

NM OIL CONSERVATION
ARTESIA DISTRICT

State of New Mexico
Energy Minerals and Natural Resources

NOV 21 2017

Form C-141
Revised April 3, 2017

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

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.
RECEIVED

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

Release Notification and Corrective Action

NAB173325479A

OPERATOR

Initial Report Final Report

Name of Company	OXY USA INC <i>11/16/17</i>	Contact	WADE DITTRICH
Address	PO BOX 4294; HOUSTON, TX 77210	Telephone No.	575-390-2828
Facility Name	LOST TANK 35 STATE #7	Facility Type	WELL
Surface Owner	STATE	Mineral Owner	STATE
		API No.	30-015-31640

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	35	21S	31E	1650	SOUTH	2030	WEST	EDDY

Latitude 32.43216 Longitude -103.75008 NAD83

NATURE OF RELEASE

Type of Release	OIL & PRODUCED WATER	Volume of Release	.25 BBL OIL 25 BBLs PRODUCED WATER	Volume Recovered	0 BBLs
Source of Release	3 INCH POLY LINE FAILURE	Date and Hour of Occurrence	11-16-2017	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	MIKE BRATCHER-NMOCD; CRYSTAL WEAVER-NMOCD		
By Whom?	WADE DITTRICH	Date and Hour	11-20-2017 @ 10:22 AM		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Leak was caused by a 3 inch poly line failure. Line was repaired and returned to service.

Describe Area Affected and Cleanup Action Taken.*

The affected area is 10x50 (measurements are subject to change with GPS tracking). Remediation will be completed in accordance with a remediation plan approved by the NMOCD and the SLO.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature:	<i>Waade Ditrlich</i>	OIL CONSERVATION DIVISION	
Printed Name:	WADE DITTRICH	Approved by Environmental Specialist:	<i>Crystal Weaver</i>
Title:	ENVIROMENTAL COORDINATOR	Approval Date:	11/28/17
E-mail Address:	waade.ditrlich@oxy.com	Expiration Date:	N/A
Date:	11-21-17	Phone:	575-390-2828
		Conditions of Approval:	<i>see attached</i>
		Attached	<i>APP. 4496</i>

* Attach Additional Sheets If Necessary

11/27/17 AB

Incident ID	NAB1733254794
District RP	
Facility ID	
Application ID	

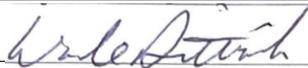
Closure

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:  Date: 07/27/2023
 email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Shelly Wells Date: 8/22/2023

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: 8/23/2023
 Printed Name: Jocelyn Harimon Title: Environmental Specialist

Incident ID	NAB1733254794
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?	<u>110</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

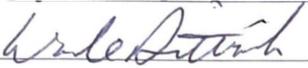
Characterization Report Checklist: *Each of the following items must be included in the report.*

- 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.

Incident ID	NAB1733254794
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:  Date: 07/27/2023
 email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Shelly Wells Date: 8/22/2023



RE: [EXT] Re: Backfill Request - Lost Tank 35 State #7 (2RP-4496) Approved

2 messages

Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>

Wed, Feb 20, 2019 at 3:53 PM

To: "Ben J. Arguijo" <ben@trinityoilfieldservices.com>, "Mann, Ryan" <rmann@slo.state.nm.us>

Cc: Wade Dittrich <wade_dittrich@oxy.com>, Todd Roberson <todd@trinityoilfieldservices.com>, Josh Halcomb <josh@trinityoilfieldservices.com>, Duskie Bennett <duskie@trinityoilfieldservices.com>

Hello,

Backfill request is approved by OCD as outlined. OCD looks forward to a closure report with detail. Also, be sure to indicate the status of the stockpiles generated.

OCD sees the slightly above 600 ppm Chloride that may remain, but it appears likely that what is to be left in-situ will not have a deleterious effect.

As SLO appears satisfied with no liner placement in this circumstance OCD agrees.

In closure report, please indicate in detail you evaluation of suggested depth to water.

Thank you for your efforts.

Bradford Billings

EMNRD//OCD

Santa Fe

From: Ben J. Arguijo <ben@trinityoilfieldservices.com>

Sent: Tuesday, February 19, 2019 2:51 PM

To: Mann, Ryan <rmann@slo.state.nm.us>

Cc: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Wade Dittrich <wade_dittrich@oxy.com>; Todd Roberson <todd@trinityoilfieldservices.com>; Josh Halcomb <josh@trinityoilfieldservices.com>; Duskie Bennett <duskie@trinityoilfieldservices.com>

Subject: [EXT] Re: Backfill Request - Lost Tank 35 State #7 (2RP-4496)

Thank you, Mr. Mann.

Mr. Billings, we would like to begin backfilling this site ASAP (i.e., hopefully tomorrow).

Thanks.

Ben J. Arguijo

Trinity Oilfield Services

P.O. Box 2587

Hobbs, NM 88241

(575)390-7208

ben@trinityoilfieldservices.com

On Mon, Feb 18, 2019 at 10:25 AM Mann, Ryan <rmann@slo.state.nm.us> wrote:

In the interest of progressing toward closure, NMSLO will approve of the backfill request with some contamination in place. Like approval is also necessary from the NMOCD.

From: Ben J. Arguijo [mailto:ben@trinityoilfieldservices.com]

Sent: Wednesday, February 13, 2019 10:39 AM

To: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Mann, Ryan <rmann@slo.state.nm.us>

Cc: Wade Dittrich <wade_dittrich@oxy.com>; Todd Roberson <todd@trinityoilfieldservices.com>; Josh Halcomb <josh@trinityoilfieldservices.com>; Duskie Bennett <duskie@trinityoilfieldservices.com>

Subject: Backfill Request - Lost Tank 35 State #7 (2RP-4496)

All,

The Lost Tank 35 State #7 (2RP-4496) release site has been excavated in accordance with the NMOCD- and NMSLO-approved "Environmental Site Summary & Spill Remediation Proposal" (henceforth "Work Plan") dated 4/23/2018. Laboratory analytical results and field-screens indicate horizontal delineation/excavation of the release has been achieved. However, a couple of hotspots with slightly elevated chloride concentrations (i.e., 612 - 1,184 mg/kg) were encountered in the floor of the excavation and are represented in the attached data tables and "Sample Location Map" by soil samples SP-1 Floor, SP-1 W. Floor, and SP-2 W. Floor. Laboratory analytical results and field screens of soil samples collected from delineation trenches SP-1 Trench and SP-2 W. Floor Trench indicate the chloride contamination cleans up between 5' - 7' below ground surface (bgs).

Although the chloride concentrations in the hotspots are above the 600 mg/kg Recommended Remediation Action Level listed in the Work Plan, they are well below the current closure criteria of 20,000 mg/kg listed in Table I of 19.15.29.12 NMAC for a site where the depth to groundwater is >100 feet bgs (NOTE: it is approximately 120' bgs at this location). Since the release has been fully delineated, and the chloride concentrations in the areas in question do not pose imminent risk to human health, the environment, or groundwater, Trinity Oilfield Services, on behalf of OXY, requests permission to cease remediation activities at the release site forthwith and to backfill the excavation (with no liner).

Thank you for your time and consideration.

Respectfully,

Ben J. Arguijo

Ben J. Arguijo

Environmental Project Manager

Trinity Oilfield Services

Hobbs, NM 88241

(575)390-7208

ben@trinityoilfieldservices.com

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Ben Arguijo <ben@trinityoilfieldservices.com> Wed, Feb 20, 2019 at 3:57 PM
To: "Billings, Bradford, EMNRD" <Bradford.Billings@state.nm.us>
Cc: "Mann, Ryan" <rmann@slo.state.nm.us>, Wade Dittrich <wade_dittrich@oxy.com>, Todd Roberson <todd@trinityoilfieldservices.com>, Josh Halcomb <josh@trinityoilfieldservices.com>, Duskie Bennett <duskie@trinityoilfieldservices.com>

Thank you, sir.

Ben J. Arguijo
Environmental Project Manager
Trinity Oilfield Services & Rentals, LLC
(575)390-7208
[Quoted text hidden]



Spill Remediation Proposal - Lost Tank 35 State #7 (2RP-4496)

3 messages

Ben J. Arguijo <ben@trinityoilfieldservices.com> Mon, Apr 23, 2018 at 4:19 PM
To: "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>, "Weaver, Crystal, EMNRD" <crystal.weaver@state.nm.us>, "Mann, Ryan" <rmann@slo.state.nm.us>
Cc: Wade Dittrich <wade_dittrich@oxy.com>, Duskie Bennett <duskie@trinityoilfieldservices.com>, Todd Roberson <todd@trinityoilfieldservices.com>

All,

Attached please find the "Environmental Site Summary & Spill Remediation Proposal" for the Lost Tank 35 State #7 release site (2RP-4496).

If you have any questions, please do not hesitate to contact me.

Thank you for your time and consideration.

Respectfully,
Ben J. Arguijo

Ben J. Arguijo
Environmental Project Manager
Trinity Oilfield Services
P.O. Box 2587
Hobbs, NM 88241
(575)390-7208
ben@trinityoilfieldservices.com

 **LostTank35_SpillRemediationProposal.pdf**
2991K

Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us> Thu, Jun 7, 2018 at 10:17 AM
To: "Ben J. Arguijo" <ben@trinityoilfieldservices.com>, "Weaver, Crystal, EMNRD" <Crystal.Weaver@state.nm.us>, "Mann, Ryan" <rmann@slo.state.nm.us>
Cc: Wade Dittrich <wade_dittrich@oxy.com>, Duskie Bennett <duskie@trinityoilfieldservices.com>, Todd Roberson <todd@trinityoilfieldservices.com>

RE: OXY USA * Lost Tank 35 St 7 * **2RP-4496** * DOR: 11/16/17

Ben,

Your proposal for remediation of the above referenced release is approved. Please advise once remedial activities have been scheduled.

Thank you,

Mike Bratcher

NMOCD District 2

811 South First Street

Artesia, NM 88210

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

[Quoted text hidden]

Mann, Ryan <rmann@slo.state.nm.us> Mon, Jun 11, 2018 at 11:31 AM
To: "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>, "Ben J. Arguijo" <ben@trinityoilfieldservices.com>, "Weaver, Crystal, EMNRD" <Crystal.Weaver@state.nm.us>
Cc: Wade Dittrich <wade_dittrich@oxy.com>, Duskie Bennett <duskie@trinityoilfieldservices.com>, Todd Roberson <todd@trinityoilfieldservices.com>

NMSLO also approves of the remediation plan.

Ryan Mann

Remediation Specialist

Field Operation Division

(575) 392-3697

(505) 699-1989

New Mexico State Land Office

2827 N. Dal Paso Suite 117

Hobbs, NM 88240

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Trinity Oilfield Services & Rentals, LLC



July 27th, 2023

Oil Conservation Division, District II
811 South First Street,
Artesia, New Mexico 88210

Re: **Closure Request**
Lost Tank 35 State #007
Tracking #: NAB1733254794

Trinity Oilfield Services (Trinity), on behalf of OXY USA, Inc., hereby submits the following Closure Request in response to a release that occurred at the above-referenced location, and further described below.

Site Information	
Incident ID	NAB1733254794
Site Name	Lost Tank 35 State #007
Company	OXY USA, Inc.
County	Eddy
ULSTR	K-35-21S-31E
GPS Coordinates (NAD 83)	32.432354, -103.7505646
Landowner	State

HISTORICAL RELEASE BACKGROUND

This site had previously been remediated but no paperwork existed for verification, therefore, OXY performed confirmation sampling to verify remediation limits had been met.

On 11/20/2017, OXY USA, Inc. reported a release at the Lost Tank 35 State #007. The release was caused by a 3 inch poly line failure. The line was repaired and returned to service. Approximately 5,068 sqft. of the Pad was found to be damp upon initial inspection.

Release Information	
Date of Release	11/16/2017
Type of Release	Cruide Oil and Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	25 bbls
Volume Recovered – Produced Water	0 bbls
Volume Released – Crude Oil	0.25 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad - Approximately 5,068 sqft.
Site Location Map	Attached

SITE CHARACTERIZATION AND CLOSURE CRITERIA**Depth to Groundwater/Wellhead Protection:**

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	C-04691-POD1	02/20/2023	110
NM OSE	C-04695-POD1	02/20/2023	110
USGS	NA	NA	NA

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a $\frac{1}{2}$ mile of the release site. The search revealed that Two (2) wells occurred in the databases that meet the NMOCD criteria for the age of data, the distance of the data point well from the release point, and a data point well having a diagram of construction.

General Site Characterization:

Site Assessment	
Karst Potential	Low
Distance to Watercourse	> 1000 ft.
Within 100 yr Floodplain	No
Pasture Impact	No

A risk-based site assessment/characterization was performed following the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has Low potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal, or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

Closure Criteria:

On-Site & Off-Site 4ft bgs	Recommended Remedial Action Levels (RRALs)
Chlorides	20,000 mg/kg
TPH (GRO and DRO and MRO)	2,500 mg/kg
TPH (GRO and DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the pasture area if impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES**Initial Sample Activities:**

Delineation Summary	
Delineation Dates	12/07/2017
Depths Sampled	6" – 6'
Delineation Map	Attached
Laboratory Results	Table 1

All soil samples were placed into laboratory-supplied glassware, labeled, and maintained on ice until delivery to an NMOCD-approved laboratory (Xenco Laboratories of Midland, TX) for the analysis of chloride using Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8021 B and Total Petroleum Hydrocarbon (TPH) constituents the by EPA 8015M.

Confirmation Activities:

Remediation Summary	
Remediation Dates	5/24/2023
Workplan Approval	06/07/2018
Liner Variance Request	None
Deferral Request	None
Depths Excavated	0'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	0 yards
Remediation Map	Attached
Laboratory Results	Table 2

Impacted soil within the release margins was excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. Unless a Variance Request has been approved, all Floor and On-Site Walls of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the RRAL NMOCD Closure Criteria listed in the Table above, and all Off-Site Walls were advanced to meet reclamation standards. Confirmation soil samples (five-point composites representing no more than 200 sqft. of the excavated area) were collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to an NMOCD-approved disposal facility and the excavated area was backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities were restored to a condition that existed before the release to the extent practicable. The affected area was contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. Affected areas not on production pads and/or lease roads will be reseeded with a prescribed BLM, NMSLO, and/or Private Landowner requested seed mixture during the first favorable growing season following the closure of the site by the applicable regulatory agency.

REQUEST FOR CLOSURE

Supporting Documentation	
C-141 page 6	Signed and Attached
Delineation and Remediation Maps	Attached
Depth to Groundwater Maps and Source	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Site Photography	Attached
Laboratory Analytics with COCs	Attached

The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC; therefore, Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant closure approval for the referenced release.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

Cynthia Jordan

Cynthia Jordan
Project Scientist

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OXY USA, INC.
LOST TANK 35 STATE #7
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: 2RP-4496



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030							METHOD: 8015M				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 C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended Remediation Action Levels (RRALs)				10	NE	NE	NE	NE	NE	50	NE	NE	NE	5,000	600
SP-1 @ 6"	6"	12/7/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	80.7	<15.0	80.7	1,010
SP-1 @ 3'	3'	12/7/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	17.0	<15.0	17.0	1,310
SP-1 @ 5'	5'	12/7/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	17.9	<15.0	17.9	395
SP-1 @ 6'	6'	12/7/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	539
SP-2 @ 6"	6"	12/7/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	2,920
SP-2 @ 2'	2'	12/7/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	668
SP-3 @ 6"	6"	12/7/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	15.3	15.3	1,730
SP-3 @ 1'	1'	12/7/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<14.9	<14.9	<14.9	<14.9	671
SP-4 @ 6"	6"	12/7/2017	In-Situ	<0.0020	0.0032	<0.0020	<0.0040	<0.0020	<0.0020	0.00316	<15.0	155	55.7	211	83.0

NE = Not established

- = Not analyzed

Concentrations in **BOLD** exceed NMOCD RRALs

**TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL**

**OXY USA, INC.
LOST TANK 35 STATE #007
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAB1733254794**

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/WALL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Remediation Floors														
CF-001.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-002.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	368.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-003.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-004.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	848.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-005.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	416.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-006.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	224.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-007.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-008.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-009.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-010.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-011.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-012.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-013.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-014.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-016.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-017.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	336.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-018.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	3,360.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-020.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-021.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	384.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-022.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	4,240.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-00.0-S	0	5/24/2023	Floor	On-Site	Composite	In-Situ	3,200.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

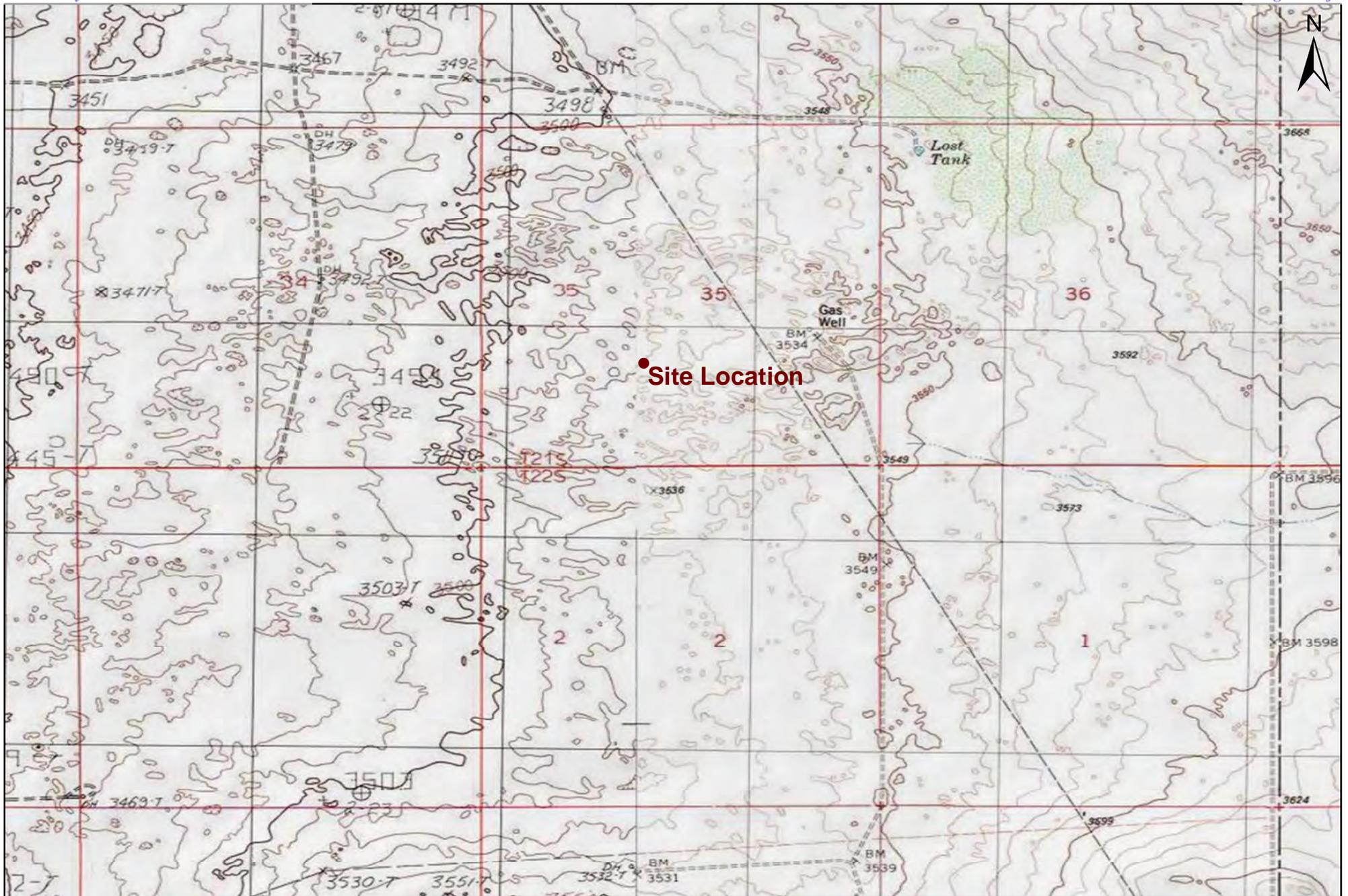


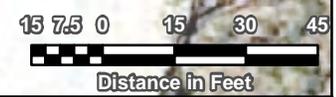
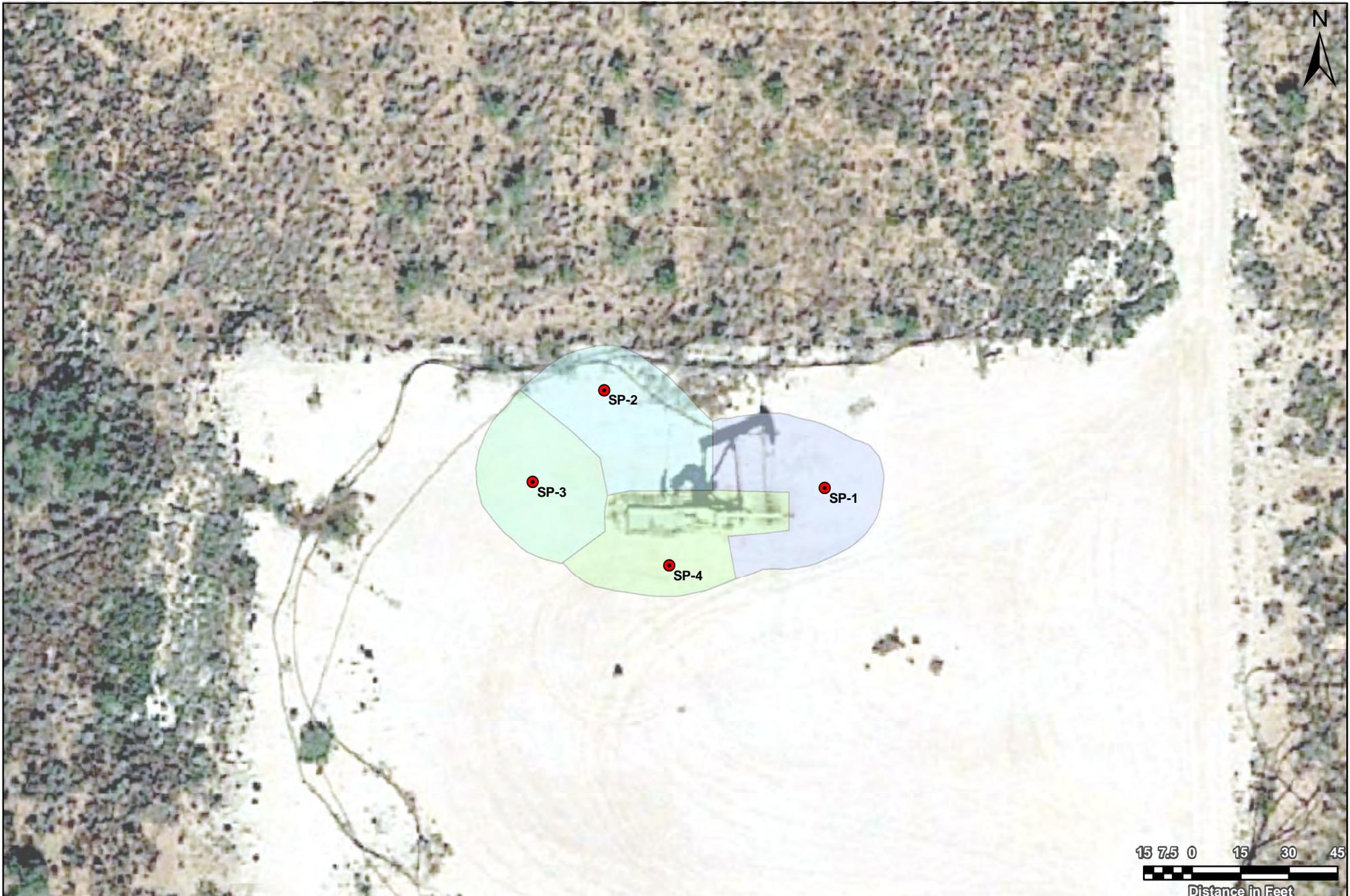
Figure 1
Site Location Map
OXY USA, Inc.
Lost Tank 35 State #7
Eddy County, New Mexico
NMOCD Reference #: 2RP-4496



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

Drawn By: BJA	Checked By: CTR
April 20, 2018	Scale: 1" = 2,000'





Legend

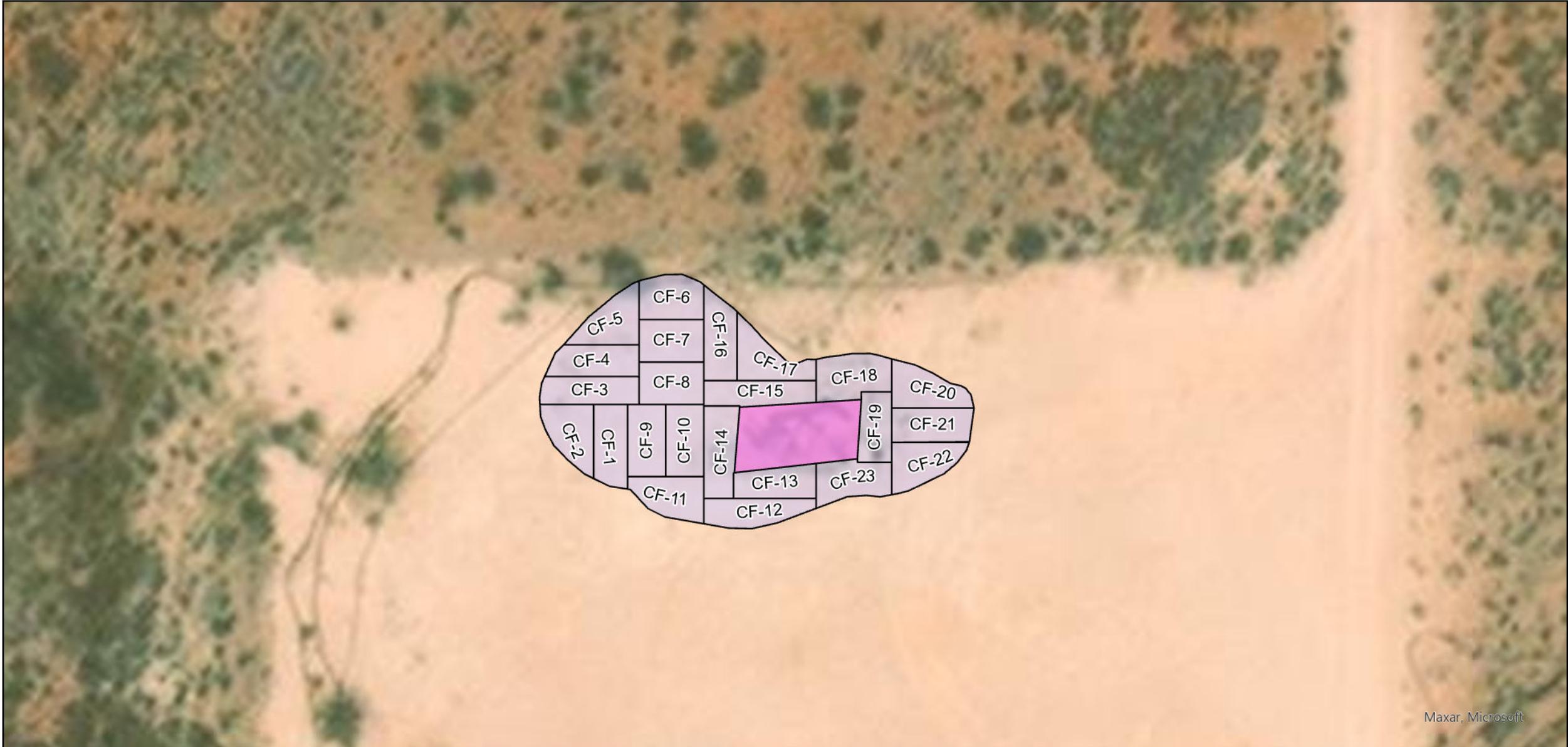
Proposed Excavation Depths	● Auger Hole
6" - 1' bgs	
2' bgs	
3' bgs	
4' bgs	

Figure 2
Sample Location Map
OXY USA, Inc.
Lost Tank 35 State #7
Eddy County, New Mexico
NMOCD Reference #: 2RP-4496



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

Drawn By: BJA	Checked By: CTR
April 23, 2018	Scale: 1" = 40'



Maxar, Microsoft

Legend:

-  Remediation Floor
-  Excavation Area
-  Existing Infrastructure

Remediation Map
OXY USA, Inc.
Lost Tank 35 State #007
Eddy County, New Mexico
32.432354, -103.7505646
NMOCD Reference # NAB1733254794



OXY USA, Inc. – Lost Tank 35 State #7
Unit Letter “K” (NE/SW), Section 35, Township 21S, Range 31E



Lost Tank 35 St. 0007 – Release (Looking Northwest)



Lost Tank 35 St. 0007 – Release (Looking Northeast)

OXY USA, Inc. – Lost Tank 35 State #7
Unit Letter “K” (NE/SW), Section 35, Township 21S, Range 31E



Lost Tank 35 St. 0007 – Release (Looking North-Northeast)



Lost Tank 35 St. 0007 – Release (Looking East-Southeast)

OXY USA, Inc. – Lost Tank 35 State #7
Unit Letter “K” (NE/SW), Section 35, Township 21S, Range 31E



Lost Tank 35 St. 0007 – Release (Looking Southeast)



Lost Tank 35 St. 0007 – Release (Looking East)

OXY USA, Inc. – Lost Tank 35 State #7
Unit Letter “K” (NE/SW), Section 35, Township 21S, Range 31E



Lost Tank 35 St. 0007 – Release (Looking East-Northeast)



Lost Tank 35 St. 0007 – Release (Looking West)

OXY USA, Inc. – Lost Tank 35 State #7
Unit Letter “K” (NE/SW), Section 35, Township 21S, Range 31E



Lost Tank 35 St. 0007 – Release (Looking Northwest)



Previous Excavation





New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04691 POD1	3	3	3	35	21S	31E	617015	3588637 

Driller License: 1184 **Driller Company:** WEST TEXAS WATER WELL SERVICE

Driller Name: RUSSELL SOUTHERLAND

Drill Start Date: 01/12/2023 **Drill Finish Date:** 01/12/2023 **Plug Date:**

Log File Date: 02/20/2023 **PCW Rev Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** 110 feet **Depth Water:**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/27/23 9:26 AM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4691 POD 1 SB-1		WELL TAG ID NO.		OSE FILE NO(S). C-4691			
	WELL OWNER NAME(S) OXY USA INC				PHONE (OPTIONAL) 575-390-2828			
	WELL OWNER MAILING ADDRESS PO BOX 4294				CITY HOUSTON	STATE TX	ZIP 77210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 25	SECONDS 43.3194	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE -103	45	19.368	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE LOST TANK 35 STATE # 4 CTB								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1184		NAME OF LICENSED DRILLER RUSSELL SOUTHERLAND			NAME OF WELL DRILLING COMPANY WEST TEXAS WATER WELL SERVICE		
	DRILLING STARTED 1/12/2023	DRILLING ENDED 01/12/2023	DEPTH OF COMPLETED WELL (FT) 110	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD		ADDITIVES - SPECIFY:					
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
			NO CASING IN HOLE					
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
			N/A					

FOR OSE INTERNAL USE

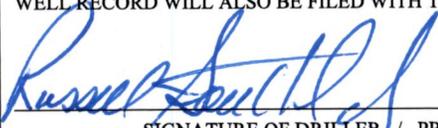
WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-4691-POD 1 SB-1	POD NO. 1 SB-1	TRN NO. 739532
LOCATION mont. 21. 31. 35. 333	WELL TAG ID NO. NA	PAGE 1 OF 2

OSE 01 FEB 20 2023 AMB:48

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	1		CALICHIE PAD	Y ✓ N	
	1	24		RED SAND	Y ✓ N	
	24	40		SAND & BROKEN ROCK	Y ✓ N	
	40	45		BROKEN ROCK	Y ✓ N	
	45	60		RED SAND	Y ✓ N	
	60	64		TAN SAND	Y ✓ N	
	64	110		SANDY RED SHALE & SANDSTONE	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm):	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER - SPECIFY: DRY HOLE					0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
	05E 011 FEB 20 2023 AM 8:48	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:		
RUSSELL SOUTHERLAND		

6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.	
	 _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME	RUSSELL SOUTHERLAND _____ DATE
01/12/2023		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)	
FILE NO. C-4691-POD1 SB-1	POD NO. SB-1	TRN NO. 739532	
LOCATION Moul. 21.31.35.333	WELL TAG ID NO. NA	PAGE 2 OF 2	



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)					(NAD83 UTM in meters)	
		(quarters are smallest to largest)					X Y	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	
NA	C 04695 POD1	3	3	3	35	21S	31E	617015 3588636

Driller License: 1184	Driller Company: WEST TEXAS WATER WELL SERVICE	
Driller Name: RUSSELL SOUTHLAND		
Drill Start Date: 01/12/2023	Drill Finish Date: 01/12/2023	Plug Date: 01/16/2023
Log File Date: 02/20/2023	PCW Rev Date:	Source:
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size:	Depth Well: 110 feet	Depth Water:

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/27/23 9:15 AM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-04695 POD 1		WELL TAG ID NO.		OSE FILE NO(S). C-04695		
	WELL OWNER NAME(S) OXY USA INC				PHONE (OPTIONAL) 575-390-2828		
	WELL OWNER MAILING ADDRESS PO BOX 4294				CITY HOUTON	STATE ZIP TX 77210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 14	SECONDS 48.25232 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE -103	47	10.4598 W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NORTH CORRIDOR WPF <i>Sec 04, T 24S, R 31E SW, SE, NW 3, 4, 1</i>							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1184	NAME OF LICENSED DRILLER RUSSELL SOUTHERLAND			NAME OF WELL DRILLING COMPANY WEST TEXAS WATER WELL SERVICE		
	DRILLING STARTED 1/12/2023	DRILLING ENDED 1/12/2023	DEPTH OF COMPLETED WELL (FT) 110	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:						
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
				NO CASING IN HOLE			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				N/A			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. <i>C-4695-POD 1</i>	POD NO. <i>1</i>	TRN NO. <i>740367</i>
LOCATION <i>Mout. 24. 31. 04. 341</i>	WELL TAG ID NO. _____	PAGE 1 OF 2

USE DIT FEB 20 2023 11:48

NAB1733254794 | LOST TANK 35 STATE #007



7/27/2023, 9:41:39 AM

GIS WATERS PODs

● Active

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



U.S. Fish and Wildlife Service
National Wetlands Inventory

NAB1733254794 | LOST TANK 35 STATE #007



July 26, 2023

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette



103°45'21"W 32°26'12"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- | | | |
|------------------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone D</i> |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard <i>Zone D</i> |
| | | Channel, Culvert, or Storm Sewer |
| OTHER FEATURES | | Levee, Dike, or Floodwall |
| | | Cross Sections with 1% Annual Chance Water Surface Elevation |
| MAP PANELS | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | | Profile Baseline |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



0 250 500 1,000 1,500 2,000 Feet 1:6,000

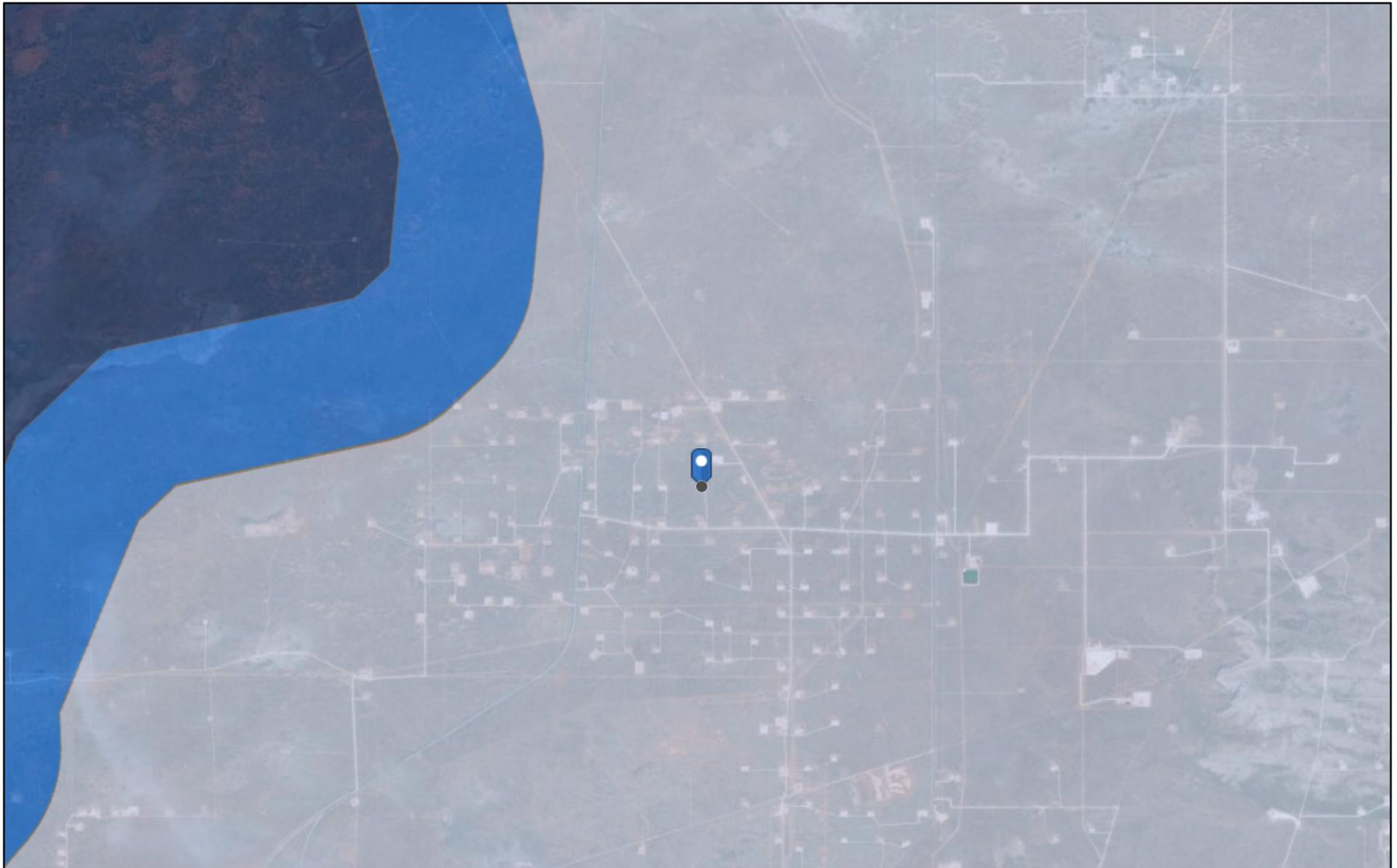
103°44'43"W 32°25'41"N

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/26/2023 at 5:36 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

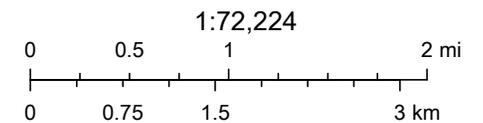
NAB1733254794 | LOST TANK 35 STATE #007



7/26/2023, 3:33:10 PM

Karst Occurrence Potential

	High		Medium
			Low

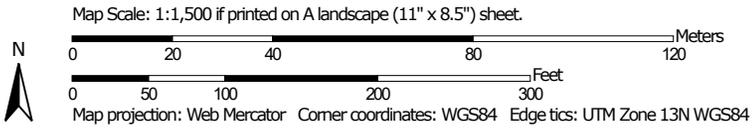


BLM, OCD, New Mexico Tech, Earthstar Geographics

Soil Map—Eddy Area, New Mexico
(NAB1733254794 | LOST TANK 35 STATE #007)



Soil Map may not be valid at this scale.



Soil Map—Eddy Area, New Mexico
(NAB1733254794 | LOST TANK 35 STATE #007)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.
Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	8.2	100.0%
Totals for Area of Interest		8.2	100.0%



Certificate of Analysis Summary 570669

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Lost Tank 35 State 007



Project Id:
Contact: Ben Arguijo
Project Location: Hobbs

Date Received in Lab: Fri Dec-08-17 02:30 pm
Report Date: 18-DEC-17
Project Manager: Holly Taylor

Analysis Requested	Lab Id:	570669-001	570669-002	570669-003	570669-004	570669-005	570669-006
	Field Id:	Sp-1@6"	Sp-1@3'	Sp-1@5'	Sp-1@6'	Sp-2@6"	Sp-2@2'
	Depth:						
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Dec-07-17 09:47	Dec-07-17 10:05	Dec-07-17 10:21	Dec-07-17 10:25	Dec-07-17 10:43	Dec-07-17 10:52
BTEX by EPA 8021B	Extracted:	Dec-14-17 16:00					
	Analyzed:	Dec-15-17 13:32	Dec-15-17 13:51	Dec-15-17 15:02	Dec-15-17 15:47	Dec-15-17 16:06	Dec-15-17 16:25
	Units/RL:	mg/kg RL					
Benzene		<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201	<0.00200 0.00200	<0.00199 0.00199
Toluene		<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201	<0.00200 0.00200	<0.00199 0.00199
Ethylbenzene		<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201	<0.00200 0.00200	<0.00199 0.00199
m,p-Xylenes		<0.00399 0.00399	<0.00400 0.00400	<0.00402 0.00402	<0.00402 0.00402	<0.00401 0.00401	<0.00398 0.00398
o-Xylene		<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201	<0.00200 0.00200	<0.00199 0.00199
Total Xylenes		<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201	<0.00200 0.00200	<0.00199 0.00199
Total BTEX		<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201	<0.00200 0.00200	<0.00199 0.00199
Chloride by EPA 300	Extracted:	Dec-13-17 15:00	Dec-12-17 16:10	Dec-13-17 15:00	Dec-13-17 15:00	Dec-13-17 15:00	Dec-13-17 15:00
	Analyzed:	Dec-13-17 18:01	Dec-13-17 00:24	Dec-13-17 18:19	Dec-13-17 18:25	Dec-13-17 18:43	Dec-13-17 18:49
	Units/RL:	mg/kg RL					
Chloride		1010 4.95	1310 24.9	395 4.98	539 4.96	2920 24.8	668 4.96
TPH By SW8015 Mod	Extracted:	Dec-11-17 11:00					
	Analyzed:	Dec-12-17 04:14	Dec-12-17 05:15	Dec-12-17 05:36	Dec-12-17 05:59	Dec-12-17 06:19	Dec-12-17 06:39
	Units/RL:	mg/kg RL					
Gasoline Range Hydrocarbons (GRO)		<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0
Diesel Range Organics (DRO)		80.7 15.0	17.0 15.0	17.9 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0
Oil Range Hydrocarbons (ORO)		<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0
Total TPH		80.7 15.0	17.0 15.0	17.9 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Holly Taylor
Project Manager



Certificate of Analysis Summary 570669

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Lost Tank 35 State 007



Project Id:
Contact: Ben Arguijo
Project Location: Hobbs

Date Received in Lab: Fri Dec-08-17 02:30 pm
Report Date: 18-DEC-17
Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	570669-007	570669-008	570669-009			
	<i>Field Id:</i>	Sp-3@6"	Sp-3@1'	Sp-4@6"			
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Dec-07-17 11:09	Dec-07-17 11:12	Dec-07-17 11:28			
BTEX by EPA 8021B	<i>Extracted:</i>	Dec-14-17 16:00	Dec-14-17 16:00	Dec-15-17 16:00			
	<i>Analyzed:</i>	Dec-15-17 16:44	Dec-15-17 17:14	Dec-16-17 02:40			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202			
Toluene		<0.00200 0.00200	<0.00200 0.00200	0.00316 0.00202			
Ethylbenzene		<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202			
m,p-Xylenes		<0.00399 0.00399	<0.00401 0.00401	<0.00404 0.00404			
o-Xylene		<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202			
Total Xylenes		<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202			
Total BTEX		<0.00200 0.00200	<0.00200 0.00200	0.00316 0.00202			
Chloride by EPA 300	<i>Extracted:</i>	Dec-12-17 16:10	Dec-13-17 15:00	Dec-12-17 16:10			
	<i>Analyzed:</i>	Dec-13-17 00:29	Dec-13-17 18:55	Dec-13-17 00:35			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		1730 25.0	671 4.92	83.0 24.9			
TPH By SW8015 Mod	<i>Extracted:</i>	Dec-11-17 11:00	Dec-11-17 11:00	Dec-11-17 11:00			
	<i>Analyzed:</i>	Dec-12-17 06:59	Dec-12-17 07:18	Dec-12-17 07:38			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Gasoline Range Hydrocarbons (GRO)		<15.0 15.0	<14.9 14.9	<15.0 15.0			
Diesel Range Organics (DRO)		<15.0 15.0	<14.9 14.9	155 15.0			
Oil Range Hydrocarbons (ORO)		15.3 15.0	<14.9 14.9	55.7 15.0			
Total TPH		15.3 15.0	<14.9 14.9	211 15.0			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Holly Taylor
Project Manager

Analytical Report 570669
for
Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo

Lost Tank 35 State 007

18-DEC-17

Collected By: Client



1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-17-23), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab code: TX01468):
Texas (T104704295-17-15), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab code: TX00127): Texas (T104704221-17-12)
Xenco-Lubbock (EPA Lab code: TX00139): Texas (T104704219-17-16)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-17-13)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-17-3)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)



18-DEC-17

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

Reference: XENCO Report No(s): **570669**
Lost Tank 35 State 007
Project Address: Hobbs

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) 570669. 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. 570669 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

Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

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Sample Cross Reference 570669

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Sp-1@6"	S	12-07-17 09:47		570669-001
Sp-1@3'	S	12-07-17 10:05		570669-002
Sp-1@5'	S	12-07-17 10:21		570669-003
Sp-1@6'	S	12-07-17 10:25		570669-004
Sp-2@6"	S	12-07-17 10:43		570669-005
Sp-2@2'	S	12-07-17 10:52		570669-006
Sp-3@6"	S	12-07-17 11:09		570669-007
Sp-3@1'	S	12-07-17 11:12		570669-008
Sp-4@6"	S	12-07-17 11:28		570669-009



CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: Lost Tank 35 State 007

Project ID:
Work Order Number(s): 570669

Report Date: 18-DEC-17
Date Received: 12/08/2017

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3035884 Inorganic Anions by EPA 300

Lab Sample ID 570809-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 570669-001, -003, -004, -005, -006, -008.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3036005 BTEX by EPA 8021B

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

Batch: LBA-3036149 BTEX by EPA 8021B

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



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-1@6"** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-001 Date Collected: 12.07.17 09.47
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: LRI % Moisture:
 Analyst: OJS Date Prep: 12.13.17 15.00 Basis: Wet Weight
 Seq Number: 3035884

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1010	4.95	mg/kg	12.13.17 18.01		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 12.11.17 11.00 Basis: Wet Weight
 Seq Number: 3035623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	12.12.17 04.14	U	1
Diesel Range Organics (DRO)	C10C28DRO	80.7	15.0	mg/kg	12.12.17 04.14		1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	12.12.17 04.14	U	1
Total TPH	PHC635	80.7	15.0	mg/kg	12.12.17 04.14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	12.12.17 04.14	
o-Terphenyl	84-15-1	92	%	70-135	12.12.17 04.14	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-1@6"**
 Lab Sample Id: 570669-001

Matrix: Soil
 Date Collected: 12.07.17 09.47

Date Received: 12.08.17 14.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 12.14.17 16.00

Basis: Wet Weight

Seq Number: 3036005

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.15.17 13.32	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.15.17 13.32	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.15.17 13.32	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.15.17 13.32	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.15.17 13.32	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.15.17 13.32	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.15.17 13.32	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	88		%	80-120	12.15.17 13.32	
4-Bromofluorobenzene	460-00-4	91		%	80-120	12.15.17 13.32	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-1@3'** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-002 Date Collected: 12.07.17 10.05
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: LRI % Moisture:
 Analyst: OJS Date Prep: 12.12.17 16.10 Basis: Wet Weight
 Seq Number: 3035745

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1310	24.9	mg/kg	12.13.17 00.24		5

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 12.11.17 11.00 Basis: Wet Weight
 Seq Number: 3035623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	12.12.17 05.15	U	1
Diesel Range Organics (DRO)	C10C28DRO	17.0	15.0	mg/kg	12.12.17 05.15		1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	12.12.17 05.15	U	1
Total TPH	PHC635	17.0	15.0	mg/kg	12.12.17 05.15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-135	12.12.17 05.15	
o-Terphenyl	84-15-1	93	%	70-135	12.12.17 05.15	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-1@3'**
 Lab Sample Id: 570669-002

Matrix: Soil
 Date Collected: 12.07.17 10.05

Date Received: 12.08.17 14.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 12.14.17 16.00

Basis: Wet Weight

Seq Number: 3036005

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.15.17 13.51	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.15.17 13.51	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.15.17 13.51	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	12.15.17 13.51	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.15.17 13.51	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.15.17 13.51	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.15.17 13.51	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	91		%	80-120	12.15.17 13.51	
1,4-Difluorobenzene	540-36-3	88		%	80-120	12.15.17 13.51	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-1@5'** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-003 Date Collected: 12.07.17 10.21
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: LRI % Moisture:
 Analyst: OJS Date Prep: 12.13.17 15.00 Basis: Wet Weight
 Seq Number: 3035884

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	395	4.98	mg/kg	12.13.17 18.19		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 12.11.17 11.00 Basis: Wet Weight
 Seq Number: 3035623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	12.12.17 05.36	U	1
Diesel Range Organics (DRO)	C10C28DRO	17.9	15.0	mg/kg	12.12.17 05.36		1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	12.12.17 05.36	U	1
Total TPH	PHC635	17.9	15.0	mg/kg	12.12.17 05.36		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-135	12.12.17 05.36	
o-Terphenyl	84-15-1	85	%	70-135	12.12.17 05.36	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-1@5'** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-003 Date Collected: 12.07.17 10.21
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 12.14.17 16.00 Basis: Wet Weight
 Seq Number: 3036005

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	12.15.17 15.02	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	12.15.17 15.02	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	12.15.17 15.02	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	12.15.17 15.02	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	12.15.17 15.02	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	12.15.17 15.02	U	1
Total BTEX		<0.00201	0.00201	mg/kg	12.15.17 15.02	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	90	%	80-120	12.15.17 15.02		
1,4-Difluorobenzene	540-36-3	89	%	80-120	12.15.17 15.02		



Certificate of Analytical Results 570669

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-1@6'** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-004 Date Collected: 12.07.17 10.25

Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: LRI % Moisture:
 Analyst: OJS Date Prep: 12.13.17 15.00 Basis: Wet Weight
 Seq Number: 3035884

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	539	4.96	mg/kg	12.13.17 18.25		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 12.11.17 11.00 Basis: Wet Weight
 Seq Number: 3035623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	12.12.17 05.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	12.12.17 05.59	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	12.12.17 05.59	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	12.12.17 05.59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	12.12.17 05.59	
o-Terphenyl	84-15-1	82	%	70-135	12.12.17 05.59	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-1@6'** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-004 Date Collected: 12.07.17 10.25
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 12.14.17 16.00 Basis: Wet Weight
 Seq Number: 3036005

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	12.15.17 15.47	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	12.15.17 15.47	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	12.15.17 15.47	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	12.15.17 15.47	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	12.15.17 15.47	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	12.15.17 15.47	U	1
Total BTEX		<0.00201	0.00201	mg/kg	12.15.17 15.47	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	87		%	80-120	12.15.17 15.47	
1,4-Difluorobenzene	540-36-3	87		%	80-120	12.15.17 15.47	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-2@6"** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-005 Date Collected: 12.07.17 10.43
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: LRI % Moisture:
 Analyst: OJS Date Prep: 12.13.17 15.00 Basis: Wet Weight
 Seq Number: 3035884

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	2920	24.8	mg/kg	12.13.17 18.43		5

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 12.11.17 11.00 Basis: Wet Weight
 Seq Number: 3035623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	12.12.17 06.19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	12.12.17 06.19	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	12.12.17 06.19	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	12.12.17 06.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-135	12.12.17 06.19	
o-Terphenyl	84-15-1	81	%	70-135	12.12.17 06.19	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-2@6"**
 Lab Sample Id: 570669-005

Matrix: Soil
 Date Collected: 12.07.17 10.43

Date Received: 12.08.17 14.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 12.14.17 16.00

Basis: Wet Weight

Seq Number: 3036005

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.15.17 16.06	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.15.17 16.06	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.15.17 16.06	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	12.15.17 16.06	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.15.17 16.06	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.15.17 16.06	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.15.17 16.06	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	91		%	80-120	12.15.17 16.06	
1,4-Difluorobenzene	540-36-3	89		%	80-120	12.15.17 16.06	



Certificate of Analytical Results 570669

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-2@2'**
 Lab Sample Id: 570669-006

Matrix: Soil
 Date Collected: 12.07.17 10.52

Date Received: 12.08.17 14.30

Analytical Method: Chloride by EPA 300
 Tech: LRI
 Analyst: OJS
 Seq Number: 3035884

Date Prep: 12.13.17 15.00

Prep Method: E300P
 % Moisture:
 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	668	4.96	mg/kg	12.13.17 18.49		1

Analytical Method: TPH By SW8015 Mod
 Tech: ARM
 Analyst: ARM
 Seq Number: 3035623

Date Prep: 12.11.17 11.00

Prep Method: TX1005P
 % Moisture:
 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	12.12.17 06.39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	12.12.17 06.39	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	12.12.17 06.39	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	12.12.17 06.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-135	12.12.17 06.39	
o-Terphenyl	84-15-1	80	%	70-135	12.12.17 06.39	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-2@2'**
 Lab Sample Id: 570669-006

Matrix: Soil
 Date Collected: 12.07.17 10.52

Date Received: 12.08.17 14.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 12.14.17 16.00

Basis: Wet Weight

Seq Number: 3036005

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	12.15.17 16.25	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	12.15.17 16.25	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	12.15.17 16.25	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	12.15.17 16.25	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	12.15.17 16.25	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	12.15.17 16.25	U	1
Total BTEX		<0.00199	0.00199	mg/kg	12.15.17 16.25	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	94		%	80-120	12.15.17 16.25	
1,4-Difluorobenzene	540-36-3	95		%	80-120	12.15.17 16.25	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-3@6"** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-007 Date Collected: 12.07.17 11.09
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: LRI % Moisture:
 Analyst: OJS Date Prep: 12.12.17 16.10 Basis: Wet Weight
 Seq Number: 3035745

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1730	25.0	mg/kg	12.13.17 00.29		5

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 12.11.17 11.00 Basis: Wet Weight
 Seq Number: 3035623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	12.12.17 06.59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	12.12.17 06.59	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	15.3	15.0	mg/kg	12.12.17 06.59		1
Total TPH	PHC635	15.3	15.0	mg/kg	12.12.17 06.59		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-135	12.12.17 06.59	
o-Terphenyl	84-15-1	91	%	70-135	12.12.17 06.59	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-3@6"**
 Lab Sample Id: 570669-007

Matrix: Soil
 Date Collected: 12.07.17 11.09

Date Received: 12.08.17 14.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 12.14.17 16.00

Basis: Wet Weight

Seq Number: 3036005

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.15.17 16.44	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.15.17 16.44	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.15.17 16.44	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	12.15.17 16.44	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.15.17 16.44	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.15.17 16.44	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.15.17 16.44	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	89		%	80-120	12.15.17 16.44	
4-Bromofluorobenzene	460-00-4	86		%	80-120	12.15.17 16.44	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-3@1'** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-008 Date Collected: 12.07.17 11.12
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: LRI % Moisture:
 Analyst: OJS Date Prep: 12.13.17 15.00 Basis: Wet Weight
 Seq Number: 3035884

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	671	4.92	mg/kg	12.13.17 18.55		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 12.11.17 11.00 Basis: Wet Weight
 Seq Number: 3035623

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	12.12.17 07.18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<14.9	14.9	mg/kg	12.12.17 07.18	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<14.9	14.9	mg/kg	12.12.17 07.18	U	1
Total TPH	PHC635	<14.9	14.9	mg/kg	12.12.17 07.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	12.12.17 07.18	
o-Terphenyl	84-15-1	96	%	70-135	12.12.17 07.18	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-3@1'**
 Lab Sample Id: 570669-008

Matrix: Soil
 Date Collected: 12.07.17 11.12

Date Received: 12.08.17 14.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 12.14.17 16.00

Basis: Wet Weight

Seq Number: 3036005

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	12.15.17 17.14	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	12.15.17 17.14	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	12.15.17 17.14	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	12.15.17 17.14	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	12.15.17 17.14	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	12.15.17 17.14	U	1
Total BTEX		<0.00200	0.00200	mg/kg	12.15.17 17.14	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	93		%	80-120	12.15.17 17.14	
1,4-Difluorobenzene	540-36-3	96		%	80-120	12.15.17 17.14	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-4@6"**
 Lab Sample Id: 570669-009

Matrix: Soil
 Date Collected: 12.07.17 11.28

Date Received: 12.08.17 14.30

Analytical Method: Chloride by EPA 300
 Tech: LRI
 Analyst: OJS
 Seq Number: 3035745

Date Prep: 12.12.17 16.10

Prep Method: E300P
 % Moisture:
 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	83.0	24.9	mg/kg	12.13.17 00.35		5

Analytical Method: TPH By SW8015 Mod
 Tech: ARM
 Analyst: ARM
 Seq Number: 3035623

Date Prep: 12.11.17 11.00

Prep Method: TX1005P
 % Moisture:
 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	12.12.17 07.38	U	1
Diesel Range Organics (DRO)	C10C28DRO	155	15.0	mg/kg	12.12.17 07.38		1
Oil Range Hydrocarbons (ORO)	PHCG2835	55.7	15.0	mg/kg	12.12.17 07.38		1
Total TPH	PHC635	211	15.0	mg/kg	12.12.17 07.38		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	12.12.17 07.38	
o-Terphenyl	84-15-1	93	%	70-135	12.12.17 07.38	



Certificate of Analytical Results 570669



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Lost Tank 35 State 007

Sample Id: **Sp-4@6"** Matrix: Soil Date Received: 12.08.17 14.30
 Lab Sample Id: 570669-009 Date Collected: 12.07.17 11.28
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 12.15.17 16.00 Basis: Wet Weight
 Seq Number: 3036149

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	12.16.17 02.40	U	1
Toluene	108-88-3	0.00316	0.00202	mg/kg	12.16.17 02.40		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	12.16.17 02.40	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	12.16.17 02.40	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	12.16.17 02.40	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	12.16.17 02.40	U	1
Total BTEX		0.00316	0.00202	mg/kg	12.16.17 02.40		1
			%				
Surrogate	Cas Number	Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	90	%	80-120	12.16.17 02.40		
1,4-Difluorobenzene	540-36-3	95	%	80-120	12.16.17 02.40		



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

+ NELAC certification not offered for this compound.

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

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Trinity Oilfield Services & Rentals, LLC

Lost Tank 35 State 007

Analytical Method: Chloride by EPA 300

Seq Number: 3035745

MB Sample Id: 7635858-1-BLK

Matrix: Solid

LCS Sample Id: 7635858-1-BKS

Prep Method: E300P

Date Prep: 12.12.17

LCSD Sample Id: 7635858-1-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	232	93	236	94	90-110	2	20	mg/kg	12.12.17 21:44	

Analytical Method: Chloride by EPA 300

Seq Number: 3035884

MB Sample Id: 7635941-1-BLK

Matrix: Solid

LCS Sample Id: 7635941-1-BKS

Prep Method: E300P

Date Prep: 12.13.17

LCSD Sample Id: 7635941-1-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	226	90	232	93	90-110	3	20	mg/kg	12.13.17 16:26	

Analytical Method: Chloride by EPA 300

Seq Number: 3035745

Parent Sample Id: 570801-002

Matrix: Soil

MS Sample Id: 570801-002 S

Prep Method: E300P

Date Prep: 12.12.17

MSD Sample Id: 570801-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	26.7	249	251	90	242	86	90-110	4	20	mg/kg	12.12.17 22:01	X

Analytical Method: Chloride by EPA 300

Seq Number: 3035745

Parent Sample Id: 570802-006

Matrix: Soil

MS Sample Id: 570802-006 S

Prep Method: E300P

Date Prep: 12.12.17

MSD Sample Id: 570802-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	14.2	249	276	105	271	103	90-110	2	20	mg/kg	12.12.17 23:24	

Analytical Method: Chloride by EPA 300

Seq Number: 3035884

Parent Sample Id: 570669-001

Matrix: Soil

MS Sample Id: 570669-001 S

Prep Method: E300P

Date Prep: 12.13.17

MSD Sample Id: 570669-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1010	248	1230	89	1240	93	90-110	1	20	mg/kg	12.13.17 18:07	X

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

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]

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



Trinity Oilfield Services & Rentals, LLC

Lost Tank 35 State 007

Analytical Method: Chloride by EPA 300

Seq Number: 3035884

Parent Sample Id: 570809-001

Matrix: Soil

MS Sample Id: 570809-001 S

Prep Method: E300P

Date Prep: 12.13.17

MSD Sample Id: 570809-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	986	250	1170	74	1180	78	90-110	1	20	mg/kg	12.13.17 16:44	X

Analytical Method: TPH By SW8015 Mod

Seq Number: 3035623

MB Sample Id: 7635801-1-BLK

Matrix: Solid

LCS Sample Id: 7635801-1-BKS

Prep Method: TX1005P

Date Prep: 12.11.17

LCSD Sample Id: 7635801-1-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	955	96	883	88	70-135	8	35	mg/kg	12.12.17 03:33	
Diesel Range Organics (DRO)	<15.0	1000	940	94	888	89	70-135	6	35	mg/kg	12.12.17 03:33	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	93		87		81		70-135	%	12.12.17 03:33
o-Terphenyl	98		93		86		70-135	%	12.12.17 03:33

Analytical Method: TPH By SW8015 Mod

Seq Number: 3035623

Parent Sample Id: 570669-001

Matrix: Soil

MS Sample Id: 570669-001 S

Prep Method: TX1005P

Date Prep: 12.11.17

MSD Sample Id: 570669-001 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	998	903	90	850	85	70-135	6	35	mg/kg	12.12.17 04:36	
Diesel Range Organics (DRO)	80.7	998	951	87	911	83	70-135	4	35	mg/kg	12.12.17 04:36	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	89		84		70-135	%	12.12.17 04:36
o-Terphenyl	90		88		70-135	%	12.12.17 04:36

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

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]

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



Trinity Oilfield Services & Rentals, LLC

Lost Tank 35 State 007

Analytical Method: BTEX by EPA 8021B

Seq Number: 3036005

MB Sample Id: 7636034-1-BLK

Matrix: Solid

LCS Sample Id: 7636034-1-BKS

Prep Method: SW5030B

Date Prep: 12.14.17

LCSD Sample Id: 7636034-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.101	101	0.0921	91	70-130	9	35	mg/kg	12.15.17 06:50	
Toluene	<0.00200	0.100	0.0982	98	0.0883	87	70-130	11	35	mg/kg	12.15.17 06:50	
Ethylbenzene	<0.00200	0.100	0.0988	99	0.0911	90	71-129	8	35	mg/kg	12.15.17 06:50	
m,p-Xylenes	<0.00401	0.200	0.189	95	0.174	86	70-135	8	35	mg/kg	12.15.17 06:50	
o-Xylene	<0.00200	0.100	0.0937	94	0.0878	87	71-133	7	35	mg/kg	12.15.17 06:50	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	90		92		93		80-120	%	12.15.17 06:50
4-Bromofluorobenzene	83		98		97		80-120	%	12.15.17 06:50

Analytical Method: BTEX by EPA 8021B

Seq Number: 3036149

MB Sample Id: 7636092-1-BLK

Matrix: Solid

LCS Sample Id: 7636092-1-BKS

Prep Method: SW5030B

Date Prep: 12.15.17

LCSD Sample Id: 7636092-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0995	100	0.0995	100	70-130	0	35	mg/kg	12.15.17 17:52	
Toluene	<0.00200	0.0998	0.0964	97	0.0942	94	70-130	2	35	mg/kg	12.15.17 17:52	
Ethylbenzene	<0.00200	0.0998	0.0979	98	0.0976	98	71-129	0	35	mg/kg	12.15.17 17:52	
m,p-Xylenes	<0.00399	0.200	0.188	94	0.188	94	70-135	0	35	mg/kg	12.15.17 17:52	
o-Xylene	<0.00200	0.0998	0.0924	93	0.0927	93	71-133	0	35	mg/kg	12.15.17 17:52	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		96		95		80-120	%	12.15.17 17:52
4-Bromofluorobenzene	84		94		94		80-120	%	12.15.17 17:52

Analytical Method: BTEX by EPA 8021B

Seq Number: 3036005

Parent Sample Id: 570438-008

Matrix: Soil

MS Sample Id: 570438-008 S

Prep Method: SW5030B

Date Prep: 12.14.17

MSD Sample Id: 570438-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00202	0.101	0.0763	76	0.100	100	70-130	27	35	mg/kg	12.15.17 07:27	
Toluene	<0.00202	0.101	0.0741	73	0.0929	93	70-130	23	35	mg/kg	12.15.17 07:27	
Ethylbenzene	<0.00202	0.101	0.0782	77	0.0902	90	71-129	14	35	mg/kg	12.15.17 07:27	
m,p-Xylenes	<0.00403	0.202	0.151	75	0.172	86	70-135	13	35	mg/kg	12.15.17 07:27	
o-Xylene	<0.00202	0.101	0.0800	79	0.0861	86	71-133	7	35	mg/kg	12.15.17 07:27	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	89		94		80-120	%	12.15.17 07:27
4-Bromofluorobenzene	94		95		80-120	%	12.15.17 07:27

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

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]

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



Trinity Oilfield Services & Rentals, LLC

Lost Tank 35 State 007

Analytical Method: BTEX by EPA 8021B

Seq Number: 3036149

Parent Sample Id: 571133-019

Matrix: Soil

MS Sample Id: 571133-019 S

Prep Method: SW5030B

Date Prep: 12.15.17

MSD Sample Id: 571133-019 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00201	0.101	0.0862	85	0.0956	96	70-130	10	35	mg/kg	12.15.17 18:29	
Toluene	<0.00201	0.101	0.0856	85	0.0896	90	70-130	5	35	mg/kg	12.15.17 18:29	
Ethylbenzene	<0.00201	0.101	0.0872	86	0.0745	75	71-129	16	35	mg/kg	12.15.17 18:29	
m,p-Xylenes	<0.00402	0.201	0.162	81	0.155	78	70-135	4	35	mg/kg	12.15.17 18:29	
o-Xylene	<0.00201	0.101	0.0826	82	0.0823	82	71-133	0	35	mg/kg	12.15.17 18:29	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	91		117		80-120	%	12.15.17 18:29
4-Bromofluorobenzene	102		90		80-120	%	12.15.17 18:29

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

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]

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



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 12/08/2017 02:30:00 PM

Work Order #: 570669

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
#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)?	No
#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: Shawnee Smith Date: 12/11/2017
 Shawnee Smith

Checklist reviewed by: Holly Taylor Date: 12/12/2017
 Holly Taylor



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 30, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: LOST TANK 35 STATE #7

Enclosed are the results of analyses for samples received by the laboratory on 05/24/23 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-001.0-00.0-S (H232655-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/25/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	190	95.2	200	4.36	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	199	99.4	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-002.0-00.0-S (H232655-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/25/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	190	95.2	200	4.36	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	199	99.4	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-003.0-00.0-S (H232655-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00		
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	190	95.2	200	4.36		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	199	99.4	200	4.39		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-004.0-00.0-S (H232655-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	05/25/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-005.0-00.0-S (H232655-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/25/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-006.0-00.0-S (H232655-06)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	05/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-007.0-00.0-S (H232655-07)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-008.0-00.0-S (H232655-08)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-009.0-00.0-S (H232655-09)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-010.0-00.0-S (H232655-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329	
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39	
Total BTEX	<0.300	0.300	05/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/25/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-011.0-00.0-S (H232655-11)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-012.0-00.0-S (H232655-12)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-013.0-00.0-S (H232655-13)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-014.0-00.0-S (H232655-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329	
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39	
Total BTEX	<0.300	0.300	05/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/25/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-015.0-00.0-S (H232655-15)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-016.0-00.0-S (H232655-16)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-017.0-00.0-S (H232655-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329	
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39	
Total BTEX	<0.300	0.300	05/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-018.0-00.0-S (H232655-18)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-019.0-00.0-S (H232655-19)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329	
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39	
Total BTEX	<0.300	0.300	05/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	05/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-020.0-00.0-S (H232655-20)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-021.0-00.0-S (H232655-21)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329	
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39	
Total BTEX	<0.300	0.300	05/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-022.0-00.0-S (H232655-22)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4240	16.0	05/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/24/2023	Sampling Date:	05/24/2023
Reported:	05/30/2023	Sampling Type:	Soil
Project Name:	LOST TANK 35 STATE #7	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: CF-023.0-00.0-S (H232655-23)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.329		
Toluene*	<0.050	0.050	05/25/2023	ND	2.08	104	2.00	2.03		
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.01	101	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.18	103	6.00	1.39		
Total BTEX	<0.300	0.300	05/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	05/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	228	114	200	5.60		
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	213	106	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Martland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services

BILL TO

ANALYSIS REQUEST

Project Manager: Dan Dunkelberg

P.O. #: OXY USA Inc.

Address: 8426 N Dal Pas.

Company: OXY USA Inc.

City: Hobbs

State: NM Zip: 88241

Attn: Wade Dittich

Phone #:

Fax #:

Address:

Project #:

Project Owner: (see below)

City:

Project Location: Last Tank 35 state #7

Project Name: dan@trinityoilfieldservices.com

State: Zip:

Sampler Name: XT

Phone #:

Fax #:

FOR LAB USE ONLY

H23 2655

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE					
1	CF-001.0-00.0-S	C	1	X											
2	CF-002.0-00.0-S	C	1	X											
3	CF-003.0-00.0-S	C	1	X											
4	CF-004.0-00.0-S	C	1	X											
5	CF-005.0-00.0-S	C	1	X											
6	CF-006.0-00.0-S	C	1	X											
7	CF-007.0-00.0-S	C	1	X											
8	CF-008.0-00.0-S	C													
9	CF-009.0-00.0-S	C													
10	CF-010.0-00.0-S	C													

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Relinquished By: *[Signature]*

Date: *5/24/23* Received By: *[Signature]*

Relinquished By: *[Signature]*

Date: *5/24/23* Received By: *[Signature]*

REMARKS: *customer requested for analysis to be added. shodigruaf 5/24/23*

Verbal Result: Yes No Add'l Phone #:

Delivered By: (Circle One) UPS - Bus - Other:

Observed Temp. °C: *2.9* Corrected Temp. °C: *2.3*

Sample Condition: Cool Intact Yes No

CHECKED BY: *[Signature]* (Initials)

Turnaround Time: Standard Rush

Thermometer ID #113 Correction Factor: -0.5 °C

Bacteria (only) Sample Condition: Cool Intact Yes No

Observed Temp. °C: Corrected Temp. °C:

† Cardinal cannot accept verbal changes. Please email changes to celyj.keene@cardinallabnm.com

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 255576

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 255576
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	Final remediation and reclamation shall take place in accordance with 19.15.29.12 and 19.15.29.13 NMAC once the site is no longer being used for oil and gas operations.	8/23/2023