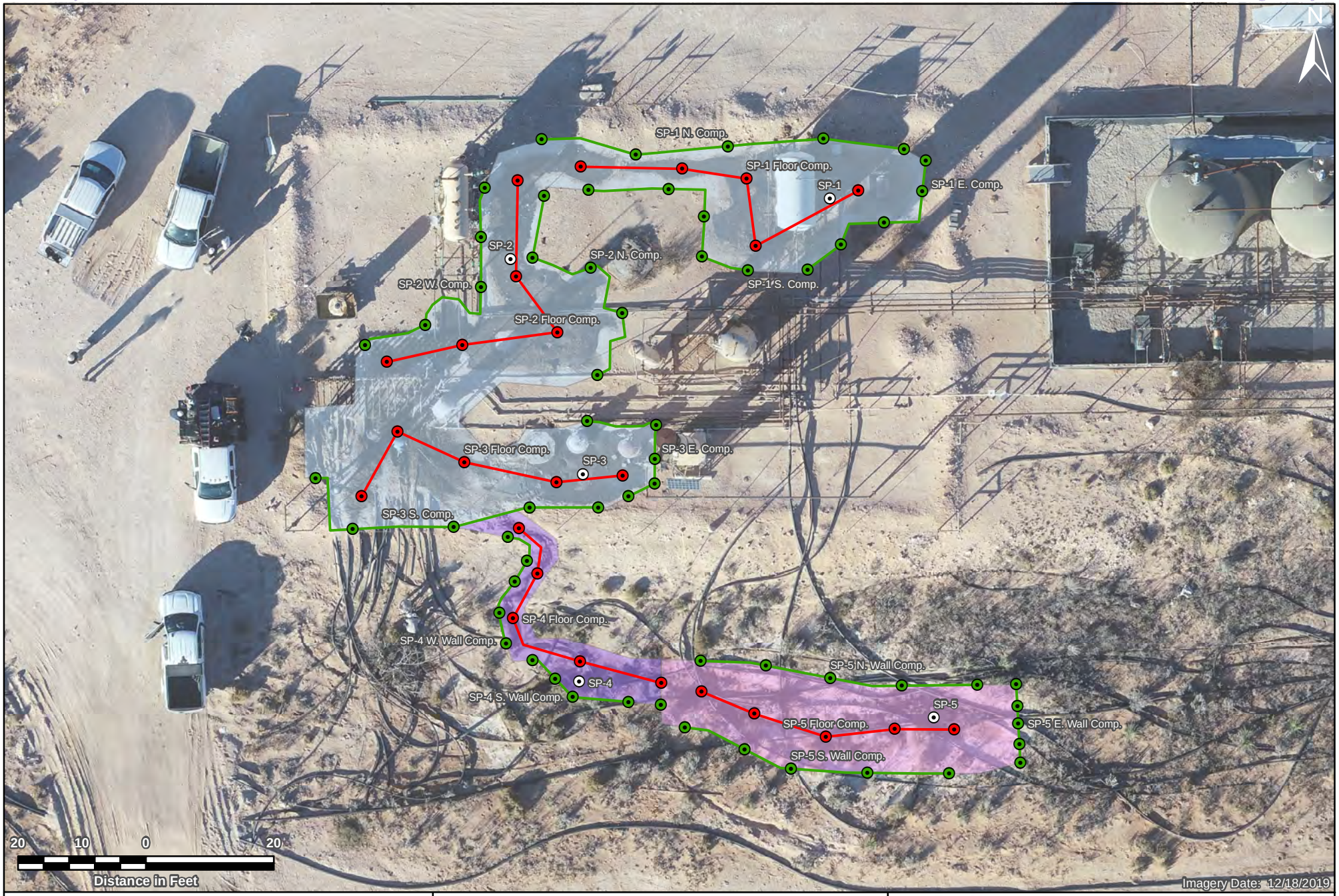
⊙ Auger Hole

Figure 2
Delineation Map
OXY USA, Inc.
Covington A Federal 0006
Lea County, New Mexico

TRINITY OILFIELD SERVICES

Trinity Oilfield Services & Rentals, LLC
P.O. Box 2587
Hobbs, NM 88241

Drawn By: BJA	Checked By: JEH
April 29, 2020	Scale: 1" = 20'



Legend

- Auger Hole
- Composite Floor Sample
- Composite Wall Sample

Excavation Depths

- 6" bgs
- 2' bgs
- 4' bgs

Figure 3
Sample Location Map
OXY USA, Inc.
Covington A Federal 0006
Lea County, New Mexico

TRINITY OILFIELD SERVICES

Trinity Oilfield Services & Rentals, LLC
P.O. Box 2587
Hobbs, NM 88241

Drawn By: BJA	Checked By: JEH
September 15, 2020	Scale: 1" = 20'

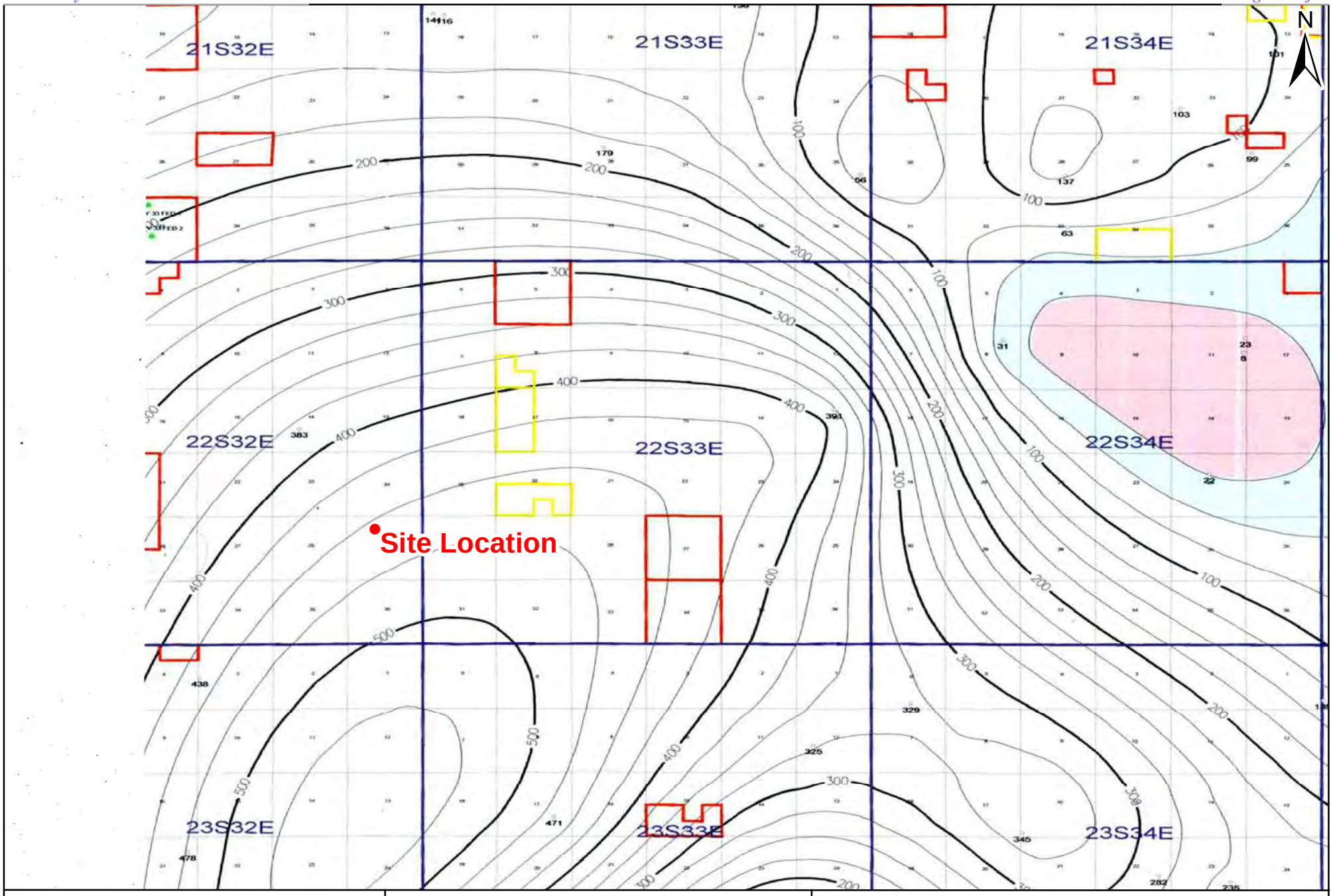
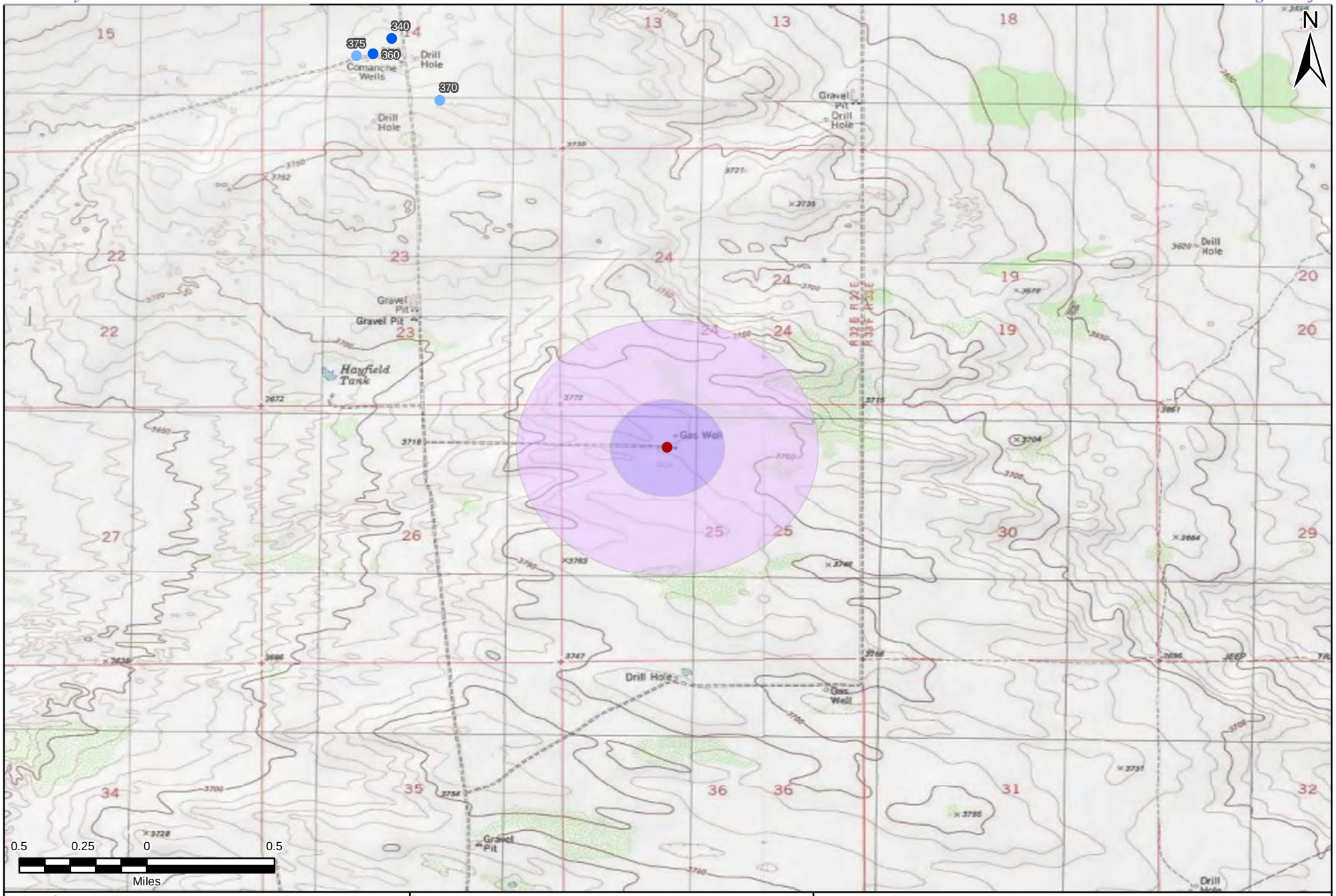


Figure 4
Depth-to-Groundwater Trend Map
OXY USA, Inc.
Covington A Federal 0006
Lea County, New Mexico

TRINITY
OILFIELD SERVICES

Trinity Oilfield Services & Rentals, LLC
P.O. Box 2587
Hobbs, NM 88241

Drawn By: BJA	Checked By: JEH
April 29, 2020	Scale: 1" = 2mi



Legend

- 1,000-ft Radius
- 0.5-mi Radius
- FEMA 100-Year Flood Zone
- Municipal Boundary
- Site Location
- NMOSE Depth to Water (ft)
- USGS Depth to Water (ft Avg.)

Figure 5
Vicinity & Wellhead Protection Area Map
OXY USA, Inc.
Covington A Federal 0006
Lea County, New Mexico

TRINITY OILFIELD SERVICES

Trinity Oilfield Services & Rentals, LLC
P.O. Box 2587
Hobbs, NM 88241

Drawn By: BJA	Checked By: JEH
April 29, 2020	Scale: 1" = 0.5mi

Appendices

Appendix A

Release Notification &

Corrective Action (Form C-141)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party OXY USA, Inc.	OGRID 16696
Contact Name Wade Dittrich	Contact Telephone (575)390-2828
Contact email Wade_Dittrich@oxy.com	Incident # *(assigned by OCD)*
Contact mailing address P.O. Box 4295; Houston, TX 77210	

Location of Release Source

Latitude 32.367617 Longitude -103.630916
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Covington A Federal 0006	Site Type E&P
Date Release Discovered 12/18/2019	API# *(if applicable)* 30-025-24947 (nearest well)

Unit Letter	Section	Township	Range	County
C	25	22S	32E	Lea

Surface Owner: ☐ State ☑ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☑ Crude Oil	Volume Released (bbls) 1	Volume Recovered (bbls) 0
☑ Produced Water	Volume Released (bbls) 9	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Corrosion of a 2-inch steel production flowline. Release is located at the header at the Covington A Federal 18 Central Tank Battery.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☑ The source of the release has been stopped.
- ☑ The impacted area has been secured to protect human health and the environment.
- ☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 12/18/2020

email: Wade_Dittrich@oxy.com Telephone: (575)390-2828

OCD Only

Received by: _____ Date: _____

****** LIQUID SPILLS - VOLUME CALCULATIONS ******

Location of spill: **Covington A Federal 006** (32.367617,-103.630916) **Date of Spill:** 12/18/2020

Site Soil Type: Pyote and maljamar fine sands

Estimated Daily Production Loss: 13 200 BBL Water

Total Area Calculations

Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	6.0 ft	X	36.0 ft	X	2.0 in	10%
Rectangle Area #2	18.0 ft	X	32.0 ft	X	2.0 in	10%
Rectangle Area #3	8.5 ft	X	37.0 ft	X	2.0 in	10%
Rectangle Area #4	12.0 ft	X	47.0 ft	X	2.0 in	10%
Rectangle Area #5	2.0 ft	X	36.5 ft	X	1.75 in	10%
Rectangle Area #6	6.5 ft	X	69.0 ft	X	1.8 in	10%
Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%

Porosity 0.16 gal per gal

Saturated Soil Volume Calculations:

		H2O		OIL	
Area #1	216 sq. ft.	32	cu. ft.	4	cu. ft.
Area #2	576 sq. ft.	86	cu. ft.	10	cu. ft.
Area #3	314.5 sq. ft.	47	cu. ft.	5	cu. ft.
Area #4	564 sq. ft.	85	cu. ft.	9	cu. ft.
Area #5	73 sq. ft.	10	cu. ft.	1	cu. ft.
Area #6	448.5 sq. ft.	59	cu. ft.	7	cu. ft.
Area #7	0 sq. ft.		cu. ft.		cu. ft.
Area #8	0 sq. ft.		cu. ft.		cu. ft.
Total Solid/Liquid Volume:	**2,192 sq. ft.**	**319**	**cu. ft.**	**35**	**cu. ft.**

Estimated Volumes Spilled

	H2O		OIL	
Liquid in Soil:	9.1	BBL	1.0	BBL
Liquid Recovered :	0.0	BBL	0.0	BBL
Spill Liquid	**9.1**	**BBL**	**1.0**	**BBL**
Total Spill Liquid:	**10.1**			

Recovered Volumes

Estimated oil recovered: 0.0 **BBL**

Estimated water recovered: 0.0 **BBL**

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravely Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

Appendix B

Final Form C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2104237072
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party OXY USA, Inc.	OGRID 16696
Contact Name Wade Dittrich	Contact Telephone (575) 390-2828
Contact email Wade_Dittrich@oxy.com	Incident # *(assigned by OCD)* nAPP2104237072
Contact mailing address P.O. Box 4295; Houston, TX 77210	

Location of Release Source

Latitude 32.367617 Longitude -103.630916
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Covington A Federal 0006	Site Type E&P
Date Release Discovered 12/18/2019	API# *(if applicable)* 30-025-24947 (nearest well)

Unit Letter	Section	Township	Range	County
C	25	22S	32E	Lea

Surface Owner: ☐ State ☑ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☑ Crude Oil	Volume Released (bbls) 1	Volume Recovered (bbls) 0
☑ Produced Water	Volume Released (bbls) 9	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Corrosion of a 2-inch steel production flow line. Release originated at the header for the Covington A Federal 18 Central Tank Battery.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2104237072
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ No	If YES, for what reason(s) does the responsible party consider this a major release? This is a minor release per the definitions in NMAC 19.15.27.7.B because the cumulative total of oil and produced water released (10 bbls) is greater than 5 bbls but less than 25 bbls.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes, by Ben Fleetwood via Wade Dittrich to US BLM and NMOSE via the enmrd-ocd-district1spils@state.nm.us and blm_nm_cfo_spill@blm.gov

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☑ The source of the release has been stopped.
- ☑ The impacted area has been secured to protect human health and the environment.
- ☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:
All required actions have been undertaken/completed.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 2/15/2021

email: Wade_Dittrich@oxy.com Telephone: (575)390-2828

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2104237072
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	340 +/- (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☑ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☑ Field data
- ☑ Data table of soil contaminant concentration data
- ☑ Depth to water determination
- ☑ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☑ Boring or excavation logs
- ☑ Photographs including date and GIS information
- ☑ Topographic/Aerial maps
- ☑ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2104237072
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 2/15/2021

email: Wade_Dittrich@oxy.com Telephone: (575)390-2828

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2104237072
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 2/15/2021

email: Wade_Dittrich@oxy.com Telephone: (575)390-2828

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2104237072
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 2/15/2021

email: Wade_Dittrich@oxy.com Telephone: (575)390-2828

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Appendix C

Photographs

Eastern Terminus of the Release Inside the Containment Area (Flow was West to East)

Standing Oil and Produced Water Staining Near East Terminus of the Release

Path of Produced Water and Crude Oil Flow from West to East

Flow Path of Crude Oil and Produced Water in the Central Part of the Impacted Area
(Flow was South to North)

Flow was from West to East in the Foreground and South to North in the Background

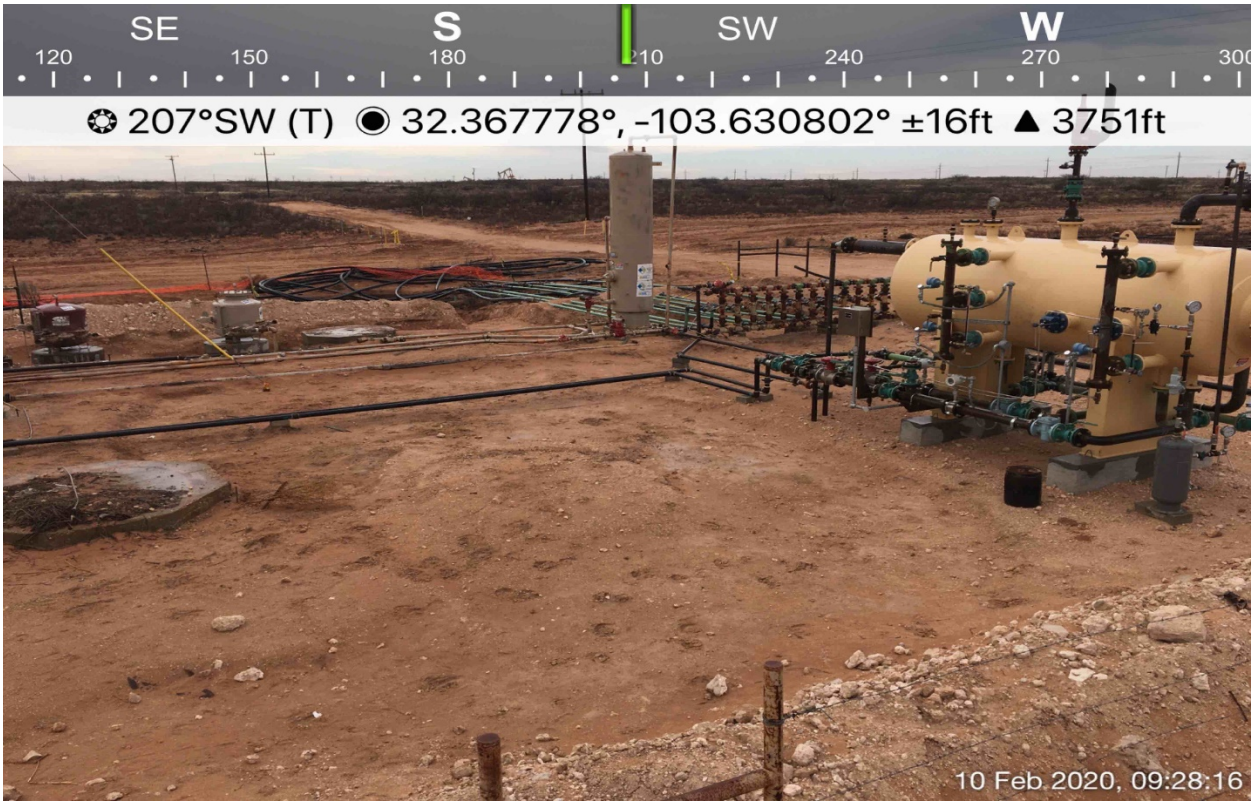
Point of Origin of the Release was the Manifold in the Upper Left Corner of the Photo A Breach in the Containment is in the Foreground

The Flow Path Outside the Containment Area. Flow Direction is from North to South and then Downhill to the East

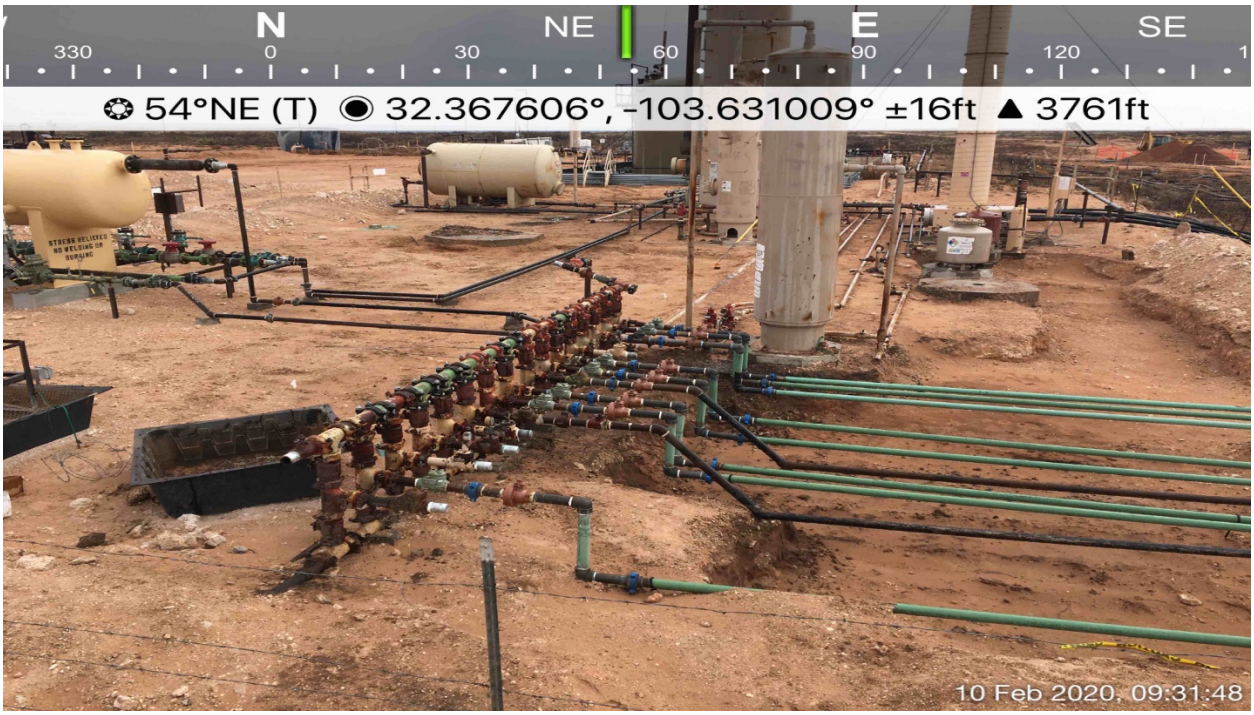
Easterly Flow Path in the Pasture Area Beneath Numerous Fluid Transport Lines

Petroleum Pooled in the Pasture near the East Terminus of the Release Area

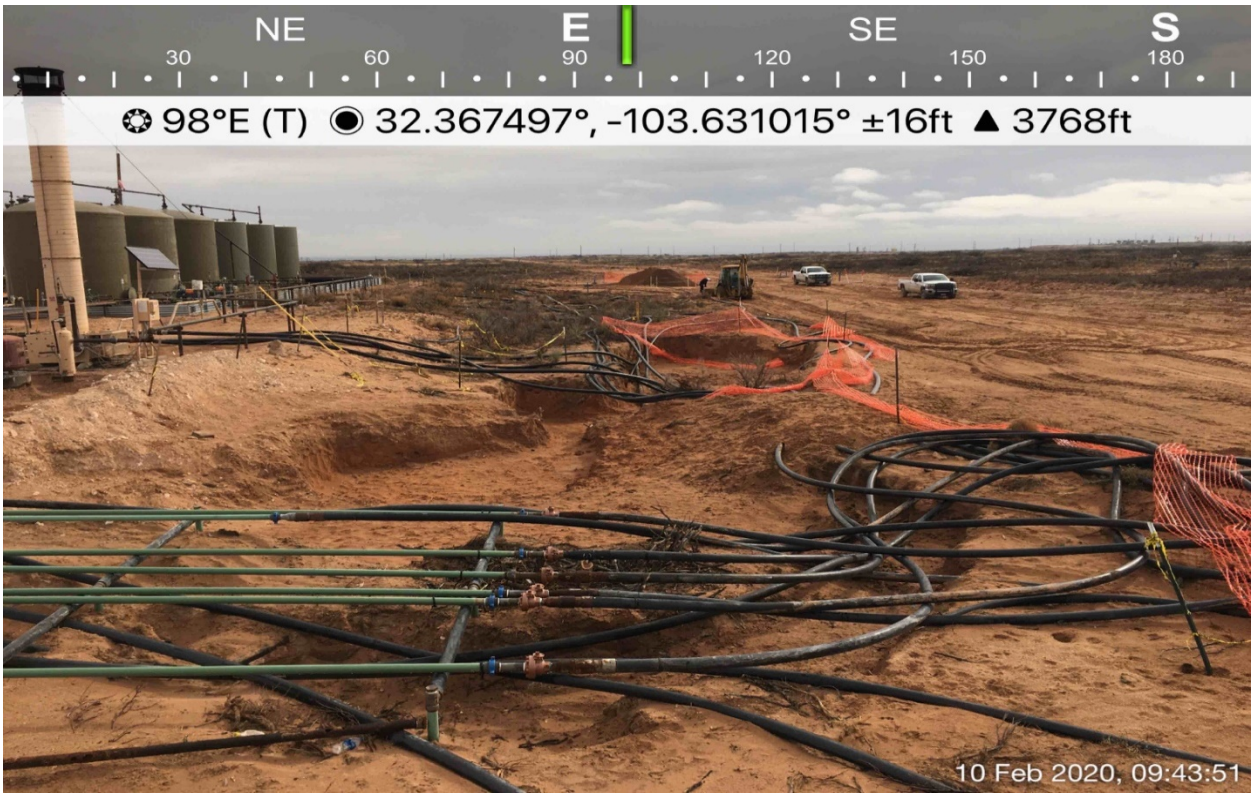
Excavated Location of Eastern Extent of the Impacted Area Within the Pad Containment



Excavated Central Portion of the Impacted Area Within the Pad Containment

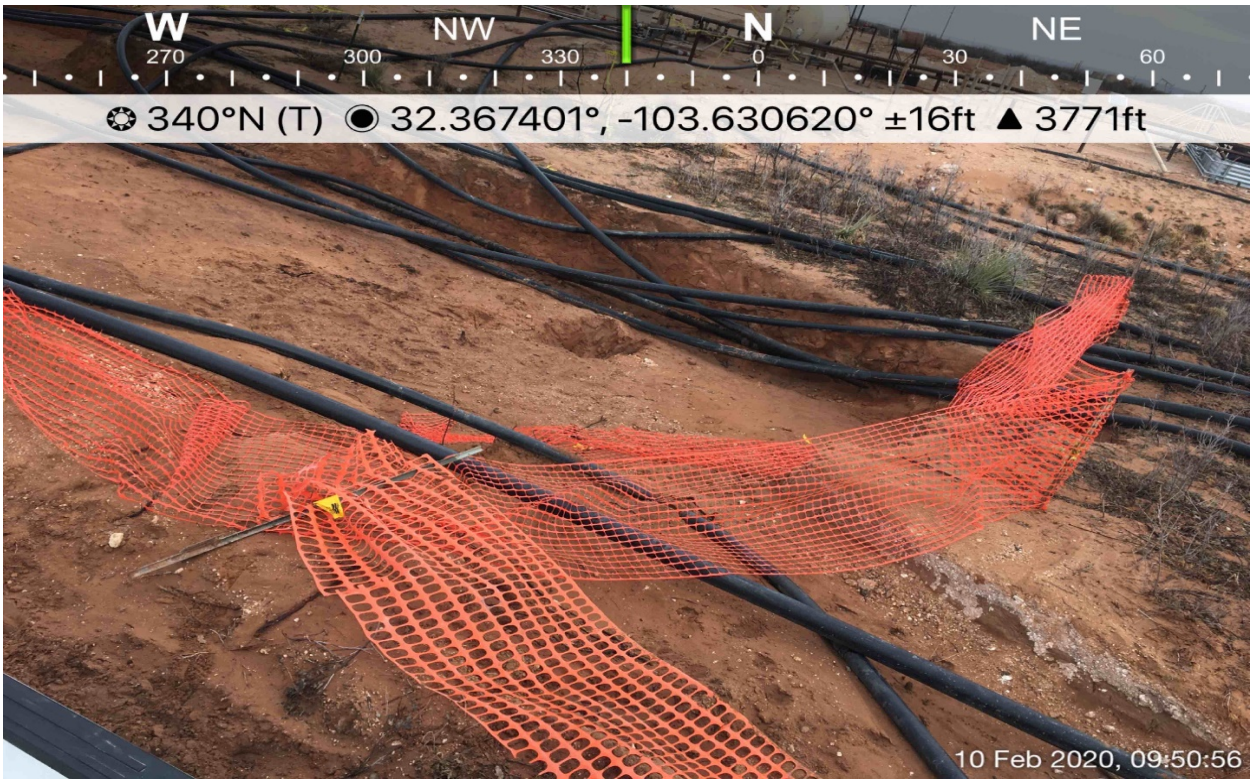


Excavated Area at and Nearby the Header

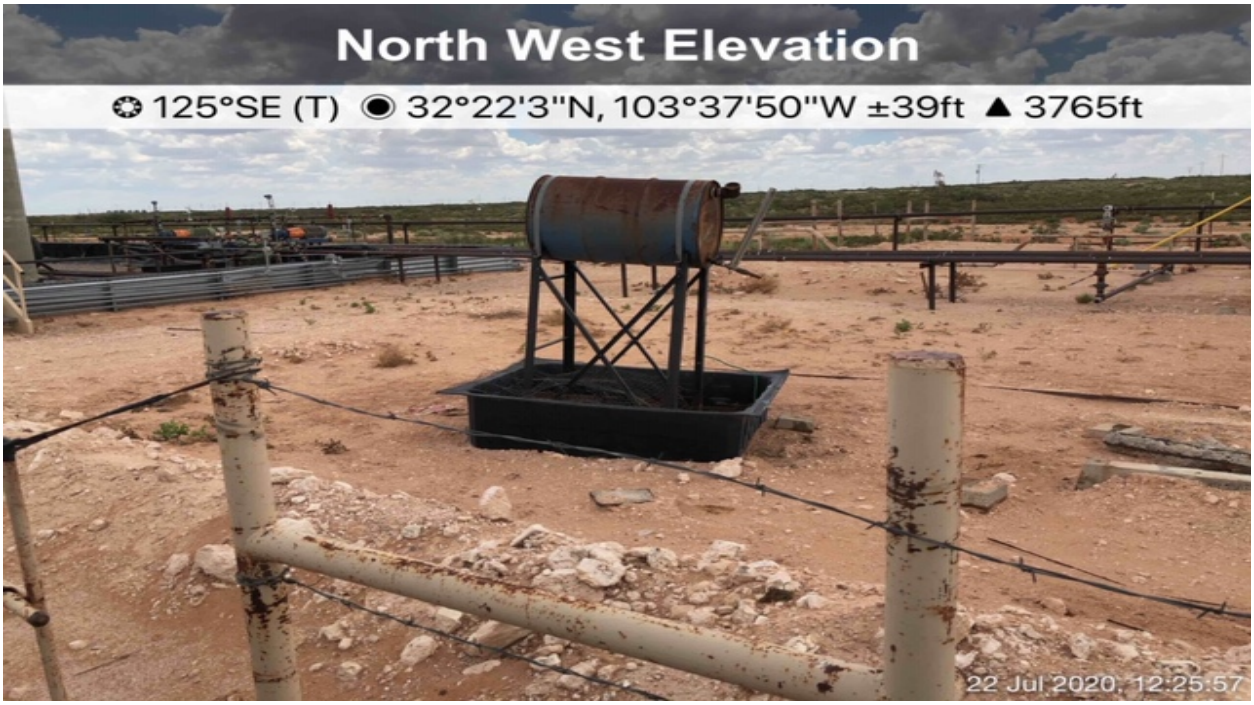


Excavated Area Outside the Pad Containment in the Pasture Looking East

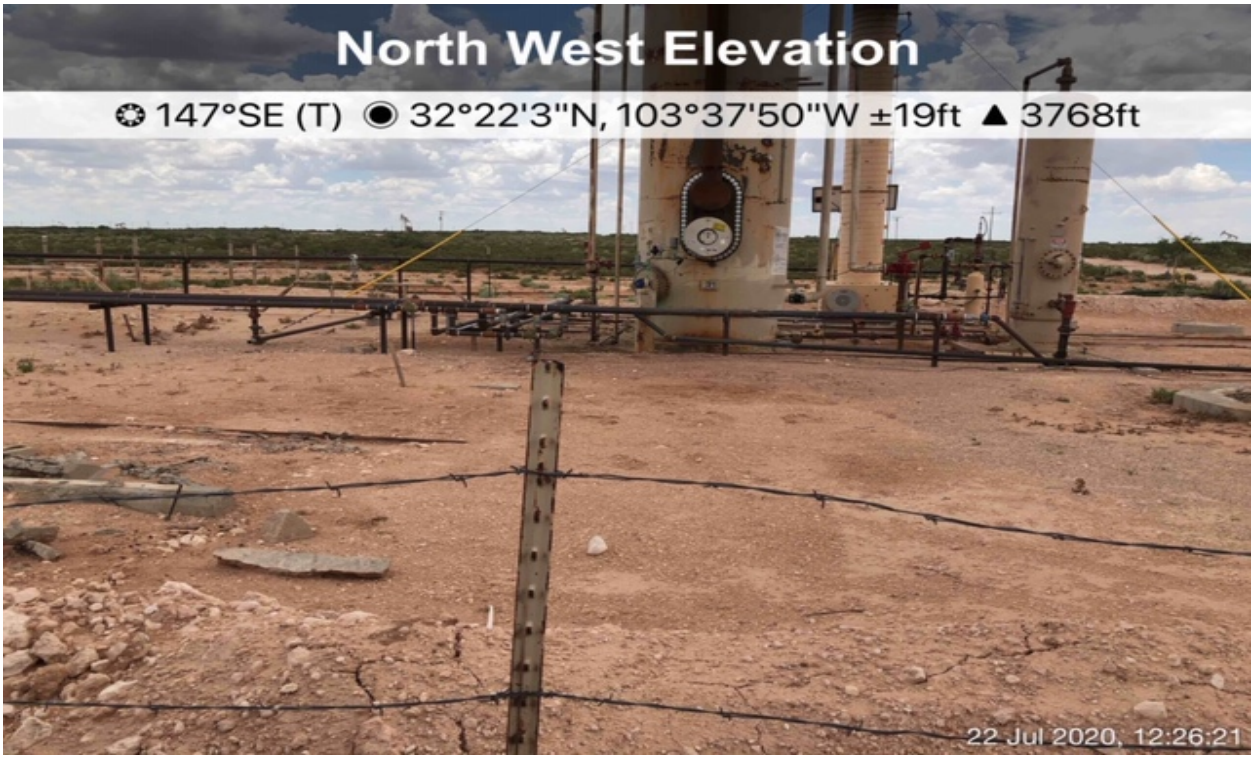
Excavation Area in the Pasture Looking Westward



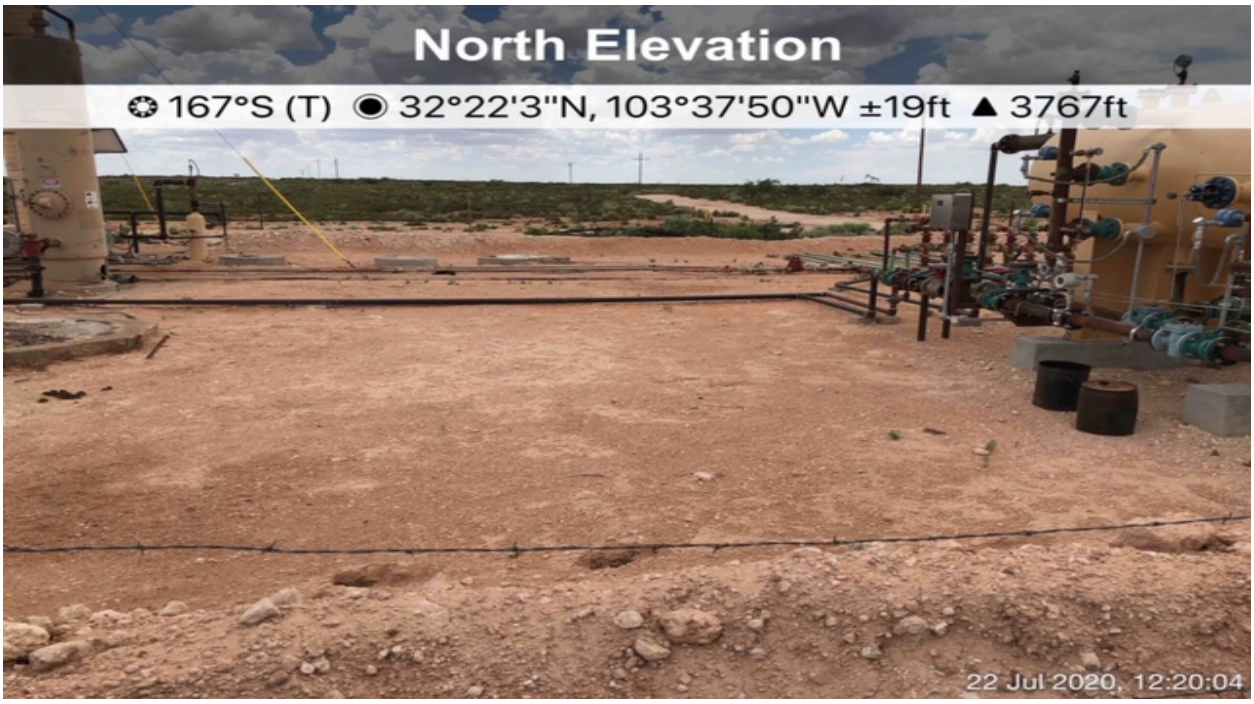
Eastern End of the Excavation Looking Northward



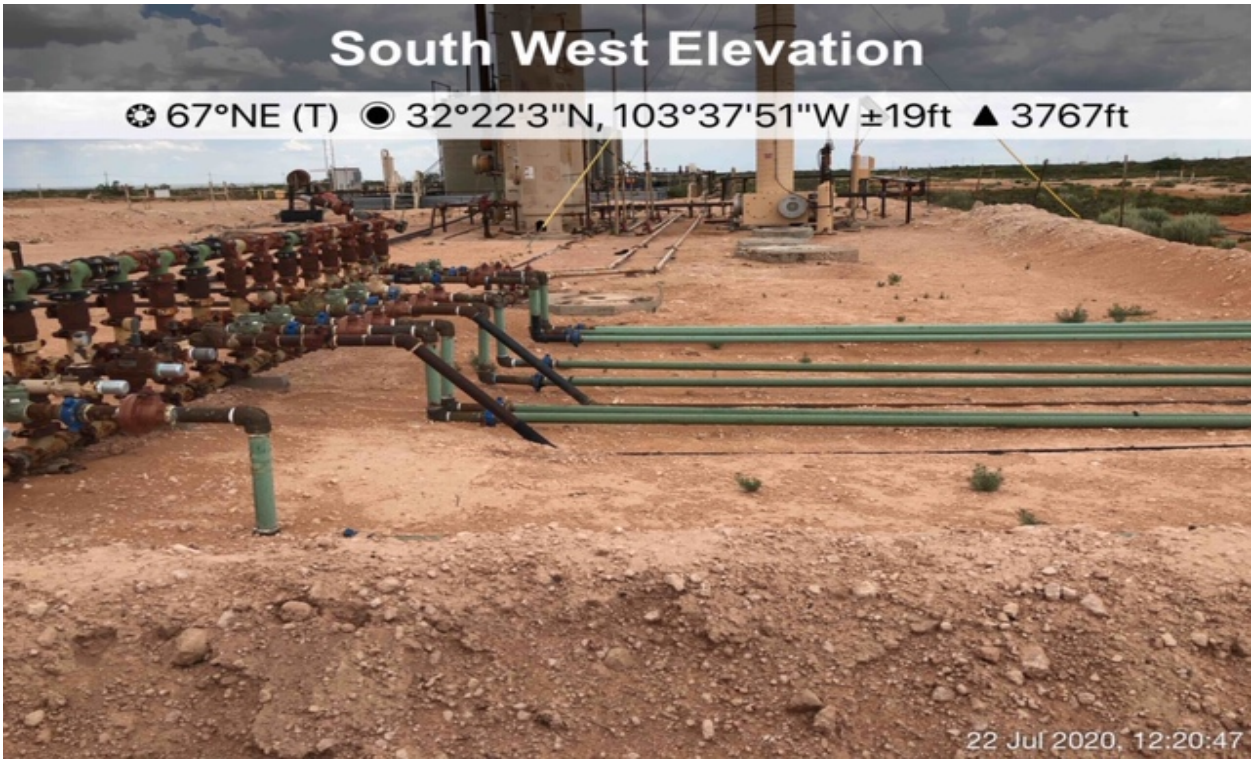
Remediated Eastern End of the Release Area Inside the Containment Looking to the East-Southeast



Remediated Central Portion of the Release Area Inside the Containment Looking to the South-Southeast



Remediated Western End of the Release Area Inside the Containment Area Looking Southward



Remediated Source Area at Manifold. Rebuilt Berms in Foreground Looking Northeast

Backfilled Pasture Area Looking Easterly

Backfilled Pasture Area Looking Westerly

Appendix D

Laboratory Analytical Reports

Certificate of Analysis Summary 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Oxy Covington A Federal #6

Project Id:

Contact: Ben Arguijo

Project Location: C-29 and Mills Ranch Rd

Date Received in Lab: Mon Jan-20-20 10:20 am

Report Date: 27-JAN-20

Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	649567-001		649567-002		649567-003		649567-004		649567-005		649567-006	
	Field Id:	SP-1 Surface		SP-1 @ 3 ft		SP-1 East Composite		SP-1 North Composite		SP-1 South Composite		SP-1 Floor Composite	
	Depth:			3- ft		6- In		6- In		6- In		6- In	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jan-09-20 09:40		Jan-09-20 09:45		Jan-09-20 09:50		Jan-09-20 09:55		Jan-09-20 10:00		Jan-16-20 08:50	
BTEX by EPA 8021B SUB: T104704219-19-21	***Extracted:***	Jan-22-20 11:30		Jan-22-20 11:30		Jan-22-20 11:30		Jan-22-20 11:30		Jan-22-20 11:30		Jan-22-20 11:30	
	Analyzed:	Jan-22-20 19:58		Jan-22-20 21:33		Jan-22-20 21:57		Jan-22-20 22:20		Jan-22-20 22:44		Jan-23-20 22:50	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00904	0.0200	<0.00900	0.0199	<0.00904	0.0200	<0.00904	0.0200	<0.00899	0.0199	<0.00906	0.0200
Toluene		<0.00468	0.0200	<0.00466	0.0199	<0.00468	0.0200	<0.00468	0.0200	<0.00465	0.0199	<0.00469	0.0200
Ethylbenzene		<0.00616	0.0200	<0.00614	0.0199	<0.00616	0.0200	<0.00616	0.0200	<0.00612	0.0199	<0.00617	0.0200
m,p-Xylenes		<0.00682	0.0400	<0.00679	0.0398	<0.00682	0.0400	<0.00682	0.0400	<0.00678	0.0398	<0.00683	0.0401
o-Xylene		<0.00682	0.0200	<0.00679	0.0199	<0.00682	0.0200	<0.00682	0.0200	<0.00678	0.0199	<0.00683	0.0200
Total Xylenes		<0.00682	0.0200	<0.00679	0.0199	<0.00682	0.0200	<0.00682	0.0200	<0.00678	0.0199	<0.00683	0.0200
Total BTEX		<0.00468	0.0200	<0.00466	0.0199	<0.00468	0.0200	<0.00468	0.0200	<0.00465	0.0199	<0.00469	0.0200
Chloride by EPA 300	***Extracted:***	Jan-21-20 13:00		Jan-21-20 13:00		Jan-21-20 13:00		Jan-21-20 13:00		Jan-21-20 13:00		Jan-21-20 13:00	
	Analyzed:	Jan-21-20 15:54		Jan-21-20 16:01		Jan-21-20 16:08		Jan-21-20 16:22		Jan-21-20 16:15		Jan-21-20 17:01	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		10300	101	304	4.96	16700	99.6	108	5.00	6550	49.5	8600	50.3
TPH By SW8015 Mod	***Extracted:***	Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00	
	Analyzed:	Jan-22-20 17:43		Jan-22-20 18:40		Jan-22-20 18:59		Jan-22-20 19:18		Jan-22-20 19:36		Jan-22-20 19:56	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	50.0	<15.0	50.0	<15.0	49.9	<14.9	49.8	<15.0	50.0	<15.0	49.9
Diesel Range Organics (DRO)		38.0 J	50.0	<15.0	50.0	31.3 J	49.9	25.8 J	49.8	35.2 J	50.0	71.0	49.9
Motor Oil Range Hydrocarbons (MRO)		<15.0	50.0	<15.0	50.0	<15.0	49.9	<14.9	49.8	<15.0	50.0	16.2 J	49.9
Total TPH		38.0 J	50.0	<15.0	50.0	31.3 J	49.9	25.8 J	49.8	35.2 J	50.0	87.2	49.9

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Holly Taylor
Project Manager

Final 1.000

Certificate of Analysis Summary 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Oxy Covington A Federal #6

Project Id:

Contact: Ben Arguijo

Project Location: C-29 and Mills Ranch Rd

Date Received in Lab: Mon Jan-20-20 10:20 am

Report Date: 27-JAN-20

Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	649567-007		649567-008		649567-009		649567-010		649567-011		649567-012	
	Field Id:	SP-2 Surface		SP-2 @ 3 ft		SP-2 Floor Composite		SP-2 North Composite		SP-2 West Composite		SP-3 Surface	
	Depth:			3- ft		6- In		6- In		6- In			
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jan-09-20 10:07		Jan-09-20 10:09		Jan-16-20 08:50		Jan-09-20 10:10		Jan-09-20 10:15		Jan-09-20 10:20	
BTEX by EPA 8021B SUB: T104704219-19-21	***Extracted:***	Jan-22-20 11:30		Jan-22-20 11:30		Jan-23-20 15:00		Jan-22-20 11:30		Jan-22-20 11:30		Jan-22-20 11:30	
	Analyzed:	Jan-22-20 23:07		Jan-22-20 23:31		Jan-23-20 21:50		Jan-22-20 23:55		Jan-23-20 00:19		Jan-23-20 00:43	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00906	0.0200	<0.00911	0.0202	<0.00911	0.0202	<0.00895	0.0198	<0.00895	0.0198	<0.00895	0.0198
Toluene		<0.00469	0.0200	<0.00472	0.0202	<0.00472	0.0202	0.00990 J	0.0198	<0.00463	0.0198	<0.00463	0.0198
Ethylbenzene		<0.00617	0.0200	<0.00621	0.0202	<0.00621	0.0202	<0.00610	0.0198	<0.00610	0.0198	<0.00610	0.0198
m,p-Xylenes		<0.00683	0.0401	<0.00688	0.0403	<0.00688	0.0403	<0.00675	0.0396	<0.00675	0.0396	<0.00675	0.0396
o-Xylene		<0.00683	0.0200	<0.00688	0.0202	<0.00688	0.0202	<0.00675	0.0198	<0.00675	0.0198	<0.00675	0.0198
Total Xylenes		<0.00683	0.0200	<0.00688	0.0202	<0.00688	0.0202	<0.00675	0.0198	<0.00675	0.0198	<0.00675	0.0198
Total BTEX		<0.00469	0.0200	<0.00472	0.0202	<0.00472	0.0202	0.00990 J	0.0198	<0.00463	0.0198	<0.00463	0.0198
Chloride by EPA 300	***Extracted:***	Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20	
	Analyzed:	Jan-21-20 23:25		Jan-21-20 23:03		Jan-21-20 23:32		Jan-21-20 23:39		Jan-21-20 23:46		Jan-22-20 00:07	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		7410	50.0	23.7	4.96	11200	101	2200	25.1	3380	24.9	7640	49.7
TPH By SW8015 Mod	***Extracted:***	Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00	
	Analyzed:	Jan-22-20 20:14		Jan-22-20 20:33		Jan-22-20 20:52		Jan-22-20 21:11		Jan-22-20 21:48		Jan-22-20 22:07	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	49.9	<15.0	50.0	<14.9	49.8	<15.0	50.0	<15.0	50.0	<15.0	49.9
Diesel Range Organics (DRO)		97.7	49.9	<15.0	50.0	78.7	49.8	67.1	50.0	101	50.0	90.3	49.9
Motor Oil Range Hydrocarbons (MRO)		21.5 J	49.9	<15.0	50.0	17.8 J	49.8	23.5 J	50.0	37.1 J	50.0	25.1 J	49.9
Total TPH		119	49.9	<15.0	50.0	96.5	49.8	90.6	50.0	138	50.0	115	49.9

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Holly Taylor
Project Manager

Final 1.000

Certificate of Analysis Summary 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Oxy Covington A Federal #6

Project Id:

Contact: Ben Arguijo

Project Location: C-29 and Mills Ranch Rd

Date Received in Lab: Mon Jan-20-20 10:20 am

Report Date: 27-JAN-20

Project Manager: Holly Taylor

Analysis Requested													
	Lab Id:	649567-013		649567-014		649567-015		649567-016		649567-017		649567-018	
	Field Id:	SP-3 @ 3 ft		SP-3 @ Floor		SP-3 East Composite		SP-3 South Composite		SP-4 Surface		SP-4 @ 3 ft	
	Depth:	3- ft		6- In		6- In		6- In				3- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jan-09-20 10:25		Jan-16-20 08:55		Jan-09-20 10:35		Jan-09-20 10:30		Jan-09-20 10:40		Jan-09-20 10:45	
BTEX by EPA 8021B SUB: T104704219-19-21	*Extracted:*	Jan-22-20 11:30		Jan-23-20 15:00		Jan-22-20 11:30		Jan-22-20 11:30		Jan-22-20 11:30		Jan-22-20 11:30	
	Analyzed:	Jan-23-20 02:18		Jan-23-20 22:14		Jan-23-20 02:42		Jan-23-20 03:06		Jan-23-20 03:30		Jan-23-20 03:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00906	0.0200	<0.00908	0.0201	<0.0180	0.0398	<0.00909	0.0201	<0.00906	0.0200	<0.00906	0.0200
Toluene		<0.00469	0.0200	<0.00470	0.0201	<0.00932	0.0398	<0.00471	0.0201	<0.00469	0.0200	<0.00469	0.0200
Ethylbenzene		<0.00617	0.0200	<0.00618	0.0201	<0.0123	0.0398	<0.00620	0.0201	<0.00617	0.0200	<0.00617	0.0200
m,p-Xylenes		<0.00683	0.0401	<0.00685	0.0402	<0.0136	0.0797	<0.00686	0.0402	<0.00683	0.0401	<0.00683	0.0401
o-Xylene		<0.00683	0.0200	<0.00685	0.0201	<0.0136	0.0398	<0.00686	0.0201	<0.00683	0.0200	<0.00683	0.0200
Total Xylenes		<0.00683	0.0200	<0.00685	0.0201	<0.0136	0.0398	<0.00686	0.0201	<0.00683	0.0200	<0.00683	0.0200
Total BTEX		<0.00469	0.0200	<0.00470	0.0201	<0.00932	0.0398	<0.00471	0.0201	<0.00469	0.0200	<0.00469	0.0200
Chloride by EPA 300	*Extracted:*	Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20	
	Analyzed:	Jan-22-20 00:14		Jan-22-20 08:21		Jan-22-20 00:28		Jan-22-20 00:35		Jan-22-20 00:42		Jan-22-20 01:03	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		644	4.95	14600	100	124	4.99	105	4.96	98.5	4.95	39.4	4.96
TPH By SW8015 Mod	*Extracted:*	Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00		Jan-22-20 09:00	
	Analyzed:	Jan-22-20 22:27		Jan-22-20 22:46		Jan-22-20 23:05		Jan-22-20 23:24		Jan-22-20 23:43		Jan-23-20 00:01	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	49.9	<14.9	49.8	<74.9	250	<15.0	49.9	<15.0	49.9	<15.0	50.0
Diesel Range Organics (DRO)		19.2 J	49.9	23.8 J	49.8	3780	250	197	49.9	52.1	49.9	<15.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<15.0	49.9	<14.9	49.8	941	250	67.1	49.9	22.9 J	49.9	<15.0	50.0
Total TPH		19.2 J	49.9	23.8 J	49.8	4720	250	264	49.9	75.0	49.9	<15.0	50.0

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Holly Taylor
Project Manager

Final 1.000

Certificate of Analysis Summary 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Oxy Covington A Federal #6

Project Id:
Contact: Ben Arguijo
Project Location: C-29 and Mills Ranch Rd

Date Received in Lab: Mon Jan-20-20 10:20 am
Report Date: 27-JAN-20
Project Manager: Holly Taylor

Analysis Requested	Lab Id:	649567-019		649567-020		649567-021		649567-022		649567-023		649567-024	
	Field Id:	SP-4 South Wall @ 2 ft Com		SP-4 West Wall @ 2 ft Comp		SP-4 Floor Composite		SP-5 Surface		SP-5 @ 6 ft		SP-5 @ Floor	
	Depth:	2- ft		2- ft		2- ft				6- ft		4- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jan-09-20 10:50		Jan-09-20 10:55		Jan-16-20 09:00		Jan-09-20 11:05		Jan-09-20 11:10		Jan-16-20 09:50	
BTEX by EPA 8021B SUB: T104704219-19-21	Extracted:	Jan-22-20 11:30		Jan-22-20 11:30		Jan-23-20 15:00		Jan-22-20 11:30		Jan-22-20 11:30		Jan-23-20 15:00	
	Analyzed:	Jan-23-20 04:19		Jan-23-20 04:44		Jan-23-20 22:38		Jan-23-20 05:08		Jan-23-20 05:32		Jan-23-20 23:02	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00902	0.0200	<0.00897	0.0198	<0.00906	0.0200	<0.00897	0.0198	<0.00906	0.0200	<0.00908	0.0201
Toluene		<0.00467	0.0200	<0.00464	0.0198	<0.00469	0.0200	<0.00464	0.0198	<0.00469	0.0200	<0.00470	0.0201
Ethylbenzene		<0.00615	0.0200	<0.00611	0.0198	<0.00617	0.0200	<0.00611	0.0198	<0.00617	0.0200	<0.00618	0.0201
m,p-Xylenes		<0.00681	0.0399	<0.00677	0.0397	<0.00683	0.0401	<0.00677	0.0397	<0.00683	0.0401	<0.00685	0.0402
o-Xylene		<0.00681	0.0200	<0.00677	0.0198	<0.00683	0.0200	<0.00677	0.0198	<0.00683	0.0200	<0.00685	0.0201
Total Xylenes		<0.00681	0.0200	<0.00677	0.0198	<0.00683	0.0200	<0.00677	0.0198	<0.00683	0.0200	<0.00685	0.0201
Total BTEX		<0.00467	0.0200	<0.00464	0.0198	<0.00469	0.0200	<0.00464	0.0198	<0.00469	0.0200	<0.00470	0.0201
Chloride by EPA 300	Extracted:	Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:20	
	Analyzed:	Jan-22-20 01:10		Jan-22-20 01:31		Jan-22-20 01:38		Jan-22-20 01:45		Jan-22-20 01:52		Jan-22-20 01:59	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		<5.00	5.00	23.7	5.03	73.0	4.98	7.45	5.05	204	5.00	1460	5.00
TPH By SW8015 Mod	Extracted:	Jan-22-20 09:00		Jan-22-20 09:00		Jan-21-20 11:00		Jan-21-20 11:00		Jan-21-20 11:00		Jan-21-20 11:00	
	Analyzed:	Jan-23-20 00:20		Jan-23-20 00:39		Jan-21-20 12:41		Jan-21-20 13:44		Jan-21-20 14:05		Jan-21-20 14:26	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	50.0	<15.0	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		<15.0	50.0	<15.0	49.9	<50.0	50.0	314	49.9	<49.8	49.8	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<15.0	50.0	<15.0	49.9	<50.0	50.0	128	49.9	<49.8	49.8	<50.0	50.0
Total TPH		<15.0	50.0	<15.0	49.9	<50.0	50.0	442	49.9	<49.8	49.8	<50.0	50.0

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager

Final 1.000

Certificate of Analysis Summary 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Oxy Covington A Federal #6

Project Id:

Contact: Ben Arguijo

Project Location: C-29 and Mills Ranch Rd

Date Received in Lab: Mon Jan-20-20 10:20 am

Report Date: 27-JAN-20

Project Manager: Holly Taylor

Analysis Requested									
	Lab Id:	649567-025		649567-026		649567-027			
	Field Id:	SP-5 North Wall Composite		SP-5 South Wall Composite		SP-5 East Wall Composite			
	Depth:	2- ft		2- ft		2- ft			
	Matrix:	SOIL		SOIL		SOIL			
	Sampled:	Jan-13-20 10:28		Jan-13-20 11:10		Jan-13-20 11:00			
BTEX by EPA 8021B SUB: T104704219-19-21	***Extracted:***	Jan-23-20 15:00		Jan-23-20 15:00		Jan-23-20 15:00			
	Analyzed:	Jan-23-20 23:27		Jan-23-20 23:51		Jan-24-20 00:15			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Benzene		<0.00908	0.0201	<0.00911	0.0202	<0.00895	0.0198		
Toluene		<0.00470	0.0201	<0.00472	0.0202	<0.00463	0.0198		
Ethylbenzene		<0.00618	0.0201	<0.00621	0.0202	<0.00610	0.0198		
m,p-Xylenes		<0.00685	0.0402	<0.00688	0.0403	<0.00675	0.0396		
o-Xylene		<0.00685	0.0201	<0.00688	0.0202	<0.00675	0.0198		
Total Xylenes		<0.00685	0.0201	<0.00688	0.0202	<0.00675	0.0198		
Total BTEX		<0.00470	0.0201	<0.00472	0.0202	<0.00463	0.0198		
Chloride by EPA 300	***Extracted:***	Jan-21-20 13:20		Jan-21-20 13:20		Jan-21-20 13:40			
	Analyzed:	Jan-22-20 02:06		Jan-22-20 02:13		Jan-21-20 17:20			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Chloride		14.6	5.00	<5.04	5.04	<5.01	5.01		
TPH By SW8015 Mod	***Extracted:***	Jan-21-20 11:00		Jan-21-20 11:00		Jan-21-20 11:00			
	Analyzed:	Jan-21-20 14:48		Jan-21-20 15:09		Jan-21-20 15:31			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0		
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0		
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0		
Total TPH		<49.9	49.9	<49.9	49.9	<50.0	50.0		

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager

Final 1.000

Analytical Report 649567

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo

Oxy Covington A Federal #6

27-JAN-20

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

27-JAN-20

Project Manager: **Ben Arguijo**
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, NM 88241

Reference: XENCO Report No(s): **649567**
Oxy Covington A Federal #6
Project Address: C-29 and Mills Ranch Rd

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 649567. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 649567 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Holly Taylor

Holly Taylor
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Sample Cross Reference 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-1 Surface	S	01-09-20 09:40		649567-001
SP-1 @ 3 ft	S	01-09-20 09:45	3 ft	649567-002
SP-1 East Composite	S	01-09-20 09:50	6 In	649567-003
SP-1 North Composite	S	01-09-20 09:55	6 In	649567-004
SP-1 South Composite	S	01-09-20 10:00	6 In	649567-005
SP-1 Floor Composite	S	01-16-20 08:50	6 In	649567-006
SP-2 Surface	S	01-09-20 10:07		649567-007
SP-2 @ 3 ft	S	01-09-20 10:09	3 ft	649567-008
SP-2 Floor Composite	S	01-16-20 08:50	6 In	649567-009
SP-2 North Composite	S	01-09-20 10:10	6 In	649567-010
SP-2 West Composite	S	01-09-20 10:15	6 In	649567-011
SP-3 Surface	S	01-09-20 10:20		649567-012
SP-3 @ 3 ft	S	01-09-20 10:25	3 ft	649567-013
SP-3 @ Floor	S	01-16-20 08:55	6 In	649567-014
SP-3 East Composite	S	01-09-20 10:35	6 In	649567-015
SP-3 South Composite	S	01-09-20 10:30	6 In	649567-016
SP-4 Surface	S	01-09-20 10:40		649567-017
SP-4 @ 3 ft	S	01-09-20 10:45	3 ft	649567-018
SP-4 South Wall @ 2 ft Composite	S	01-09-20 10:50	2 ft	649567-019
SP-4 West Wall @ 2 ft Composite	S	01-09-20 10:55	2 ft	649567-020
SP-4 Floor Composite	S	01-16-20 09:00	2 ft	649567-021
SP-5 Surface	S	01-09-20 11:05		649567-022
SP-5 @ 6 ft	S	01-09-20 11:10	6 ft	649567-023
SP-5 @ Floor	S	01-16-20 09:50	4 ft	649567-024
SP-5 North Wall Composite	S	01-13-20 10:28	2 ft	649567-025
SP-5 South Wall Composite	S	01-13-20 11:10	2 ft	649567-026
SP-5 East Wall Composite	S	01-13-20 11:00	2 ft	649567-027

CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Oxy Covington A Federal #6

Project ID:
Work Order Number(s): *649567*

Report Date: *27-JAN-20*
Date Received: *01/20/2020*

This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory.

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3114026 Chloride by EPA 300
Lab Sample ID 649567-017 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 649567-007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020, -021, -022, -023, -024, -025, -026.
The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3114151 BTEX by EPA 8021B
Sample 649567-015 was diluted due to hydrocarbons beyond xylene.

Batch: LBA-3114310 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3114463 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-001	Date Collected:	01.09.20 09.40		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.00	Basis:	Wet Weight
Seq Number:	3114018				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**10300**	101	17.3	mg/kg	01.21.20 15.54		20

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	50.0	15.0	mg/kg	01.22.20 17.43	U	1
Diesel Range Organics (DRO)	C10C28DRO	**38.0**	50.0	15.0	mg/kg	01.22.20 17.43	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	50.0	15.0	mg/kg	01.22.20 17.43	U	1
Total TPH	PHC635	**38.0**	50.0	15.0	mg/kg	01.22.20 17.43	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	01.22.20 17.43	
o-Terphenyl	84-15-1	95	%	70-135	01.22.20 17.43	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-001	Date Collected:	01.09.20 09.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00904	0.0200	0.00904	mg/kg	01.22.20 19.58	U	1
Toluene	108-88-3	<0.00468	0.0200	0.00468	mg/kg	01.22.20 19.58	U	1
Ethylbenzene	100-41-4	<0.00616	0.0200	0.00616	mg/kg	01.22.20 19.58	U	1
m,p-Xylenes	179601-23-1	<0.00682	0.0400	0.00682	mg/kg	01.22.20 19.58	U	1
o-Xylene	95-47-6	<0.00682	0.0200	0.00682	mg/kg	01.22.20 19.58	U	1
Total Xylenes	1330-20-7	<0.00682	0.0200	0.00682	mg/kg	01.22.20 19.58	U	1
Total BTEX		<0.00468	0.0200	0.00468	mg/kg	01.22.20 19.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	68-120	01.22.20 19.58	
a,a,a-Trifluorotoluene	98-08-8	116	%	71-121	01.22.20 19.58	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 @ 3 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-002	Date Collected:	01.09.20 09.45	Sample Depth:	3 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.00	Basis:	Wet Weight
Seq Number:	3114018				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**304**	4.96	0.852	mg/kg	01.21.20 16.01		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	50.0	15.0	mg/kg	01.22.20 18.40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	50.0	15.0	mg/kg	01.22.20 18.40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	50.0	15.0	mg/kg	01.22.20 18.40	U	1
Total TPH	PHC635	<15.0	50.0	15.0	mg/kg	01.22.20 18.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	01.22.20 18.40	
o-Terphenyl	84-15-1	99	%	70-135	01.22.20 18.40	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 @ 3 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-002	Date Collected:	01.09.20 09.45	Sample Depth:	3 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00900	0.0199	0.00900	mg/kg	01.22.20 21.33	U	1
Toluene	108-88-3	<0.00466	0.0199	0.00466	mg/kg	01.22.20 21.33	U	1
Ethylbenzene	100-41-4	<0.00614	0.0199	0.00614	mg/kg	01.22.20 21.33	U	1
m,p-Xylenes	179601-23-1	<0.00679	0.0398	0.00679	mg/kg	01.22.20 21.33	U	1
o-Xylene	95-47-6	<0.00679	0.0199	0.00679	mg/kg	01.22.20 21.33	U	1
Total Xylenes	1330-20-7	<0.00679	0.0199	0.00679	mg/kg	01.22.20 21.33	U	1
Total BTEX		<0.00466	0.0199	0.00466	mg/kg	01.22.20 21.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	68-120	01.22.20 21.33	
a,a,a-Trifluorotoluene	98-08-8	114	%	71-121	01.22.20 21.33	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 East Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-003	Date Collected:	01.09.20 09.50	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.00	Basis:	Wet Weight
Seq Number:	3114018				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**16700**	99.6	17.1	mg/kg	01.21.20 16.08		20

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	49.9	15.0	mg/kg	01.22.20 18.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	**31.3**	49.9	15.0	mg/kg	01.22.20 18.59	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	49.9	15.0	mg/kg	01.22.20 18.59	U	1
Total TPH	PHC635	**31.3**	49.9	15.0	mg/kg	01.22.20 18.59	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-135	01.22.20 18.59	
o-Terphenyl	84-15-1	89	%	70-135	01.22.20 18.59	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 East Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-003	Date Collected:	01.09.20 09.50	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00904	0.0200	0.00904	mg/kg	01.22.20 21.57	U	1
Toluene	108-88-3	<0.00468	0.0200	0.00468	mg/kg	01.22.20 21.57	U	1
Ethylbenzene	100-41-4	<0.00616	0.0200	0.00616	mg/kg	01.22.20 21.57	U	1
m,p-Xylenes	179601-23-1	<0.00682	0.0400	0.00682	mg/kg	01.22.20 21.57	U	1
o-Xylene	95-47-6	<0.00682	0.0200	0.00682	mg/kg	01.22.20 21.57	U	1
Total Xylenes	1330-20-7	<0.00682	0.0200	0.00682	mg/kg	01.22.20 21.57	U	1
Total BTEX		<0.00468	0.0200	0.00468	mg/kg	01.22.20 21.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	78	%	68-120	01.22.20 21.57	
a,a,a-Trifluorotoluene	98-08-8	84	%	71-121	01.22.20 21.57	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 North Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-004	Date Collected:	01.09.20 09.55	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.00	Basis:	Wet Weight
Seq Number:	3114018				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**108**	5.00	0.858	mg/kg	01.21.20 16.22		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	49.8	14.9	mg/kg	01.22.20 19.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	**25.8**	49.8	14.9	mg/kg	01.22.20 19.18	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	49.8	14.9	mg/kg	01.22.20 19.18	U	1
Total TPH	PHC635	**25.8**	49.8	14.9	mg/kg	01.22.20 19.18	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	01.22.20 19.18	
o-Terphenyl	84-15-1	93	%	70-135	01.22.20 19.18	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 North Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-004	Date Collected:	01.09.20 09.55	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00904	0.0200	0.00904	mg/kg	01.22.20 22.20	U	1
Toluene	108-88-3	<0.00468	0.0200	0.00468	mg/kg	01.22.20 22.20	U	1
Ethylbenzene	100-41-4	<0.00616	0.0200	0.00616	mg/kg	01.22.20 22.20	U	1
m,p-Xylenes	179601-23-1	<0.00682	0.0400	0.00682	mg/kg	01.22.20 22.20	U	1
o-Xylene	95-47-6	<0.00682	0.0200	0.00682	mg/kg	01.22.20 22.20	U	1
Total Xylenes	1330-20-7	<0.00682	0.0200	0.00682	mg/kg	01.22.20 22.20	U	1
Total BTEX		<0.00468	0.0200	0.00468	mg/kg	01.22.20 22.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	78	%	68-120	01.22.20 22.20	
a,a,a-Trifluorotoluene	98-08-8	88	%	71-121	01.22.20 22.20	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 South Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-005	Date Collected:	01.09.20 10.00	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.00	Basis:	Wet Weight
Seq Number:	3114018				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**6550**	49.5	8.50	mg/kg	01.21.20 16.15		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	50.0	15.0	mg/kg	01.22.20 19.36	U	1
Diesel Range Organics (DRO)	C10C28DRO	**35.2**	50.0	15.0	mg/kg	01.22.20 19.36	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	50.0	15.0	mg/kg	01.22.20 19.36	U	1
Total TPH	PHC635	**35.2**	50.0	15.0	mg/kg	01.22.20 19.36	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-135	01.22.20 19.36	
o-Terphenyl	84-15-1	88	%	70-135	01.22.20 19.36	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 South Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-005	Date Collected:	01.09.20 10.00	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00899	0.0199	0.00899	mg/kg	01.22.20 22.44	U	1
Toluene	108-88-3	<0.00465	0.0199	0.00465	mg/kg	01.22.20 22.44	U	1
Ethylbenzene	100-41-4	<0.00612	0.0199	0.00612	mg/kg	01.22.20 22.44	U	1
m,p-Xylenes	179601-23-1	<0.00678	0.0398	0.00678	mg/kg	01.22.20 22.44	U	1
o-Xylene	95-47-6	<0.00678	0.0199	0.00678	mg/kg	01.22.20 22.44	U	1
Total Xylenes	1330-20-7	<0.00678	0.0199	0.00678	mg/kg	01.22.20 22.44	U	1
Total BTEX		<0.00465	0.0199	0.00465	mg/kg	01.22.20 22.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	80	%	68-120	01.22.20 22.44	
a,a,a-Trifluorotoluene	98-08-8	95	%	71-121	01.22.20 22.44	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 Floor Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-006	Date Collected:	01.16.20 08.50	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.00	Basis:	Wet Weight
Seq Number:	3114018				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8600**	50.3	8.64	mg/kg	01.21.20 17.01		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	49.9	15.0	mg/kg	01.22.20 19.56	U	1
Diesel Range Organics (DRO)	C10C28DRO	**71.0**	49.9	15.0	mg/kg	01.22.20 19.56		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**16.2**	49.9	15.0	mg/kg	01.22.20 19.56	J	1
Total TPH	PHC635	**87.2**	49.9	15.0	mg/kg	01.22.20 19.56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	01.22.20 19.56	
o-Terphenyl	84-15-1	92	%	70-135	01.22.20 19.56	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-1 Floor Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-006	Date Collected:	01.16.20 08.50	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114310			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00906	0.0200	0.00906	mg/kg	01.23.20 22.50	U	1
Toluene	108-88-3	<0.00469	0.0200	0.00469	mg/kg	01.23.20 22.50	U	1
Ethylbenzene	100-41-4	<0.00617	0.0200	0.00617	mg/kg	01.23.20 22.50	U	1
m,p-Xylenes	179601-23-1	<0.00683	0.0401	0.00683	mg/kg	01.23.20 22.50	U	1
o-Xylene	95-47-6	<0.00683	0.0200	0.00683	mg/kg	01.23.20 22.50	U	1
Total Xylenes	1330-20-7	<0.00683	0.0200	0.00683	mg/kg	01.23.20 22.50	U	1
Total BTEX		<0.00469	0.0200	0.00469	mg/kg	01.23.20 22.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	68-120	01.23.20 22.50	
a,a,a-Trifluorotoluene	98-08-8	99	%	71-121	01.23.20 22.50	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-007	Date Collected:	01.09.20 10.07		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7410**	50.0	8.58	mg/kg	01.21.20 23.25		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	49.9	15.0	mg/kg	01.22.20 20.14	U	1
Diesel Range Organics (DRO)	C10C28DRO	**97.7**	49.9	15.0	mg/kg	01.22.20 20.14		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**21.5**	49.9	15.0	mg/kg	01.22.20 20.14	J	1
Total TPH	PHC635	**119**	49.9	15.0	mg/kg	01.22.20 20.14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	01.22.20 20.14	
o-Terphenyl	84-15-1	91	%	70-135	01.22.20 20.14	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-007	Date Collected:	01.09.20 10.07		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00906	0.0200	0.00906	mg/kg	01.22.20 23.07	U	1
Toluene	108-88-3	<0.00469	0.0200	0.00469	mg/kg	01.22.20 23.07	U	1
Ethylbenzene	100-41-4	<0.00617	0.0200	0.00617	mg/kg	01.22.20 23.07	U	1
m,p-Xylenes	179601-23-1	<0.00683	0.0401	0.00683	mg/kg	01.22.20 23.07	U	1
o-Xylene	95-47-6	<0.00683	0.0200	0.00683	mg/kg	01.22.20 23.07	U	1
Total Xylenes	1330-20-7	<0.00683	0.0200	0.00683	mg/kg	01.22.20 23.07	U	1
Total BTEX		<0.00469	0.0200	0.00469	mg/kg	01.22.20 23.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	68-120	01.22.20 23.07	
a,a,a-Trifluorotoluene	98-08-8	118	%	71-121	01.22.20 23.07	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 @ 3 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-008	Date Collected:	01.09.20 10.09	Sample Depth:	3 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**23.7**	4.96	0.852	mg/kg	01.21.20 23.03		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	50.0	15.0	mg/kg	01.22.20 20.33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	50.0	15.0	mg/kg	01.22.20 20.33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	50.0	15.0	mg/kg	01.22.20 20.33	U	1
Total TPH	PHC635	<15.0	50.0	15.0	mg/kg	01.22.20 20.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	01.22.20 20.33	
o-Terphenyl	84-15-1	89	%	70-135	01.22.20 20.33	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 @ 3 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-008	Date Collected:	01.09.20 10.09	Sample Depth:	3 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00911	0.0202	0.00911	mg/kg	01.22.20 23.31	U	1
Toluene	108-88-3	<0.00472	0.0202	0.00472	mg/kg	01.22.20 23.31	U	1
Ethylbenzene	100-41-4	<0.00621	0.0202	0.00621	mg/kg	01.22.20 23.31	U	1
m,p-Xylenes	179601-23-1	<0.00688	0.0403	0.00688	mg/kg	01.22.20 23.31	U	1
o-Xylene	95-47-6	<0.00688	0.0202	0.00688	mg/kg	01.22.20 23.31	U	1
Total Xylenes	1330-20-7	<0.00688	0.0202	0.00688	mg/kg	01.22.20 23.31	U	1
Total BTEX		<0.00472	0.0202	0.00472	mg/kg	01.22.20 23.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	68-120	01.22.20 23.31	
a,a,a-Trifluorotoluene	98-08-8	117	%	71-121	01.22.20 23.31	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 Floor Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-009	Date Collected:	01.16.20 08.50	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**11200**	101	17.3	mg/kg	01.21.20 23.32		20

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	49.8	14.9	mg/kg	01.22.20 20.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	**78.7**	49.8	14.9	mg/kg	01.22.20 20.52		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**17.8**	49.8	14.9	mg/kg	01.22.20 20.52	J	1
Total TPH	PHC635	**96.5**	49.8	14.9	mg/kg	01.22.20 20.52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	01.22.20 20.52	
o-Terphenyl	84-15-1	93	%	70-135	01.22.20 20.52	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 Floor Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-009	Date Collected:	01.16.20 08.50	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.23.20 15.00	Basis:	Wet Weight
Seq Number:	3114463			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00911	0.0202	0.00911	mg/kg	01.23.20 21.50	U	1
Toluene	108-88-3	<0.00472	0.0202	0.00472	mg/kg	01.23.20 21.50	U	1
Ethylbenzene	100-41-4	<0.00621	0.0202	0.00621	mg/kg	01.23.20 21.50	U	1
m,p-Xylenes	179601-23-1	<0.00688	0.0403	0.00688	mg/kg	01.23.20 21.50	U	1
o-Xylene	95-47-6	<0.00688	0.0202	0.00688	mg/kg	01.23.20 21.50	U	1
Total Xylenes	1330-20-7	<0.00688	0.0202	0.00688	mg/kg	01.23.20 21.50	U	1
Total BTEX		<0.00472	0.0202	0.00472	mg/kg	01.23.20 21.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	97	%	68-120	01.23.20 21.50	
a,a,a-Trifluorotoluene	98-08-8	108	%	71-121	01.23.20 21.50	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 North Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-010	Date Collected:	01.09.20 10.10	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**2200**	25.1	4.30	mg/kg	01.21.20 23.39		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	50.0	15.0	mg/kg	01.22.20 21.11	U	1
Diesel Range Organics (DRO)	C10C28DRO	**67.1**	50.0	15.0	mg/kg	01.22.20 21.11		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**23.5**	50.0	15.0	mg/kg	01.22.20 21.11	J	1
Total TPH	PHC635	**90.6**	50.0	15.0	mg/kg	01.22.20 21.11		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	01.22.20 21.11	
o-Terphenyl	84-15-1	90	%	70-135	01.22.20 21.11	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 North Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-010	Date Collected:	01.09.20 10.10	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00895	0.0198	0.00895	mg/kg	01.22.20 23.55	U	1
Toluene	108-88-3	**0.00990**	0.0198	0.00463	mg/kg	01.22.20 23.55	J	1
Ethylbenzene	100-41-4	<0.00610	0.0198	0.00610	mg/kg	01.22.20 23.55	U	1
m,p-Xylenes	179601-23-1	<0.00675	0.0396	0.00675	mg/kg	01.22.20 23.55	U	1
o-Xylene	95-47-6	<0.00675	0.0198	0.00675	mg/kg	01.22.20 23.55	U	1
Total Xylenes	1330-20-7	<0.00675	0.0198	0.00675	mg/kg	01.22.20 23.55	U	1
Total BTEX		**0.00990**	0.0198	0.00463	mg/kg	01.22.20 23.55	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	94	%	68-120	01.22.20 23.55	
a,a,a-Trifluorotoluene	98-08-8	114	%	71-121	01.22.20 23.55	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 West Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-011	Date Collected:	01.09.20 10.15	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**3380**	24.9	4.27	mg/kg	01.21.20 23.46		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	50.0	15.0	mg/kg	01.22.20 21.48	U	1
Diesel Range Organics (DRO)	C10C28DRO	**101**	50.0	15.0	mg/kg	01.22.20 21.48		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**37.1**	50.0	15.0	mg/kg	01.22.20 21.48	J	1
Total TPH	PHC635	**138**	50.0	15.0	mg/kg	01.22.20 21.48		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	01.22.20 21.48	
o-Terphenyl	84-15-1	89	%	70-135	01.22.20 21.48	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-2 West Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-011	Date Collected:	01.09.20 10.15	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00895	0.0198	0.00895	mg/kg	01.23.20 00.19	U	1
Toluene	108-88-3	<0.00463	0.0198	0.00463	mg/kg	01.23.20 00.19	U	1
Ethylbenzene	100-41-4	<0.00610	0.0198	0.00610	mg/kg	01.23.20 00.19	U	1
m,p-Xylenes	179601-23-1	<0.00675	0.0396	0.00675	mg/kg	01.23.20 00.19	U	1
o-Xylene	95-47-6	<0.00675	0.0198	0.00675	mg/kg	01.23.20 00.19	U	1
Total Xylenes	1330-20-7	<0.00675	0.0198	0.00675	mg/kg	01.23.20 00.19	U	1
Total BTEX		<0.00463	0.0198	0.00463	mg/kg	01.23.20 00.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	72	%	68-120	01.23.20 00.19	
a,a,a-Trifluorotoluene	98-08-8	84	%	71-121	01.23.20 00.19	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-012	Date Collected:	01.09.20 10.20		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7640**	49.7	8.53	mg/kg	01.22.20 00.07		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	49.9	15.0	mg/kg	01.22.20 22.07	U	1
Diesel Range Organics (DRO)	C10C28DRO	**90.3**	49.9	15.0	mg/kg	01.22.20 22.07		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**25.1**	49.9	15.0	mg/kg	01.22.20 22.07	J	1
Total TPH	PHC635	**115**	49.9	15.0	mg/kg	01.22.20 22.07		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-135	01.22.20 22.07	
o-Terphenyl	84-15-1	78	%	70-135	01.22.20 22.07	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-012	Date Collected:	01.09.20 10.20		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00895	0.0198	0.00895	mg/kg	01.23.20 00.43	U	1
Toluene	108-88-3	<0.00463	0.0198	0.00463	mg/kg	01.23.20 00.43	U	1
Ethylbenzene	100-41-4	<0.00610	0.0198	0.00610	mg/kg	01.23.20 00.43	U	1
m,p-Xylenes	179601-23-1	<0.00675	0.0396	0.00675	mg/kg	01.23.20 00.43	U	1
o-Xylene	95-47-6	<0.00675	0.0198	0.00675	mg/kg	01.23.20 00.43	U	1
Total Xylenes	1330-20-7	<0.00675	0.0198	0.00675	mg/kg	01.23.20 00.43	U	1
Total BTEX		<0.00463	0.0198	0.00463	mg/kg	01.23.20 00.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	77	%	68-120	01.23.20 00.43	
a,a,a-Trifluorotoluene	98-08-8	91	%	71-121	01.23.20 00.43	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 @ 3 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-013	Date Collected:	01.09.20 10.25	Sample Depth:	3 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**644**	4.95	0.850	mg/kg	01.22.20 00.14		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	49.9	15.0	mg/kg	01.22.20 22.27	U	1
Diesel Range Organics (DRO)	C10C28DRO	**19.2**	49.9	15.0	mg/kg	01.22.20 22.27	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	49.9	15.0	mg/kg	01.22.20 22.27	U	1
Total TPH	PHC635	**19.2**	49.9	15.0	mg/kg	01.22.20 22.27	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-135	01.22.20 22.27	
o-Terphenyl	84-15-1	101	%	70-135	01.22.20 22.27	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 @ 3 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-013	Date Collected:	01.09.20 10.25	Sample Depth:	3 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00906	0.0200	0.00906	mg/kg	01.23.20 02.18	U	1
Toluene	108-88-3	<0.00469	0.0200	0.00469	mg/kg	01.23.20 02.18	U	1
Ethylbenzene	100-41-4	<0.00617	0.0200	0.00617	mg/kg	01.23.20 02.18	U	1
m,p-Xylenes	179601-23-1	<0.00683	0.0401	0.00683	mg/kg	01.23.20 02.18	U	1
o-Xylene	95-47-6	<0.00683	0.0200	0.00683	mg/kg	01.23.20 02.18	U	1
Total Xylenes	1330-20-7	<0.00683	0.0200	0.00683	mg/kg	01.23.20 02.18	U	1
Total BTEX		<0.00469	0.0200	0.00469	mg/kg	01.23.20 02.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	74	%	68-120	01.23.20 02.18	
a,a,a-Trifluorotoluene	98-08-8	84	%	71-121	01.23.20 02.18	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 @ Floor**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-014	Date Collected:	01.16.20 08.55	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**14600**	100	17.2	mg/kg	01.22.20 08.21		20

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	49.8	14.9	mg/kg	01.22.20 22.46	U	1
Diesel Range Organics (DRO)	C10C28DRO	**23.8**	49.8	14.9	mg/kg	01.22.20 22.46	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	49.8	14.9	mg/kg	01.22.20 22.46	U	1
Total TPH	PHC635	**23.8**	49.8	14.9	mg/kg	01.22.20 22.46	J	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	01.22.20 22.46	
o-Terphenyl	84-15-1	95	%	70-135	01.22.20 22.46	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 @ Floor**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-014	Date Collected:	01.16.20 08.55	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.23.20 15.00	Basis:	Wet Weight
Seq Number:	3114463			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00908	0.0201	0.00908	mg/kg	01.23.20 22.14	U	1
Toluene	108-88-3	<0.00470	0.0201	0.00470	mg/kg	01.23.20 22.14	U	1
Ethylbenzene	100-41-4	<0.00618	0.0201	0.00618	mg/kg	01.23.20 22.14	U	1
m,p-Xylenes	179601-23-1	<0.00685	0.0402	0.00685	mg/kg	01.23.20 22.14	U	1
o-Xylene	95-47-6	<0.00685	0.0201	0.00685	mg/kg	01.23.20 22.14	U	1
Total Xylenes	1330-20-7	<0.00685	0.0201	0.00685	mg/kg	01.23.20 22.14	U	1
Total BTEX		<0.00470	0.0201	0.00470	mg/kg	01.23.20 22.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	68-120	01.23.20 22.14	
a,a,a-Trifluorotoluene	98-08-8	105	%	71-121	01.23.20 22.14	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 East Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-015	Date Collected:	01.09.20 10.35	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**124**	4.99	0.857	mg/kg	01.22.20 00.28		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<74.9	250	74.9	mg/kg	01.22.20 23.05	U	5
Diesel Range Organics (DRO)	C10C28DRO	**3780**	250	74.9	mg/kg	01.22.20 23.05		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**941**	250	74.9	mg/kg	01.22.20 23.05		5
Total TPH	PHC635	**4720**	250	74.9	mg/kg	01.22.20 23.05		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-135	01.22.20 23.05	
o-Terphenyl	84-15-1	121	%	70-135	01.22.20 23.05	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 East Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-015	Date Collected:	01.09.20 10.35	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.0180	0.0398	0.0180	mg/kg	01.23.20 02.42	U	2
Toluene	108-88-3	<0.00932	0.0398	0.00932	mg/kg	01.23.20 02.42	U	2
Ethylbenzene	100-41-4	<0.0123	0.0398	0.0123	mg/kg	01.23.20 02.42	U	2
m,p-Xylenes	179601-23-1	<0.0136	0.0797	0.0136	mg/kg	01.23.20 02.42	U	2
o-Xylene	95-47-6	<0.0136	0.0398	0.0136	mg/kg	01.23.20 02.42	U	2
Total Xylenes	1330-20-7	<0.0136	0.0398	0.0136	mg/kg	01.23.20 02.42	U	2
Total BTEX		<0.00932	0.0398	0.00932	mg/kg	01.23.20 02.42	U	2

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	85	%	68-120	01.23.20 02.42	
a,a,a-Trifluorotoluene	98-08-8	92	%	71-121	01.23.20 02.42	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 South Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-016	Date Collected:	01.09.20 10.30	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**105**	4.96	0.852	mg/kg	01.22.20 00.35		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	49.9	15.0	mg/kg	01.22.20 23.24	U	1
Diesel Range Organics (DRO)	C10C28DRO	**197**	49.9	15.0	mg/kg	01.22.20 23.24		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**67.1**	49.9	15.0	mg/kg	01.22.20 23.24		1
Total TPH	PHC635	**264**	49.9	15.0	mg/kg	01.22.20 23.24		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-135	01.22.20 23.24	
o-Terphenyl	84-15-1	98	%	70-135	01.22.20 23.24	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-3 South Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-016	Date Collected:	01.09.20 10.30	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00909	0.0201	0.00909	mg/kg	01.23.20 03.06	U	1
Toluene	108-88-3	<0.00471	0.0201	0.00471	mg/kg	01.23.20 03.06	U	1
Ethylbenzene	100-41-4	<0.00620	0.0201	0.00620	mg/kg	01.23.20 03.06	U	1
m,p-Xylenes	179601-23-1	<0.00686	0.0402	0.00686	mg/kg	01.23.20 03.06	U	1
o-Xylene	95-47-6	<0.00686	0.0201	0.00686	mg/kg	01.23.20 03.06	U	1
Total Xylenes	1330-20-7	<0.00686	0.0201	0.00686	mg/kg	01.23.20 03.06	U	1
Total BTEX		<0.00471	0.0201	0.00471	mg/kg	01.23.20 03.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	94	%	68-120	01.23.20 03.06	
a,a,a-Trifluorotoluene	98-08-8	111	%	71-121	01.23.20 03.06	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-017	Date Collected:	01.09.20 10.40		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**98.5**	4.95	0.850	mg/kg	01.22.20 00.42		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	49.9	15.0	mg/kg	01.22.20 23.43	U	1
Diesel Range Organics (DRO)	C10C28DRO	**52.1**	49.9	15.0	mg/kg	01.22.20 23.43		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**22.9**	49.9	15.0	mg/kg	01.22.20 23.43	J	1
Total TPH	PHC635	**75.0**	49.9	15.0	mg/kg	01.22.20 23.43		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-135	01.22.20 23.43	
o-Terphenyl	84-15-1	87	%	70-135	01.22.20 23.43	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-017	Date Collected:	01.09.20 10.40		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00906	0.0200	0.00906	mg/kg	01.23.20 03.30	U	1
Toluene	108-88-3	<0.00469	0.0200	0.00469	mg/kg	01.23.20 03.30	U	1
Ethylbenzene	100-41-4	<0.00617	0.0200	0.00617	mg/kg	01.23.20 03.30	U	1
m,p-Xylenes	179601-23-1	<0.00683	0.0401	0.00683	mg/kg	01.23.20 03.30	U	1
o-Xylene	95-47-6	<0.00683	0.0200	0.00683	mg/kg	01.23.20 03.30	U	1
Total Xylenes	1330-20-7	<0.00683	0.0200	0.00683	mg/kg	01.23.20 03.30	U	1
Total BTEX		<0.00469	0.0200	0.00469	mg/kg	01.23.20 03.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	95	%	68-120	01.23.20 03.30	
a,a,a-Trifluorotoluene	98-08-8	110	%	71-121	01.23.20 03.30	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 @ 3 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-018	Date Collected:	01.09.20 10.45	Sample Depth:	3 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**39.4**	4.96	0.852	mg/kg	01.22.20 01.03		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	50.0	15.0	mg/kg	01.23.20 00.01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	50.0	15.0	mg/kg	01.23.20 00.01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	50.0	15.0	mg/kg	01.23.20 00.01	U	1
Total TPH	PHC635	<15.0	50.0	15.0	mg/kg	01.23.20 00.01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-135	01.23.20 00.01	
o-Terphenyl	84-15-1	100	%	70-135	01.23.20 00.01	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 @ 3 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-018	Date Collected:	01.09.20 10.45	Sample Depth:	3 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00906	0.0200	0.00906	mg/kg	01.23.20 03.55	U	1
Toluene	108-88-3	<0.00469	0.0200	0.00469	mg/kg	01.23.20 03.55	U	1
Ethylbenzene	100-41-4	<0.00617	0.0200	0.00617	mg/kg	01.23.20 03.55	U	1
m,p-Xylenes	179601-23-1	<0.00683	0.0401	0.00683	mg/kg	01.23.20 03.55	U	1
o-Xylene	95-47-6	<0.00683	0.0200	0.00683	mg/kg	01.23.20 03.55	U	1
Total Xylenes	1330-20-7	<0.00683	0.0200	0.00683	mg/kg	01.23.20 03.55	U	1
Total BTEX		<0.00469	0.0200	0.00469	mg/kg	01.23.20 03.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	68-120	01.23.20 03.55	
a,a,a-Trifluorotoluene	98-08-8	108	%	71-121	01.23.20 03.55	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 South Wall @ 2 ft Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-019	Date Collected:	01.09.20 10.50	Sample Depth:	2 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	0.858	mg/kg	01.22.20 01.10	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	50.0	15.0	mg/kg	01.23.20 00.20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	50.0	15.0	mg/kg	01.23.20 00.20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	50.0	15.0	mg/kg	01.23.20 00.20	U	1
Total TPH	PHC635	<15.0	50.0	15.0	mg/kg	01.23.20 00.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-135	01.23.20 00.20	
o-Terphenyl	84-15-1	88	%	70-135	01.23.20 00.20	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 South Wall @ 2 ft Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-019	Date Collected:	01.09.20 10.50	Sample Depth:	2 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00902	0.0200	0.00902	mg/kg	01.23.20 04.19	U	1
Toluene	108-88-3	<0.00467	0.0200	0.00467	mg/kg	01.23.20 04.19	U	1
Ethylbenzene	100-41-4	<0.00615	0.0200	0.00615	mg/kg	01.23.20 04.19	U	1
m,p-Xylenes	179601-23-1	<0.00681	0.0399	0.00681	mg/kg	01.23.20 04.19	U	1
o-Xylene	95-47-6	<0.00681	0.0200	0.00681	mg/kg	01.23.20 04.19	U	1
Total Xylenes	1330-20-7	<0.00681	0.0200	0.00681	mg/kg	01.23.20 04.19	U	1
Total BTEX		<0.00467	0.0200	0.00467	mg/kg	01.23.20 04.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	68-120	01.23.20 04.19	
a,a,a-Trifluorotoluene	98-08-8	117	%	71-121	01.23.20 04.19	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 West Wall @ 2 ft Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-020	Date Collected:	01.09.20 10.55	Sample Depth:	2 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**23.7**	5.03	0.864	mg/kg	01.22.20 01.31		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.22.20 09.00	Basis:	Wet Weight
Seq Number:	3114173				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	49.9	15.0	mg/kg	01.23.20 00.39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	49.9	15.0	mg/kg	01.23.20 00.39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	49.9	15.0	mg/kg	01.23.20 00.39	U	1
Total TPH	PHC635	<15.0	49.9	15.0	mg/kg	01.23.20 00.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	01.23.20 00.39	
o-Terphenyl	84-15-1	88	%	70-135	01.23.20 00.39	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 West Wall @ 2 ft Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-020	Date Collected:	01.09.20 10.55	Sample Depth:	2 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00897	0.0198	0.00897	mg/kg	01.23.20 04.44	U	1
Toluene	108-88-3	<0.00464	0.0198	0.00464	mg/kg	01.23.20 04.44	U	1
Ethylbenzene	100-41-4	<0.00611	0.0198	0.00611	mg/kg	01.23.20 04.44	U	1
m,p-Xylenes	179601-23-1	<0.00677	0.0397	0.00677	mg/kg	01.23.20 04.44	U	1
o-Xylene	95-47-6	<0.00677	0.0198	0.00677	mg/kg	01.23.20 04.44	U	1
Total Xylenes	1330-20-7	<0.00677	0.0198	0.00677	mg/kg	01.23.20 04.44	U	1
Total BTEX		<0.00464	0.0198	0.00464	mg/kg	01.23.20 04.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	74	%	68-120	01.23.20 04.44	
a,a,a-Trifluorotoluene	98-08-8	84	%	71-121	01.23.20 04.44	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 Floor Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-021	Date Collected:	01.16.20 09.00	Sample Depth:	2 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**73.0**	4.98	0.855	mg/kg	01.22.20 01.38		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.21.20 11.00	Basis:	Wet Weight
Seq Number:	3114054				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	15.0	mg/kg	01.21.20 12.41	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	15.0	mg/kg	01.21.20 12.41	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	15.0	mg/kg	01.21.20 12.41	U	1
Total TPH	PHC635	<50.0	50.0	15.0	mg/kg	01.21.20 12.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-135	01.21.20 12.41	
o-Terphenyl	84-15-1	82	%	70-135	01.21.20 12.41	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-4 Floor Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-021	Date Collected:	01.16.20 09.00	Sample Depth:	2 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.23.20 15.00	Basis:	Wet Weight
Seq Number:	3114463			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00906	0.0200	0.00906	mg/kg	01.23.20 22.38	U	1
Toluene	108-88-3	<0.00469	0.0200	0.00469	mg/kg	01.23.20 22.38	U	1
Ethylbenzene	100-41-4	<0.00617	0.0200	0.00617	mg/kg	01.23.20 22.38	U	1
m,p-Xylenes	179601-23-1	<0.00683	0.0401	0.00683	mg/kg	01.23.20 22.38	U	1
o-Xylene	95-47-6	<0.00683	0.0200	0.00683	mg/kg	01.23.20 22.38	U	1
Total Xylenes	1330-20-7	<0.00683	0.0200	0.00683	mg/kg	01.23.20 22.38	U	1
Total BTEX		<0.00469	0.0200	0.00469	mg/kg	01.23.20 22.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	99	%	68-120	01.23.20 22.38	
a,a,a-Trifluorotoluene	98-08-8	113	%	71-121	01.23.20 22.38	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-022	Date Collected:	01.09.20 11.05		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**7.45**	5.05	0.867	mg/kg	01.22.20 01.45		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.21.20 11.00	Basis:	Wet Weight
Seq Number:	3114054				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	15.0	mg/kg	01.21.20 13.44	U	1
Diesel Range Organics (DRO)	C10C28DRO	**314**	49.9	15.0	mg/kg	01.21.20 13.44		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**128**	49.9	15.0	mg/kg	01.21.20 13.44		1
Total TPH	PHC635	**442**	49.9	15.0	mg/kg	01.21.20 13.44		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-135	01.21.20 13.44	
o-Terphenyl	84-15-1	81	%	70-135	01.21.20 13.44	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 Surface**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-022	Date Collected:	01.09.20 11.05		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00897	0.0198	0.00897	mg/kg	01.23.20 05.08	U	1
Toluene	108-88-3	<0.00464	0.0198	0.00464	mg/kg	01.23.20 05.08	U	1
Ethylbenzene	100-41-4	<0.00611	0.0198	0.00611	mg/kg	01.23.20 05.08	U	1
m,p-Xylenes	179601-23-1	<0.00677	0.0397	0.00677	mg/kg	01.23.20 05.08	U	1
o-Xylene	95-47-6	<0.00677	0.0198	0.00677	mg/kg	01.23.20 05.08	U	1
Total Xylenes	1330-20-7	<0.00677	0.0198	0.00677	mg/kg	01.23.20 05.08	U	1
Total BTEX		<0.00464	0.0198	0.00464	mg/kg	01.23.20 05.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	68-120	01.23.20 05.08	
a,a,a-Trifluorotoluene	98-08-8	123	%	71-121	01.23.20 05.08	**

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 @ 6 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-023	Date Collected:	01.09.20 11.10	Sample Depth:	6 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**204**	5.00	0.858	mg/kg	01.22.20 01.52		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.21.20 11.00	Basis:	Wet Weight
Seq Number:	3114054				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	14.9	mg/kg	01.21.20 14.05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	14.9	mg/kg	01.21.20 14.05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	14.9	mg/kg	01.21.20 14.05	U	1
Total TPH	PHC635	<49.8	49.8	14.9	mg/kg	01.21.20 14.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	01.21.20 14.05	
o-Terphenyl	84-15-1	88	%	70-135	01.21.20 14.05	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 @ 6 ft**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-023	Date Collected:	01.09.20 11.10	Sample Depth:	6 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.22.20 11.30	Basis:	Wet Weight
Seq Number:	3114151			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00906	0.0200	0.00906	mg/kg	01.23.20 05.32	U	1
Toluene	108-88-3	<0.00469	0.0200	0.00469	mg/kg	01.23.20 05.32	U	1
Ethylbenzene	100-41-4	<0.00617	0.0200	0.00617	mg/kg	01.23.20 05.32	U	1
m,p-Xylenes	179601-23-1	<0.00683	0.0401	0.00683	mg/kg	01.23.20 05.32	U	1
o-Xylene	95-47-6	<0.00683	0.0200	0.00683	mg/kg	01.23.20 05.32	U	1
Total Xylenes	1330-20-7	<0.00683	0.0200	0.00683	mg/kg	01.23.20 05.32	U	1
Total BTEX		<0.00469	0.0200	0.00469	mg/kg	01.23.20 05.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	68-120	01.23.20 05.32	
a,a,a-Trifluorotoluene	98-08-8	115	%	71-121	01.23.20 05.32	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 @ Floor**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-024	Date Collected:	01.16.20 09.50	Sample Depth:	4 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1460**	5.00	0.858	mg/kg	01.22.20 01.59		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.21.20 11.00	Basis:	Wet Weight
Seq Number:	3114054				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	15.0	mg/kg	01.21.20 14.26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	15.0	mg/kg	01.21.20 14.26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	15.0	mg/kg	01.21.20 14.26	U	1
Total TPH	PHC635	<50.0	50.0	15.0	mg/kg	01.21.20 14.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-135	01.21.20 14.26	
o-Terphenyl	84-15-1	82	%	70-135	01.21.20 14.26	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 @ Floor**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-024	Date Collected:	01.16.20 09.50	Sample Depth:	4 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.23.20 15.00	Basis:	Wet Weight
Seq Number:	3114463			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00908	0.0201	0.00908	mg/kg	01.23.20 23.02	U	1
Toluene	108-88-3	<0.00470	0.0201	0.00470	mg/kg	01.23.20 23.02	U	1
Ethylbenzene	100-41-4	<0.00618	0.0201	0.00618	mg/kg	01.23.20 23.02	U	1
m,p-Xylenes	179601-23-1	<0.00685	0.0402	0.00685	mg/kg	01.23.20 23.02	U	1
o-Xylene	95-47-6	<0.00685	0.0201	0.00685	mg/kg	01.23.20 23.02	U	1
Total Xylenes	1330-20-7	<0.00685	0.0201	0.00685	mg/kg	01.23.20 23.02	U	1
Total BTEX		<0.00470	0.0201	0.00470	mg/kg	01.23.20 23.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	68-120	01.23.20 23.02	
a,a,a-Trifluorotoluene	98-08-8	112	%	71-121	01.23.20 23.02	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 North Wall Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-025	Date Collected:	01.13.20 10.28	Sample Depth:	2 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**14.6**	5.00	0.858	mg/kg	01.22.20 02.06		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.21.20 11.00	Basis:	Wet Weight
Seq Number:	3114054				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	15.0	mg/kg	01.21.20 14.48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	15.0	mg/kg	01.21.20 14.48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	15.0	mg/kg	01.21.20 14.48	U	1
Total TPH	PHC635	<49.9	49.9	15.0	mg/kg	01.21.20 14.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-135	01.21.20 14.48	
o-Terphenyl	84-15-1	78	%	70-135	01.21.20 14.48	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 North Wall Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-025	Date Collected:	01.13.20 10.28	Sample Depth:	2 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.23.20 15.00	Basis:	Wet Weight
Seq Number:	3114463			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00908	0.0201	0.00908	mg/kg	01.23.20 23.27	U	1
Toluene	108-88-3	<0.00470	0.0201	0.00470	mg/kg	01.23.20 23.27	U	1
Ethylbenzene	100-41-4	<0.00618	0.0201	0.00618	mg/kg	01.23.20 23.27	U	1
m,p-Xylenes	179601-23-1	<0.00685	0.0402	0.00685	mg/kg	01.23.20 23.27	U	1
o-Xylene	95-47-6	<0.00685	0.0201	0.00685	mg/kg	01.23.20 23.27	U	1
Total Xylenes	1330-20-7	<0.00685	0.0201	0.00685	mg/kg	01.23.20 23.27	U	1
Total BTEX		<0.00470	0.0201	0.00470	mg/kg	01.23.20 23.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	68-120	01.23.20 23.27	
a,a,a-Trifluorotoluene	98-08-8	113	%	71-121	01.23.20 23.27	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 South Wall Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-026	Date Collected:	01.13.20 11.10	Sample Depth:	2 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.20	Basis:	Wet Weight
Seq Number:	3114026				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.04	5.04	0.865	mg/kg	01.22.20 02.13	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.21.20 11.00	Basis:	Wet Weight
Seq Number:	3114054				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	15.0	mg/kg	01.21.20 15.09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	15.0	mg/kg	01.21.20 15.09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	15.0	mg/kg	01.21.20 15.09	U	1
Total TPH	PHC635	<49.9	49.9	15.0	mg/kg	01.21.20 15.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	01.21.20 15.09	
o-Terphenyl	84-15-1	77	%	70-135	01.21.20 15.09	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 South Wall Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-026	Date Collected:	01.13.20 11.10	Sample Depth:	2 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.23.20 15.00	Basis:	Wet Weight
Seq Number:	3114463			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00911	0.0202	0.00911	mg/kg	01.23.20 23.51	U	1
Toluene	108-88-3	<0.00472	0.0202	0.00472	mg/kg	01.23.20 23.51	U	1
Ethylbenzene	100-41-4	<0.00621	0.0202	0.00621	mg/kg	01.23.20 23.51	U	1
m,p-Xylenes	179601-23-1	<0.00688	0.0403	0.00688	mg/kg	01.23.20 23.51	U	1
o-Xylene	95-47-6	<0.00688	0.0202	0.00688	mg/kg	01.23.20 23.51	U	1
Total Xylenes	1330-20-7	<0.00688	0.0202	0.00688	mg/kg	01.23.20 23.51	U	1
Total BTEX		<0.00472	0.0202	0.00472	mg/kg	01.23.20 23.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	68-120	01.23.20 23.51	
a,a,a-Trifluorotoluene	98-08-8	114	%	71-121	01.23.20 23.51	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 East Wall Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-027	Date Collected:	01.13.20 11.00	Sample Depth:	2 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	01.21.20 13.40	Basis:	Wet Weight
Seq Number:	3114014				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.01	5.01	0.860	mg/kg	01.21.20 17.20	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.21.20 11.00	Basis:	Wet Weight
Seq Number:	3114054				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	15.0	mg/kg	01.21.20 15.31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	15.0	mg/kg	01.21.20 15.31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	15.0	mg/kg	01.21.20 15.31	U	1
Total TPH	PHC635	<50.0	50.0	15.0	mg/kg	01.21.20 15.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-135	01.21.20 15.31	
o-Terphenyl	84-15-1	77	%	70-135	01.21.20 15.31	

Certificate of Analytical Results 649567

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Oxy Covington A Federal #6

Sample Id:	**SP-5 East Wall Composite**	Matrix:	Soil	Date Received:	01.20.20 10.20
Lab Sample Id:	649567-027	Date Collected:	01.13.20 11.00	Sample Depth:	2 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	MIT			% Moisture:	
Analyst:	MIT	Date Prep:	01.23.20 15.00	Basis:	Wet Weight
Seq Number:	3114463			SUB:	T104704219-19-21

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00895	0.0198	0.00895	mg/kg	01.24.20 00.15	U	1
Toluene	108-88-3	<0.00463	0.0198	0.00463	mg/kg	01.24.20 00.15	U	1
Ethylbenzene	100-41-4	<0.00610	0.0198	0.00610	mg/kg	01.24.20 00.15	U	1
m,p-Xylenes	179601-23-1	<0.00675	0.0396	0.00675	mg/kg	01.24.20 00.15	U	1
o-Xylene	95-47-6	<0.00675	0.0198	0.00675	mg/kg	01.24.20 00.15	U	1
Total Xylenes	1330-20-7	<0.00675	0.0198	0.00675	mg/kg	01.24.20 00.15	U	1
Total BTEX		<0.00463	0.0198	0.00463	mg/kg	01.24.20 00.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	68-120	01.24.20 00.15	
a,a,a-Trifluorotoluene	98-08-8	114	%	71-121	01.24.20 00.15	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 649567

Trinity Oilfield Services & Rentals, LLC

Oxy Covington A Federal #6

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3114018 Matrix: Solid Date Prep: 01.21.20
MB Sample Id: 7694856-1-BLK LCS Sample Id: 7694856-1-BKS LCSD Sample Id: 7694856-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	256	102	255	102	90-110	0	20	mg/kg	01.21.20 14:31	

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3114026 Matrix: Solid Date Prep: 01.21.20
MB Sample Id: 7694859-1-BLK LCS Sample Id: 7694859-1-BKS LCSD Sample Id: 7694859-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	262	105	262	105	90-110	0	20	mg/kg	01.21.20 22:49	

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3114014 Matrix: Solid Date Prep: 01.21.20
MB Sample Id: 7694860-1-BLK LCS Sample Id: 7694860-1-BKS LCSD Sample Id: 7694860-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	238	95	242	97	90-110	2	20	mg/kg	01.21.20 17:06	

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3114018 Matrix: Soil Date Prep: 01.21.20
Parent Sample Id: 649566-036 MS Sample Id: 649566-036 S MSD Sample Id: 649566-036 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	215	248	472	104	473	104	90-110	0	20	mg/kg	01.21.20 14:52	

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3114018 Matrix: Soil Date Prep: 01.21.20
Parent Sample Id: 649567-004 MS Sample Id: 649567-004 S MSD Sample Id: 649567-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	108	250	366	103	367	104	90-110	0	20	mg/kg	01.21.20 16:47	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

QC Summary 649567

Trinity Oilfield Services & Rentals, LLC

Oxy Covington A Federal #6

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3114026 — Matrix: Soil — Date Prep: 01.21.20
Parent Sample Id: 649567-008 — MS Sample Id: 649567-008 S — MSD Sample Id: 649567-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	23.7	248	297	110	298	111	90-110	0	20	mg/kg	01.21.20 23:10	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3114026 — Matrix: Soil — Date Prep: 01.21.20
Parent Sample Id: 649567-017 — MS Sample Id: 649567-017 S — MSD Sample Id: 649567-017 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	98.5	248	364	107	364	107	90-110	0	20	mg/kg	01.22.20 00:49	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3114014 — Matrix: Soil — Date Prep: 01.21.20
Parent Sample Id: 649567-027 — MS Sample Id: 649567-027 S — MSD Sample Id: 649567-027 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1.51	251	241	95	242	96	90-110	0	20	mg/kg	01.21.20 17:27	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3114014 — Matrix: Soil — Date Prep: 01.21.20
Parent Sample Id: 649649-001 — MS Sample Id: 649649-001 S — MSD Sample Id: 649649-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	18.5	250	264	98	263	98	90-110	0	20	mg/kg	01.21.20 19:06	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3114054 — Matrix: Solid — Date Prep: 01.21.20
MB Sample Id: 7694873-1-BLK — LCS Sample Id: 7694873-1-BKS — LCSD Sample Id: 7694873-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	953	95	972	97	70-135	2	20	mg/kg	01.21.20 11:58	
Diesel Range Organics (DRO)	<15.0	1000	722	72	721	72	70-135	0	20	mg/kg	01.21.20 11:58	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	86		86		99		70-135	%	01.21.20 11:58
o-Terphenyl	87		79		77		70-135	%	01.21.20 11:58

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

QC Summary 649567

Trinity Oilfield Services & Rentals, LLC

Oxy Covington A Federal #6

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3114173 — Matrix: Solid — Date Prep: 01.22.20
MB Sample Id: 7694937-1-BLK — LCS Sample Id: 7694937-1-BKS — LCSD Sample Id: 7694937-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	828	83	844	84	70-135	2	20	mg/kg	01.22.20 17:05	
Diesel Range Organics (DRO)	<15.0	1000	905	91	850	85	70-135	6	20	mg/kg	01.22.20 17:05	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	79		100		99		70-135	%	01.22.20 17:05
o-Terphenyl	82		94		91		70-135	%	01.22.20 17:05

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3114054 — Matrix: Solid — Date Prep: 01.21.20
MB Sample Id: 7694873-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	01.21.20 11:37	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3114173 — Matrix: Solid — Date Prep: 01.22.20
MB Sample Id: 7694937-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<15.0	mg/kg	01.22.20 16:46	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3114054 — Matrix: Soil — Date Prep: 01.21.20
Parent Sample Id: 649567-021 — MS Sample Id: 649567-021 S — MSD Sample Id: 649567-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	997	1000	100	1010	101	70-135	1	20	mg/kg	01.21.20 13:02	
Diesel Range Organics (DRO)	23.7	997	909	89	913	89	70-135	0	20	mg/kg	01.21.20 13:02	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	90		90		70-135	%	01.21.20 13:02
o-Terphenyl	81		84		70-135	%	01.21.20 13:02

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

QC Summary 649567

Trinity Oilfield Services & Rentals, LLC

Oxy Covington A Federal #6

Analytical Method: TPH By SW8015 Mod | Prep Method: SW8015P
Seq Number: 3114173 | Matrix: Soil | Date Prep: 01.22.20
Parent Sample Id: 649567-001 | MS Sample Id: 649567-001 S | MSD Sample Id: 649567-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	997	1030	103	1060	106	70-135	3	20	mg/kg	01.22.20 18:02	
Diesel Range Organics (DRO)	38.0	997	879	84	911	87	70-135	4	20	mg/kg	01.22.20 18:02	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	116		117		70-135	%	01.22.20 18:02
o-Terphenyl	92		95		70-135	%	01.22.20 18:02

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3114151 | Matrix: Solid | Date Prep: 01.22.20
MB Sample Id: 7694958-1-BLK | LCS Sample Id: 7694958-1-BKS | LCSD Sample Id: 7694958-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00904	2.00	1.96	98	1.93	97	55-120	2	20	mg/kg	01.22.20 17:57	
Toluene	<0.00468	2.00	1.91	96	1.86	93	77-120	3	20	mg/kg	01.22.20 17:57	
Ethylbenzene	<0.00616	2.00	1.88	94	1.76	88	77-120	7	20	mg/kg	01.22.20 17:57	
m,p-Xylenes	<0.00682	4.00	3.83	96	3.58	90	78-120	7	20	mg/kg	01.22.20 17:57	
o-Xylene	<0.00682	2.00	1.95	98	1.85	93	78-120	5	20	mg/kg	01.22.20 17:57	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	111		107		86		68-120	%	01.22.20 17:57
a,a,a-Trifluorotoluene	119		112		95		71-121	%	01.22.20 17:57

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3114310 | Matrix: Solid | Date Prep: 01.22.20
MB Sample Id: 7694994-1-BLK | LCS Sample Id: 7694994-1-BKS | LCSD Sample Id: 7694994-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00904	2.00	1.87	94	1.84	92	55-120	2	20	mg/kg	01.23.20 09:22	
Toluene	<0.00468	2.00	1.85	93	1.79	90	77-120	3	20	mg/kg	01.23.20 09:22	
Ethylbenzene	<0.00616	2.00	1.74	87	1.72	86	77-120	1	20	mg/kg	01.23.20 09:22	
m,p-Xylenes	<0.00682	4.00	3.39	85	3.37	84	78-120	1	20	mg/kg	01.23.20 09:22	
o-Xylene	<0.00682	2.00	1.69	85	1.68	84	78-120	1	20	mg/kg	01.23.20 09:22	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		78		78		68-120	%	01.23.20 09:22
a,a,a-Trifluorotoluene	101		80		78		71-121	%	01.23.20 09:22

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

QC Summary 649567

Trinity Oilfield Services & Rentals, LLC

Oxy Covington A Federal #6

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3114463 — Matrix: Solid — Date Prep: 01.23.20
MB Sample Id: 7695036-1-BLK — LCS Sample Id: 7695036-1-BKS — LCSD Sample Id: 7695036-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00904	2.00	1.96	98	1.91	96	55-120	3	20	mg/kg	01.23.20 18:13	
Toluene	<0.00468	2.00	1.88	94	1.84	92	77-120	2	20	mg/kg	01.23.20 18:13	
Ethylbenzene	<0.00616	2.00	1.81	91	1.79	90	77-120	1	20	mg/kg	01.23.20 18:13	
m,p-Xylenes	<0.00682	4.00	3.73	93	3.67	92	78-120	2	20	mg/kg	01.23.20 18:13	
o-Xylene	<0.00682	2.00	1.90	95	1.87	94	78-120	2	20	mg/kg	01.23.20 18:13	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	108		79		87		68-120	%	01.23.20 18:13
a,a,a-Trifluorotoluene	106		83		92		71-121	%	01.23.20 18:13

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3114151 — Matrix: Soil — Date Prep: 01.22.20
Parent Sample Id: 649567-001 — MS Sample Id: 649567-001 S — MSD Sample Id: 649567-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00909	2.01	1.93	96	1.89	94	54-120	2	25	mg/kg	01.22.20 20:21	
Toluene	<0.00471	2.01	1.90	95	1.85	92	57-120	3	25	mg/kg	01.22.20 20:21	
Ethylbenzene	<0.00620	2.01	1.77	88	1.78	89	58-131	1	25	mg/kg	01.22.20 20:21	
m,p-Xylenes	<0.00686	4.02	3.64	91	3.68	92	62-124	1	25	mg/kg	01.22.20 20:21	
o-Xylene	<0.00686	2.01	1.81	90	1.85	92	62-124	2	25	mg/kg	01.22.20 20:21	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	74		98		68-120	%	01.22.20 20:21
a,a,a-Trifluorotoluene	90		116		71-121	%	01.22.20 20:21

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3114310 — Matrix: Soil — Date Prep: 01.22.20
Parent Sample Id: 649566-021 — MS Sample Id: 649566-021 S — MSD Sample Id: 649566-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00913	2.02	1.88	93	1.94	97	54-120	3	25	mg/kg	01.23.20 12:04	
Toluene	<0.00473	2.02	1.91	95	2.01	101	57-120	5	25	mg/kg	01.23.20 12:04	
Ethylbenzene	<0.00622	2.02	1.95	97	2.02	101	58-131	4	25	mg/kg	01.23.20 12:04	
m,p-Xylenes	<0.00689	4.04	3.88	96	4.00	100	62-124	3	25	mg/kg	01.23.20 12:04	
o-Xylene	<0.00689	2.02	1.91	95	1.94	97	62-124	2	25	mg/kg	01.23.20 12:04	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	86		84		68-120	%	01.23.20 12:04
a,a,a-Trifluorotoluene	86		88		71-121	%	01.23.20 12:04

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Final 1.000

QC Summary 649567

Trinity Oilfield Services & Rentals, LLC

Oxy Covington A Federal #6

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B

Seq Number: 3114463 Matrix: Soil Date Prep: 01.23.20

Parent Sample Id: 649566-041 MS Sample Id: 649566-041 S MSD Sample Id: 649566-041 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00911	2.02	2.12	105	1.97	99	54-120	7	25	mg/kg	01.23.20 20:38	
Toluene	<0.00472	2.02	2.10	104	1.87	94	57-120	12	25	mg/kg	01.23.20 20:38	
Ethylbenzene	<0.00621	2.02	1.99	99	1.84	93	58-131	8	25	mg/kg	01.23.20 20:38	
m,p-Xylenes	<0.00688	4.03	3.98	99	3.67	92	62-124	8	25	mg/kg	01.23.20 20:38	
o-Xylene	<0.00688	2.02	1.95	97	1.82	92	62-124	7	25	mg/kg	01.23.20 20:38	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	110		100		68-120	%	01.23.20 20:38
a,a,a-Trifluorotoluene	121		114		71-121	%	01.23.20 20:38

MS/MSD Percent Recovery	[D] = 100*(C-A) / B	LCS = Laboratory Control Sample	MS = Matrix Spike
Relative Percent Difference	RPD = 200* | (C-E) / (C+E) |	A = Parent Result	B = Spike Added
LCS/LCSD Recovery	[D] = 100 * (C) / [B]	C = MS/LCS Result	D = MSD/LCSD % Rec
Log Difference	Log Diff. = Log(Sample Duplicate) - Log(Original Sample)	E = MSD/LCSD Result	

XENCO LABORATORIES

Chain of Custody

Work Order No: 1049507

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800
www.xenco.com

Project Manager:	Ben Arguijo	Bill to: (if different)	OXY - Wade Dietrich (575 390-2828
Company Name:	Trinity Oilfield Services and Rentals	Company Name:	
Address:	P. O. Box 2587	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	(575) 390-7208	Email:	Wade.Dittrich@oxy.com & ben@trinityoilfieldservices.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/US ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Oxy Covington A Federal # 6	Turn Around	
Project Number:		Routine: X	
Project Location	C-29 and Mills Ranch Rd	Rush: ☐	
Sampler's Name:	Kenny Angel	Due Date:	
PO #:			

SAMPLE RECEIPT			
Temperature (°C):	Temp Blank: Yes (No)	Wet Ice: (Yes) No	
Received Intact:	(Yes) No	Thermometer ID: D6	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Total Containers:	

Preservative Codes

HNO3: HN
H2S04: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	TPH 8015M	BTEX	Chloride	Sample Comments
SP-1 Surface	Soil	9-Jan	9:40	Surface		X	X	X	
SP-1 @ 3 ft	Soil	9-Jan	9:45	3 ft		X	X	X	
SP-1 East Composite	Soil	9-Jan	9:50	6 "		X	X	X	
SP-1 North Composite	Soil	9-Jan	9:55	6"		X	X	X	
SP1-South Composite	Soil	9-Jan	10:00	6"		X	X	X	
SP-1 Floor Composite	Soil	16-Jan	8:50	6"		X	X	X	
SP-2 Surface	Soil	9-Jan	10:07	Surface		X	X	X	
SP-2 @ 3 ft	Soil	9-Jan	10:09	3 ft		X	X	X	
SP-2 Floor Composite	Soil	16-Jan	8:50	6"		X	X	X	
SP-2 North Composite	Soil	9-Jan	10:10	6"		X	X	X	
SP-2 West Composite	Soil	9-Jan	10:15	6"		X	X	X	
SP-3 Surface	Soil	9-Jan	10:20	Surface		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1-17-20 12:13	2		1/17/20 1630
3			4		
5			6		

XENCO LABORATORIES

Chain of Custody

Work Order No: 1049567

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800
www.xenco.com

Project Manager:	Ben Arguijo	Bill to: (if different)	OXY - Wade Dietrich (575 390-2828
Company Name:	Trinity Oilfield Services and Rentals	Company Name:	
Address:	P. O. Box 2587	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	(575) 390-7208	Email:	Wade.Dittrich@oxy.com & ben@trinityoilfieldservices.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level ☐ Level II ☐ PST/US ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Oxy Covington A Federal # 6	Turn Around	
Project Number:		Routine: X	
Project Location	C-29 and Mills Ranch Rd	Rush: ☐	
Sampler's Name:	Kenny Angel	Due Date:	
PO #:			

SAMPLE RECEIPT				
Temperature (°C):		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Temp Blank: Yes No Wet Ice: Yes No

ANALYSIS REQUEST

Preservative Codes

HNO3: HN
H2S04: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	TPH 8015M	BTEX	Chloride	Sample Comments
SP-3 @ 3 ft	Soil	9-Jan	10:25	3 ft		X	X	X	
SP-3 @ Floor	Soil	16-Jan	8:55	6"		X	X	X	
SP-3 East Composite	Soil	9-Jan	10:35	6 "		X	X	X	
SP-3 South Composite	Soil	9-Jan	10:30	6"		X	X	X	
SP4-Surface	Soil	9-Jan	10:40	Surface		X	X	X	
SP-4 @ 3 ft	Soil	9-Jan	10:45	3 ft		X	X	X	
SP-4 South Wall @ 2 ft Composite	Soil	9-Jan	10:50	2 ft		X	X	X	
SP-4 West Wall @ 2 ft Composite	Soil	9-Jan	10:55	2 ft		X	X	X	
SP-4 Floor Composite	Soil	16-Jan	9:00	2 ft		X	X	X	
SP-5 Surface	Soil	9-Jan	11:05	Surface		X	X	X	
SP-5 @ 6ft	Soil	9-Jan	11:10	6 ft		X	X	X	
SP-5 - Floor	Soil	16-Jan	9:50	4 ft		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1-7-20 12:13	2		
3			4		
5			6		

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800
www.xenco.com

Work Order No: 604507

Project Manager:	Ben Arguijo	Bill to: (if different)	OXY - Wade Dietrich (575 390-2828
Company Name:	Trinity Oilfield Services and Rentals	Company Name:	
Address:	P. O. Box 2587	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	(575) 390-7208	Email:	Wade.Dittrich@oxy.com & ben@trinityoilfieldservices.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/USTI ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Oxy Covington A Federal # 6	Turn Around	
Project Number:		Routine:	X
Project Location	C-29 and Mills Ranch Rd	Rush:	☐
Sampler's Name:	Kenny Angel	Due Date:	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C):		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	TPH 8015M	BTEX	Chloride
SP-5 North Wall Composite	Soil	13-Jan	10:28	2 ft		X	X	X
SP-5 South Wall Composite	Soil	13-Jan	11:10	2 ft		X	X	X
SP-5 East Wall Composite	Soil	13-Jan	11:00	2 ft		X	X	X

Preservative Codes

HNO3: HN
H2S04: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1-17-20 12:13	2		
3			4		
5			6		

Inter-Office Shipment

IOS Number : 56494

Date/Time:	01.21.2020	Created by:	Brianna Teel	Please send report to:	Holly Taylor
Lab# From:	**Midland**	Delivery Priority:		Address:	1211 W. Florida Ave
Lab# To:	**Lubbock**	Air Bill No.:	FEDEX	E-Mail:	holly.taylor@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
649567-001	S	SP-1 Surface	01.09.2020 09:40	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 09:40	HTA	BR4FBZ BZ BZME EBZ	
649567-002	S	SP-1 @ 3 ft	01.09.2020 09:45	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 09:45	HTA	BR4FBZ BZ BZME EBZ	
649567-003	S	SP-1 East Composite	01.09.2020 09:50	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 09:50	HTA	BR4FBZ BZ BZME EBZ	
649567-004	S	SP-1 North Composite	01.09.2020 09:55	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 09:55	HTA	BR4FBZ BZ BZME EBZ	
649567-005	S	SP-1 South Composite	01.09.2020 10:00	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:00	HTA	BR4FBZ BZ BZME EBZ	
649567-006	S	SP-1 Floor Composite	01.16.2020 08:50	SW8021B	BTEX by EPA 8021B	01.24.2020	01.30.2020	HTA	BR4FBZ BZ BZME EBZ	
649567-007	S	SP-2 Surface	01.09.2020 10:07	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:07	HTA	BR4FBZ BZ BZME EBZ	
649567-008	S	SP-2 @ 3 ft	01.09.2020 10:09	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:09	HTA	BR4FBZ BZ BZME EBZ	
649567-009	S	SP-2 Floor Composite	01.16.2020 08:50	SW8021B	BTEX by EPA 8021B	01.24.2020	01.30.2020	HTA	BR4FBZ BZ BZME EBZ	
649567-010	S	SP-2 North Composite	01.09.2020 10:10	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:10	HTA	BR4FBZ BZ BZME EBZ	
649567-011	S	SP-2 West Composite	01.09.2020 10:15	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:15	HTA	BR4FBZ BZ BZME EBZ	
649567-012	S	SP-3 Surface	01.09.2020 10:20	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:20	HTA	BR4FBZ BZ BZME EBZ	
649567-013	S	SP-3 @ 3 ft	01.09.2020 10:25	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:25	HTA	BR4FBZ BZ BZME EBZ	
649567-014	S	SP-3 @ Floor	01.16.2020 08:55	SW8021B	BTEX by EPA 8021B	01.24.2020	01.30.2020	HTA	BR4FBZ BZ BZME EBZ	
649567-015	S	SP-3 East Composite	01.09.2020 10:35	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:35	HTA	BR4FBZ BZ BZME EBZ	
649567-016	S	SP-3 South Composite	01.09.2020 10:30	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:30	HTA	BR4FBZ BZ BZME EBZ	
649567-017	S	SP-4 Surface	01.09.2020 10:40	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:40	HTA	BR4FBZ BZ BZME EBZ	
649567-018	S	SP-4 @ 3 ft	01.09.2020 10:45	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:45	HTA	BR4FBZ BZ BZME EBZ	
649567-019	S	SP-4 South Wall @ 2 ft	01.09.2020 10:50	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:50	HTA	BR4FBZ BZ BZME EBZ	
649567-020	S	SP-4 West Wall @ 2 ft (	01.09.2020 10:55	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 10:55	HTA	BR4FBZ BZ BZME EBZ	
649567-021	S	SP-4 Floor Composite	01.16.2020 09:00	SW8021B	BTEX by EPA 8021B	01.24.2020	01.30.2020	HTA	BR4FBZ BZ BZME EBZ	
649567-022	S	SP-5 Surface	01.09.2020 11:05	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 11:05	HTA	BR4FBZ BZ BZME EBZ	
649567-023	S	SP-5 @ 6 ft	01.09.2020 11:10	SW8021B	BTEX by EPA 8021B	01.24.2020	01.23.2020 11:10	HTA	BR4FBZ BZ BZME EBZ	
649567-024	S	SP-5 @ Floor	01.16.2020 09:50	SW8021B	BTEX by EPA 8021B	01.24.2020	01.30.2020	HTA	BR4FBZ BZ BZME EBZ	
649567-025	S	SP-5 North Wall Compo	01.13.2020 10:28	SW8021B	BTEX by EPA 8021B	01.24.2020	01.27.2020 10:28	HTA	BR4FBZ BZ BZME EBZ	

Inter-Office Shipment

IOS Number : 56494

Date/Time:	01.21.2020	Created by:	Brianna Teel	Please send report to:	Holly Taylor
Lab# From:	**Midland**	Delivery Priority:		Address:	1211 W. Florida Ave
Lab# To:	**Lubbock**	Air Bill No.:	FEDEX	E-Mail:	holly.taylor@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
649567-026	S	SP-5 South Wall Compo	01.13.2020 11:10	SW8021B	BTEX by EPA 8021B	**01.24.2020**	**01.27.2020 11:10**	HTA	BR4FBZ BZ BZME EBZ	
649567-027	S	SP-5 East Wall Compos	01.13.2020 11:00	SW8021B	BTEX by EPA 8021B	**01.24.2020**	**01.27.2020 11:00**	HTA	BR4FBZ BZ BZME EBZ	

Inter Office Shipment or Sample Comments:

Relinquished By: Brianna Teel

Date Relinquished: 01.21.2020

Received By: Ashley Derstine

Date Received: 01.22.2020

Cooler Temperature: 2.8

XENCO Laboratories

Inter Office Report- Sample Receipt Checklist

Sent To: Lubbock

IOS #: 56494

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient
Temperature Measuring device used :

Sent By: Brianna Teel **Date Sent:** 01.21.2020 02.15 PM

Received By: Ashley Derstine **Date Received:** 01.22.2020 09.45 AM

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	2.8	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received with appropriate temperature?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**	
#5 *Custody Seals Signed and dated for Containers/coolers	**Yes**	
#6 *IOS present?	**Yes**	
#7 Any missing/extra samples?	**No**	
#8 IOS agrees with sample label(s)/matrix?	**Yes**	
#9 Sample matrix/ properties agree with IOS?	**Yes**	
#10 Samples in proper container/ bottle?	**Yes**	
#11 Samples properly preserved?	**Yes**	
#12 Sample container(s) intact?	**Yes**	
#13 Sufficient sample amount for indicated test(s)?	**Yes**	
#14 All samples received within hold time?	**Yes**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ **Contacted by :** _____ **Date:** _____

Checklist reviewed by: _____ Date: 01.22.2020

Ashley Derstine

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 01/20/2020 10:20:00 AM

Work Order #: 649567

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	1.6
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6*Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**N/A**
#18 Water VOC samples have zero headspace?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 01/20/2020
Brianna Teel

Checklist reviewed by: Holly Taylor Date: 01/27/2020
Holly Taylor

Certificate of Analysis Summary 650846

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Covington A Federal 0006

Project Id:
Contact: Ben Arguijo
Project Location: Lea County, NM

Date Received in Lab: Thu Jan-30-20 11:00 am
Report Date: 07-FEB-20
Project Manager: Holly Taylor

Analysis Requested								
	Lab Id:	650846-001						
	Field Id:	SP-3 East Composite						
	Depth:	6- In						
	Matrix:	SOIL						
	Sampled:	Jan-29-20 10:00						
BTEX by EPA 8021B	***Extracted:***	Feb-03-20 10:45						
	Analyzed:	Feb-03-20 16:59						
	Units/RL:	mg/kg	RL					
Benzene		<0.00200	0.00200					
Toluene		<0.00200	0.00200					
Ethylbenzene		<0.00200	0.00200					
m,p-Xylenes		<0.00399	0.00399					
o-Xylene		<0.00200	0.00200					
Total Xylenes		<0.00200	0.00200					
Total BTEX		<0.00200	0.00200					
Chloride by EPA 300	***Extracted:***	Feb-03-20 16:10						
	Analyzed:	Feb-04-20 00:52						
	Units/RL:	mg/kg	RL					
Chloride		291	5.00					
TPH By SW8015 Mod	***Extracted:***	Jan-31-20 17:00						
	Analyzed:	Feb-02-20 22:52						
	Units/RL:	mg/kg	RL					
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0					
Diesel Range Organics (DRO)		378	50.0					
Motor Oil Range Hydrocarbons (MRO)		105	50.0					
Total TPH		483	50.0					

Holly Taylor
Project Manager

Final 1.000

Analytical Report 650846

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo

Covington A Federal 0006

07-FEB-20

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

07-FEB-20

Project Manager: **Ben Arguijo**
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, NM 88241

Reference: XENCO Report No(s): **650846**
Covington A Federal 0006
Project Address: Lea County, NM

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 650846. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 650846 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Holly Taylor

Holly Taylor
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Sample Cross Reference 650846

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Covington A Federal 0006

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-3 East Composite	S	01-29-20 10:00	6 In	650846-001

CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Covington A Federal 0006

Project ID:
Work Order Number(s): *650846*

Report Date: *07-FEB-20*
Date Received: *01/30/2020*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3115443 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results 650846

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Covington A Federal 0006

Sample Id:	**SP-3 East Composite**	Matrix:	Soil	Date Received:	01.30.20 11.00
Lab Sample Id:	650846-001	Date Collected:	01.29.20 10.00	Sample Depth:	6 In

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	02.03.20 16.10	Basis:	Wet Weight
Seq Number:	3115408				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**291**	5.00	mg/kg	02.04.20 00.52		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.31.20 17.00	Basis:	Wet Weight
Seq Number:	3115342				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.02.20 22.52	U	1
Diesel Range Organics (DRO)	C10C28DRO	**378**	50.0	mg/kg	02.02.20 22.52		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**105**	50.0	mg/kg	02.02.20 22.52		1
Total TPH	PHC635	**483**	50.0	mg/kg	02.02.20 22.52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-135	02.02.20 22.52	
o-Terphenyl	84-15-1	94	%	70-135	02.02.20 22.52	

Certificate of Analytical Results 650846

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Covington A Federal 0006

Sample Id:	**SP-3 East Composite**	Matrix:	Soil	Date Received:	01.30.20 11.00
Lab Sample Id:	650846-001	Date Collected:	01.29.20 10.00	Sample Depth:	6 In
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	02.03.20 10.45	Basis:	Wet Weight
Seq Number:	3115443				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.03.20 16.59	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.03.20 16.59	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.03.20 16.59	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	02.03.20 16.59	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.03.20 16.59	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.03.20 16.59	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.03.20 16.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	74	%	70-130	02.03.20 16.59	
1,4-Difluorobenzene	540-36-3	114	%	70-130	02.03.20 16.59	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 650846

Trinity Oilfield Services & Rentals, LLC

Covington A Federal 0006

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3115408 — Matrix: Solid — Date Prep: 02.03.20
MB Sample Id: 7695850-1-BLK — LCS Sample Id: 7695850-1-BKS — LCSD Sample Id: 7695850-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	262	105	263	105	90-110	0	20	mg/kg	02.03.20 23:05	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3115408 — Matrix: Soil — Date Prep: 02.03.20
Parent Sample Id: 650826-043 — MS Sample Id: 650826-043 S — MSD Sample Id: 650826-043 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	521	252	789	106	775	101	90-110	2	20	mg/kg	02.03.20 23:25	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3115408 — Matrix: Soil — Date Prep: 02.03.20
Parent Sample Id: 650846-001 — MS Sample Id: 650846-001 S — MSD Sample Id: 650846-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	291	250	555	106	551	104	90-110	1	20	mg/kg	02.04.20 00:58	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3115342 — Matrix: Solid — Date Prep: 01.31.20
MB Sample Id: 7695802-1-BLK — LCS Sample Id: 7695802-1-BKS — LCSD Sample Id: 7695802-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	817	82	815	82	70-135	0	20	mg/kg	02.02.20 14:24	
Diesel Range Organics (DRO)	<15.0	1000	916	92	842	84	70-135	8	20	mg/kg	02.02.20 14:24	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	79		90		84		70-135	%	02.02.20 14:24
o-Terphenyl	99		108		96		70-135	%	02.02.20 14:24

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3115342 — Matrix: Solid — Date Prep: 01.31.20
MB Sample Id: 7695802-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	02.02.20 14:03	

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

Final 1.000

QC Summary 650846

Trinity Oilfield Services & Rentals, LLC

Covington A Federal 0006

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3115342 — Matrix: Soil — Date Prep: 01.31.20
Parent Sample Id: 650799-001 — MS Sample Id: 650799-001 S — MSD Sample Id: 650799-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	24.0	999	775	75	774	75	70-135	0	20	mg/kg	02.02.20 15:28	
Diesel Range Organics (DRO)	18.7	999	842	82	833	82	70-135	1	20	mg/kg	02.02.20 15:28	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	86		84		70-135	%	02.02.20 15:28
o-Terphenyl	98		97		70-135	%	02.02.20 15:28

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3115443 — Matrix: Solid — Date Prep: 02.03.20
MB Sample Id: 7695801-1-BLK — LCS Sample Id: 7695801-1-BKS — LCSD Sample Id: 7695801-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000385	0.100	0.0958	96	0.0982	98	70-130	2	35	mg/kg	02.03.20 14:40	
Toluene	<0.000456	0.100	0.101	101	0.102	102	70-130	1	35	mg/kg	02.03.20 14:40	
Ethylbenzene	<0.000565	0.100	0.101	101	0.101	101	70-130	0	35	mg/kg	02.03.20 14:40	
m,p-Xylenes	<0.00101	0.200	0.203	102	0.203	102	70-130	0	35	mg/kg	02.03.20 14:40	
o-Xylene	<0.000344	0.100	0.101	101	0.101	101	70-130	0	35	mg/kg	02.03.20 14:40	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	112		112		112		70-130	%	02.03.20 14:40
4-Bromofluorobenzene	73		88		84		70-130	%	02.03.20 14:40

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3115443 — Matrix: Soil — Date Prep: 02.03.20
Parent Sample Id: 650846-001 — MS Sample Id: 650846-001 S — MSD Sample Id: 650846-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	0.000419	0.0992	0.0893	90	0.102	102	70-130	13	35	mg/kg	02.03.20 15:20	
Toluene	<0.000452	0.0992	0.0844	85	0.0932	94	70-130	10	35	mg/kg	02.03.20 15:20	
Ethylbenzene	<0.000560	0.0992	0.0763	77	0.0844	85	70-130	10	35	mg/kg	02.03.20 15:20	
m,p-Xylenes	<0.00101	0.198	0.148	75	0.165	83	70-130	11	35	mg/kg	02.03.20 15:20	
o-Xylene	0.000479	0.0992	0.0733	73	0.0847	85	70-130	14	35	mg/kg	02.03.20 15:20	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	117		119		70-130	%	02.03.20 15:20
4-Bromofluorobenzene	88		88		70-130	%	02.03.20 15:20

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

XENCO LABORATORIES

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No: 1D502444

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Project Manager:	Ben Arguijo	Bill to: (if different)	OXY - Wade Dittrich (575)390-2828
Company Name:	Trinity Oilfield Services and Rentals	Company Name:	
Address:	P. O. Box 2587	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	(575) 390-7208	Email:	Wade.Dittrich@oxy.com & ben@trinityoilfieldservices.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfield ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/US ☐ TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Covington A Federal 0006	Turn Around	
Project Number:		Routine: 5-day	
Project Location	Lea County, NM	Rush:	
Sampler's Name:	Kenny Angel	Due Date:	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	20.5	Thermometer ID:	VE10
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

Preservative Codes

HNO3: HN
H2S04: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	TPH 8015M	BTEX	Chloride	Sample Comments
SP-3 East Composite	Soil	1/29/20	1000	6"		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Clarissa Cooper			2 Stephanie Reyes	mail services	11/29/20 1:22
3			4		
5			6		11/30/20

Revised Date: 08.14.19 Rev. 2019.1

Part # 165140-424 REV EXP 07/21
41 MAFA
TX-US LBB
MAFA
HLD
TRK# 4705 2522 7485
0201
THU - 30 JAN HOLD
PRIORITY OVERNIGHT
FedEx Express
J118111806050101v
MIDLAND TX 79711
(432) 563-1800
REF:
DEPT:
INV:
PO:
TO XENCO LABORATORIES HOLD FOR PICK UP
FEDEX EXPRESS SHIP CENTER
FEDEX EXPRESS SHIP CENTER
3600 COUNTY ROAD 1276 SOUTH
551C2/DFP
ORIGIN ID:HOBA
MAIL SERVICES ETC, LLC
4008 N GRIMES
HOBBS, NM 88240
UNITED STATES US
BILL RECIPIENT
DIMS: 15x13x10
CAD: 09093283/C
ACTWGT: 12.00

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 01/30/2020 11:00:00 AM

Work Order #: 650846

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	20.5
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6*Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**N/A**
#18 Water VOC samples have zero headspace?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 01/30/2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 02/03/2020
Jessica Kramer

Appendix E

Closure Criteria Justification

CLOSURE CRITERIA JUSTIFICATION

OXY USA Inc.

COVINGTON A FEDERAL 6

LEA COUNTY, NEW MEXICO

NMOCD INCIDENT NUMBER nAPP2104237072

Trinity Oilfield Services, on behalf of OXY USA, Inc, performed an investigation related to a minor release (10 bbl total) at the Covington A Federal 6 Battery at GPS coordinates Latitude: 32.367617 and Longitude: -103.630916. The area of the release was confined to a tank battery site surrounded by a berm and a small area of pasture outside of the berm on Federal land. The area surrounding the Covington A Federal 6 Battery is rangeland used for cattle grazing. It is crossed by lease roads and dotted with oilfield infrastructure. The landscape consists of low rolling hills and is unremarkable. The climate is semi-arid. There are no nearby watercourses, waterbodies, or water sources within one-half mile of the release site. The nearest dwelling is several miles distant. The depth to groundwater was determined to be approximately 340 feet by the regional groundwater trend map and the nearest wells to the area. The release at the Covington A Federal 6 was due to corrosion of a 2-inch steel production flow line.

Trinity's investigation included flying a drone to obtain localized aerial photography of the release area, delineation sampling with a stainless-steel spatula to obtain surface, wall and floor samples for laboratory chemical analysis. Sampling below the excavated floor was accomplished with a hand-auger. Maximum depth of sampling was approximately 6 feet below ground surface. All samples collected were placed in labeled soil sample jars, preserved with ice and Chain-of-Custody documentation was prepared prior to shipment of sample to a New Mexico certified laboratory (XENCO) in Midland Texas. All samples were analyzed for BTEX, TPH and Chloride content. The results of all laboratory analyses related to this release are summarized in Table 1 - Concentrations of Benzene, BTEX, TPH and Chloride in Soil

Results of laboratory sample analysis show that BTEX constituents were present at very low quantities (less than 1 mg/kg) and well below the NMOCD Table 1 criteria of 50 mg/kg for sites where the depth to groundwater is greater than 100 feet below ground surface. One THP sample (SP-3 East Comp @ 6 inches) exceeded the NMOCD Table 1 criteria of 2,500 mg/kg at the surface during initial sampling. The laboratory result was 4,720 mg/kg TPH. The soil represented by that sample was removed during remedial excavation. A resample and retest of the SP-3 Comp @ 6 inches location was performed following remedial soil removal. Laboratory results indicated that TPH had been reduced from 4,720 mg/kg to 483 mg/kg at the sample location. Per the NMOCD Table 1, chloride must be less than 20,000 mg/kg at release sites where the depth to groundwater is greater than 100 feet. All initial samples collected and analyzed at the NMOCD approved laboratory were below the NMOCD Table 1 criteria for chloride (20,0000 mg/kg) where the depth to groundwater is greater than 100 feet bgs. Chloride

mass was further reduced during remedial excavation of the site. Vertical delineation was achieved at three feet bgs for sample locations SP-1 through SP-4. Vertical delineation was achieved at six feet bgs for location SP-5. Sample locations SP-4 and SP-5 were collected from part of the spill area outside the bermed area in pastureland. Since this is BLM controlled land, the remedial target for chlorides in wall samples is 600 mg/kg. Laboratory analysis of final wall samples for sample points SP-4 and SP-5 yielded results that were below all NMOCD and BLM target criteria for Benzene, BTEX, TPH and Chloride. The site was backfilled with caliche on the pad and non-impacted soil from a nearby source in the pasture area. Berms were rebuilt on the pad and soils in the pasture were contoured to blend seamlessly into the surrounding terrain. The pasture area was seeded with a BLM approved mixture. The remedial action for the Covington A Federal 6 Battery is complete.

Trinity, on behalf of OXY USA, Inc. is requesting closure of Incident Number nAPP2104237072 concerned with the release a small quantity of crude oil and produced water at the Covington A Federal 6 Site in Lea County, NM. The site has been remediated to levels below the NMOCD Table 1 Criteria for BTEX, TPH and chloride.

Appendix F

Field Notes

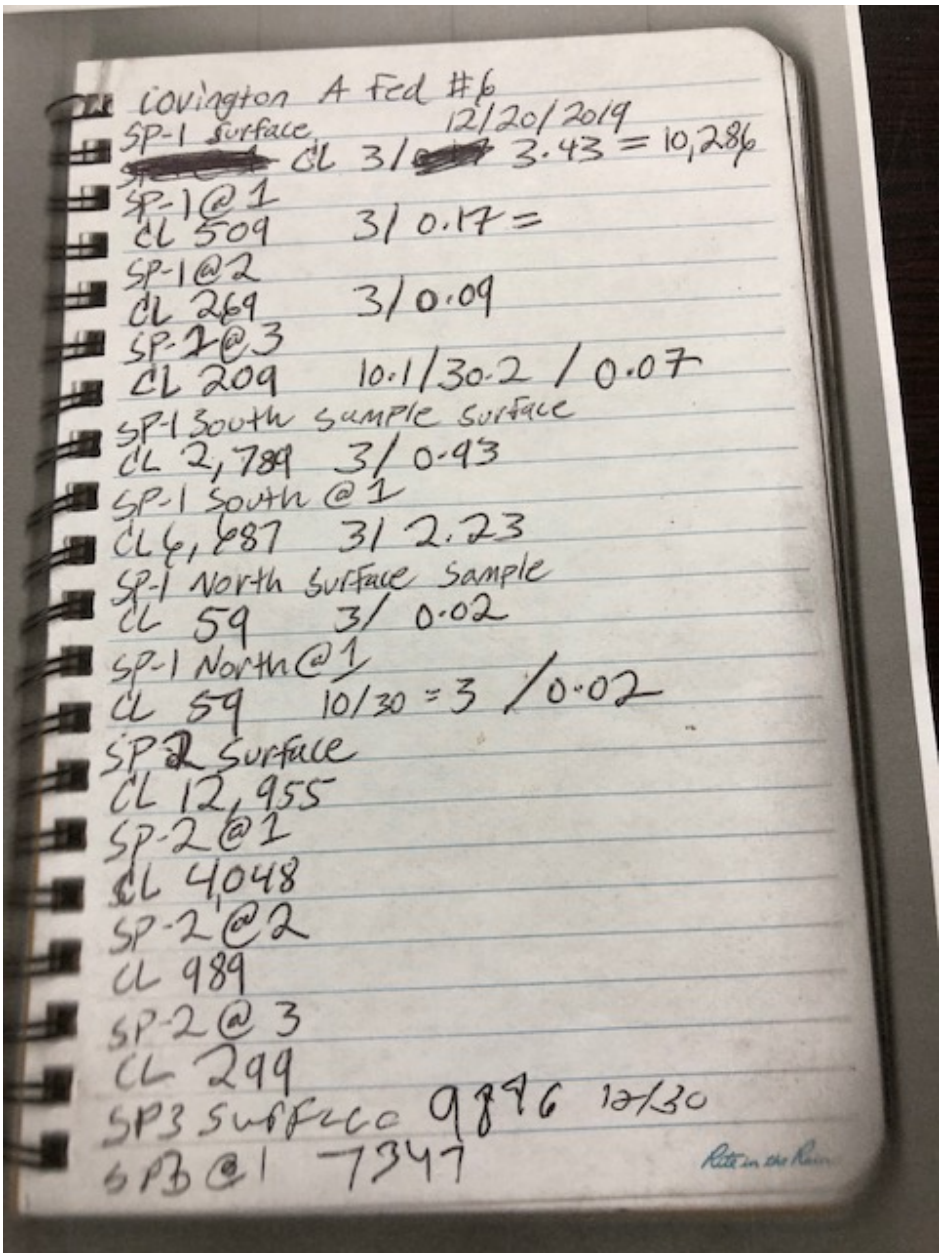
Covington A Federal 6

Sp1 surface 1/9 0940 10240 Sp1 @1 5680 sp1@2 2442
Sp1 @ 3 1/9 945 cl 580
Sp1 east wall composite 1/9
950cl636
Sp1 North wall compiste1/9 955 cl680
Sp1 south wall composite 10:00 1/9 cl1224
Sp1 west wall 10:05 1/9cl 2442
Sp2 north wall composite 10:10 1/9cl 2248
Sp2 west wall composite 10:15 1/9cl 860
Sp2 surface 10:07cl 12480 Sp2 @1 6480sp2 @2 2448
Sp2 @3:10:09cl 320
Sp3 surface 1/9 10:20cl14380 sp3@1 8248 sp3 @2 2246
Sp3 @3 10:25cl480
Sp3 south wall composite 1030cl
Sp3 east wall composite 10:35cl
Sp4 surface 1040cl 2442
Sp4 @2 846
Sp4 @3 1045cl 205
Sp4 south 846 sp4 south 205 sp4 south wall 10:50cl 205
Sp4 west 548 sp4 west cl <108 Sp4 west wall 10:55cl<108
Sp5 East 926 684 <108
Sp5 east wall composite 11:00cl<108
Sp5 southcl1224 sp5 south 860 sp5 south 205

- Sp5 south wall composite 10/9 11:10cl205
- Sp5north cl1224 sp5 north 648 sp5 north cl128

Sp5 north wall composite 1/13 1028cl
Sp5 surface 1/9 11:05cl4820 sp5 @2 2442 sp5 @4 cl 648
Sp5 @6 1/9 11:10cl340

Sent from my iPhone


Covington A Fed #6
12/20/2019
SP-1 surface
CL 3/ 3.43 = 10,286
SP-1@1
CL 509 3/ 0.17 =
SP-1@2
CL 269 3/0.09
SP-2@3
CL 209 10.1/30.2 / 0.07
SP-1 South sample surface
CL 2,789 3/ 0.93
SP-1 South @1
CL 6,687 3/ 2.23
SP-1 North surface sample
CL 59 3/ 0.02
SP-1 North@1
CL 59 10/30 = 3 / 0.02
SP2 Surface
CL 12,955
SP-2@1
CL 4048
SP-2@2
CL 989
SP-2@3
CL 299
SP3 surface 9896 12/30
SP3@1 7347
Rite in the Rain

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 18250

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 18250
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2104237072 COVINGTON A FEDERAL 0006, thank you. This closure is approved.	11/15/2021