

# Trinity Oilfield Services & Rentals, LLC

## Environmental Site Summary & Spill Remediation Plan



Company: JR Oil, Ltd. Co. Address: P.O. Box 2975, Hobbs, NM 88241 Telephone #: (575) 390-1380

Site Name: Eaton B AC #1 NMOCD Reference#: 1RP-4591

Surface Owner: Private Mineral Owner: Private

Unit Letter: "G" (SW/NE) Section: 12 Township: 25S Range: 37E County: Lea GPS Coordinates: 32.147477 N -103.115228 W

Depth to Ground Water: 90' Distance to Surface Water Body: ☐ <200' ☐ 200' - 1,000' ☒ >1,000'

Wellhead Protection Area: <1,000' from Water Source or <200' from Domestic Water Source? ☐ Y ☒ N

NMOCD Ranking Score: 0 Soil Remediation Levels (mg/kg): Benzene: 10 BTEX: 50 TPH: ☐ 100 Chloride: ☐ 250  
☒ 1,000 ☒ 500  
☐ 5,000 ☒ 1,000

Date/Time of Release: 1/15/2017, 5:00AM Type of Release: Produced Water & Crude Oil Approximate Volume of Release: See Below

### Background Information:

On January 15, 2017, JR Oil, Ltd. Co. (JR Oil), discovered a release at the Eaton B AC #1 tank battery. Lightning struck the tank battery, which resulted in a fire and the release of approximately 202 barrels (bbls) of crude oil and 43 bbls of produced water. The release impacted an area of the tank battery pad and adjacent pasture measuring approximately 100 yards. The majority of the crude oil was consumed by the fire.

The release was reported to the New Mexico Oil Conservation Division's (NMOCD) Hobbs District Office on January 16, 2017. The NMOCD "Release Notification & Corrective Action" (Form C-141) is provided as Appendix A. General photographs of the release site are provided in Attachment B. A "Site Location Map" is provided as Figure 1.

### Summary of Field Activities:

On February 24, 2017, a series of delineation trenches (SP-1 through SP-6) were advanced at the site to investigate the horizontal and vertical extent of impacted soil. The trenches were advanced to total depths ranging from approximately 1 to 8 feet below ground surface (bgs). Representative soil samples collected from the trenches were submitted to Cardinal Laboratories in Hobbs, New Mexico, for analysis of chloride, total petroleum hydrocarbons (TPH), and/or benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations using Environmental Protection Agency (EPA) Methods 4500 Cl-B, SW 846-8021b, and SW 846-8015M, respectively. Laboratory analytical results indicated additional delineation was required in the areas represented by trenches SP-1, SP-2, and SP-4.

On April 17 and 19, 2017, additional vertical delineation was conducted in the areas represented by trenches SP-1 through SP-6. A mechanical auger was utilized to re-enter the trenches and advance boreholes to depths ranging from 11 feet bgs (SP-1 and SP-3 through SP-6) to 13 feet bgs (SP-2). Additional boreholes (SP-7 through SP-9) were advanced to total depths of approximately 11 feet bgs near the south, southeast, and northeast margins of the release, respectively. Representative soil samples were field-screened with a chloride test kit, and confirmation samples were submitted to the laboratory for analysis of chloride, TPH, and BTEX concentrations. Laboratory analytical results indicated vertical delineation had been achieved in the areas represented by boreholes SP-3 and SP-5 through SP-8.

On June 6, 2017, pursuant to NMOCD request, a borehole (SB-1) was advanced midway between boreholes SP-1 and SP-2 in the primary pooling area of the release. A mechanical auger was utilized to advance the borehole to a total depth of approximately 35 feet bgs. Representative soil samples were field-screened with a chloride test kit, and confirmation samples were submitted to the laboratory for analysis of chloride (using EPA Method 300), TPH, and/or BTEX concentrations. Laboratory analytical results indicated vertical delineation had been achieved in the area represented by boreholes SP-1, SP-2, and SB-1.

Locations of the boreholes are depicted in Figure 2, "Sample Location Map". Laboratory analytical results are summarized in Table 1, and analytical reports are provided in Appendix C. A drilling log for borehole SB-1 is provided in Appendix D.

# Trinity Oilfield Services & Rentals, LLC

## Environmental Site Summary & Spill Remediation Plan



### Proposed Activities:

- Excavation of impacted soil will commence upon NMOCD approval of this Spill Remediation Plan. Heavily saturated, visibly stained soil on the caliche pad and pasture surrounding the Eaton B AC #1 tank battery will be scraped up and stockpiled on-site, pending final disposition.
- The excavation will be advanced horizontally until field test readings and/or visual/olfactory senses suggest contaminants of concern are below the RRALs established for the site by the NMOCD (or to the extent practicable). In affected areas near/adjacent to the tank battery, excavation may be limited by the presence of the on-site storage tanks and associated pipes, appurtenances, and/or electrical lines.
- The excavation will be advanced vertically to maximum depth of 1 foot bgs in the areas represented by boreholes SP-3, SP-6, SP-7, SP-8, and SB-1. The areas represented by boreholes SP-4 and SP-5 will be excavated to a maximum depth of 2 feet bgs. The areas represented by auger holes SP-1, SP-2, and SP-9 will be excavated to a maximum depth of 4 feet bgs. To preserve the structural integrity of the on-site storage tanks, excavation of impacted soil around the tanks may be limited to a depth of approximately 6 inches bgs.
- Soil samples will be collected at approximate 50-foot horizontal intervals from the sidewalls of the excavation and submitted to Cardinal Laboratories for analysis of chloride, TPH, and/or BTEX concentrations using EPA laboratory analytical methods 300, SW 846-8021b, and SW 846-8015M, respectively.
- Excavated soil will be stockpiled on-site on 6-mil plastic, pending transfer to an NMOCD-permitted facility for disposal.
- Prior to backfilling, a 20-mil, impermeable, plastic liner will be installed on the floor of the excavation(s) in the areas represented by boreholes SP-1, SP-2, SP-4, SP-5, SP-9, and SB-1. A cushion of sand will be installed approximately 6 inches both above and below the liner to protect it during installation and backfilling activities. This engineered control will serve to inhibit vertical migration of contaminants remaining in-situ. Following liner installation, the excavation will be backfilled with locally acquired, non-impacted material, compacted, and contoured to fit the surrounding topography.
- Upon completion of the aforementioned corrective actions, a "Remediation Summary" will be submitted to the NMOCD, documenting remediation activities and results of confirmation soil samples.

**APPROVED**

**By Olivia Yu at 8:50 am, Oct 06, 2017**

NMOCD approves of the delineation and proposed remediation for 1RP-4591. See emails for stipulations regarding the remedial activities.

### Proposed Soil Boring/Monitor Well Locations:

N/A	N	N/A	W
	N		W
	N		W
	N		W
	N		W

### Name/Description:

N/A

### Enclosures:

Figure 1: Site Location Map

Figure 2: Sample Location Map

Table 1: Concentrations of Benzene, BTEX, TPH & Chloride in Soil

Appendix A: Release Notification & Corrective Action (Form C-141)

Appendix B: Photographs

Appendix C: Laboratory Analytical Results

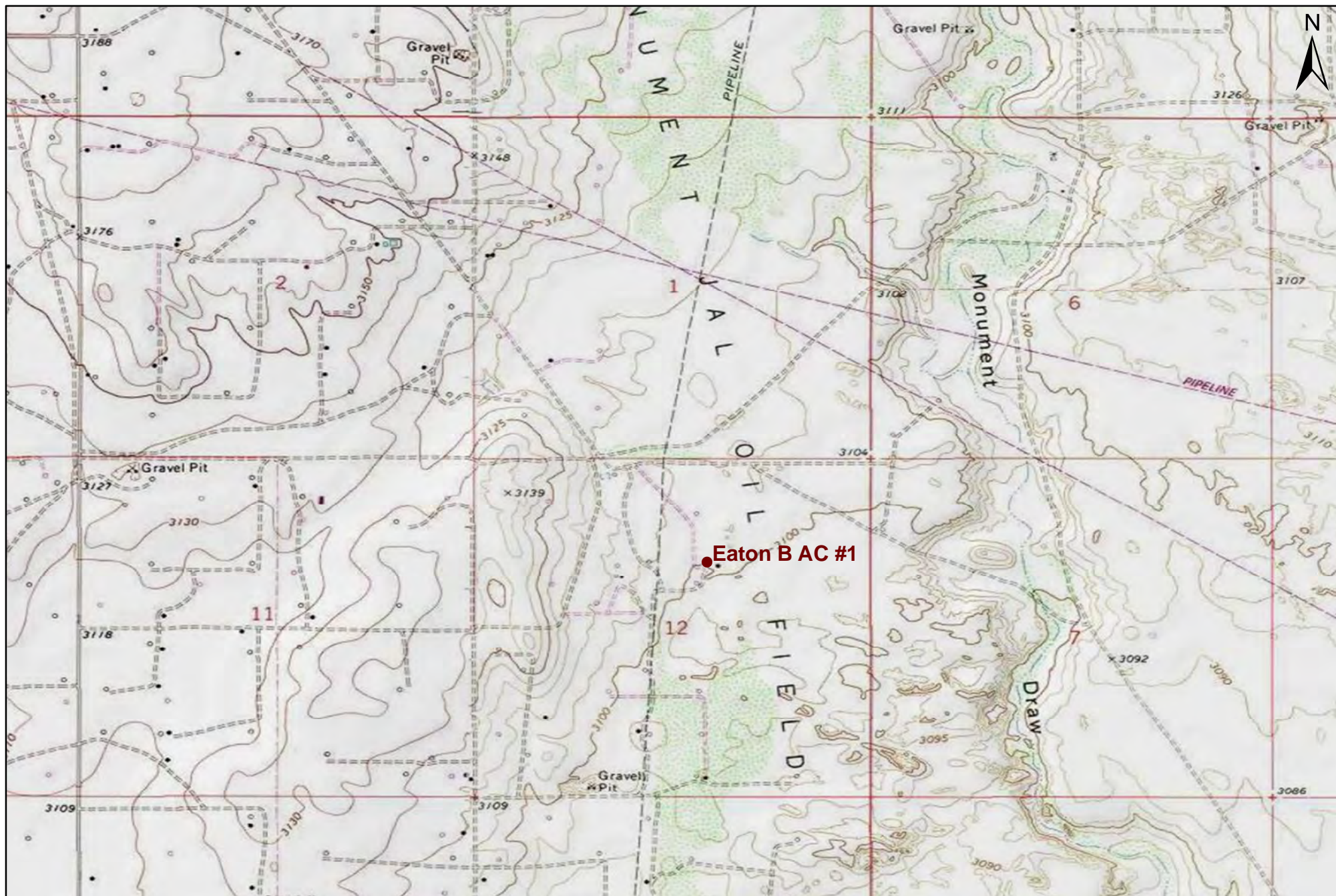
Appendix D: Drilling Log

  
Ben J. Arguijo  
Project Manager

8/25/2017

# Figures





2,000 1,000 0 2,000  
Distance in Feet

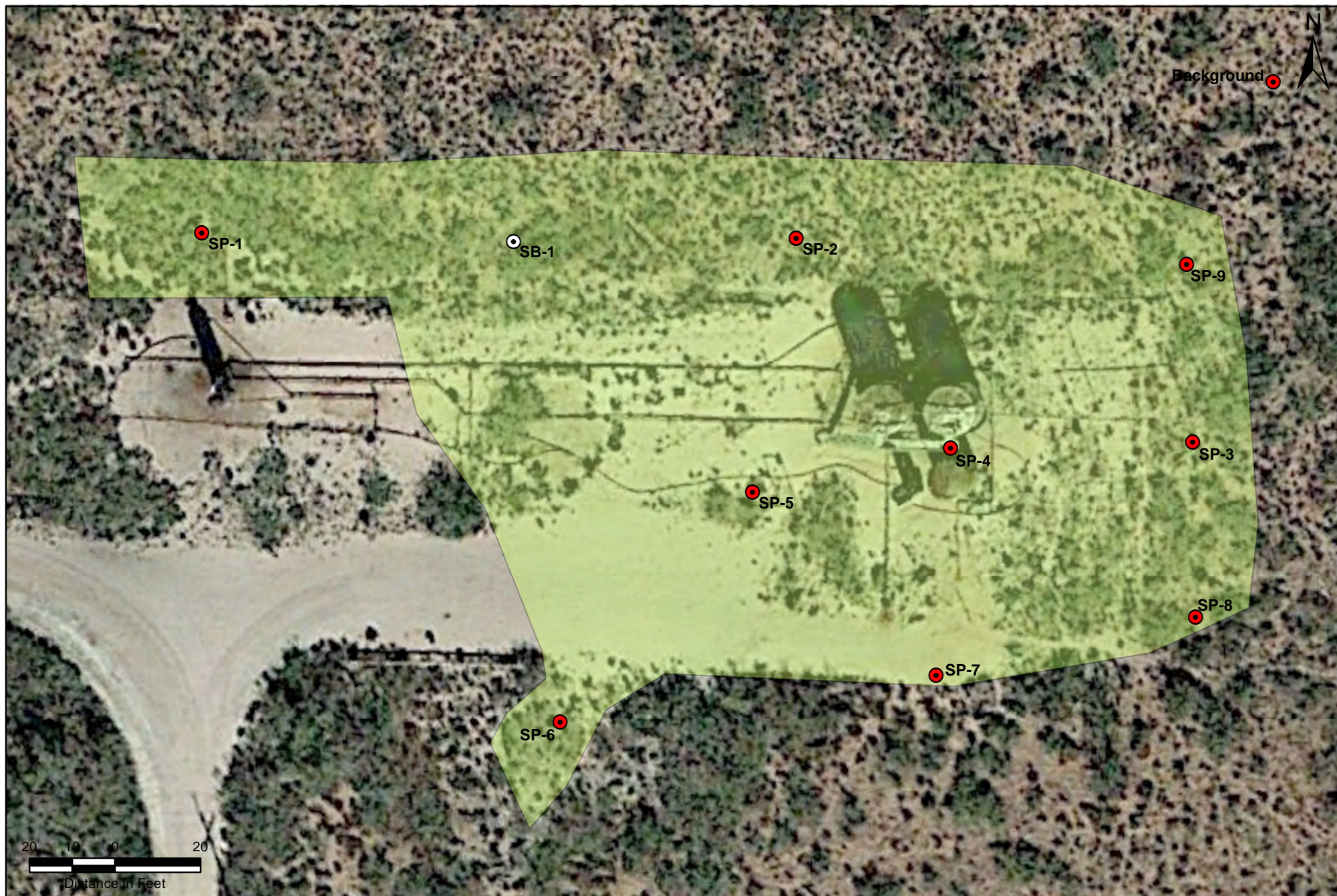
**Figure 1**  
**Site Location Map**  
**JR Oil, Ltd. Co.**  
**Eaton B AC #1**  
**Lea County, New Mexico**  
**NMOCD Reference #: 1RP-4591**



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

Drawn By: BJA	Checked By: CTR
June 19, 2017	Scale: 1" = 2,000'





**Legend**

Impacted Area

Auger Hole  
 Soil Boring

**Figure 2**  
**Sample Location Map**  
**JR Oil, Ltd. Co.**  
**Eaton B AC #1**  
**Lea County, New Mexico**  
**NMOCD Reference #: 1RP-4591**



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

Drawn By: BJA

Checked By: CTR

July 19, 2017

Scale: 1" = 30'

# Tables



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

JR OIL, LTD CO.  
EATON B AC #1  
LEA COUNTY, NEW MEXICO  
NMOCD REF. #: 1RP-4591



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M				Method 300 & 4500Cl-B
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>12</sub> (mg/Kg)	DRO C <sub>12</sub> -C <sub>28</sub> (mg/Kg)	EXT DRO C <sub>28</sub> -C <sub>35</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>35</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended Remediation Action Levels (RRALs)				10	NE	NE	NE	50	NE	NE	NE	1,000	500
SP1-0	Surface	2/24/2017	In-Situ	10.5	95.8	77.7	181	365	3,630	29,500	14,200	47,330	848
SP1-1	1'	2/24/2017	In-Situ	<0.050	0.167	0.237	1.11	1.52	11.7	98.0	56.5	166	-
SP1-3	3'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.6	<10.0	19.6	-
SP1-4	4'	2/24/2017	In-Situ	<0.050	0.282	0.736	2.36	3.38	27.5	377	133	538	-
SP1-11	11'	4/19/2017	In-Situ	<0.050	0.105	0.075	0.293	0.473	<10.0	236	77.9	314	848
SP2-0	Surface	2/24/2017	In-Situ	<0.050	0.244	0.112	0.255	0.611	<50.0	2,470	1100	3,570	1,090
SP2-1	1'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
SP2-3	3'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
SP2-4	4'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
SP2-6	6'	4/19/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,260
SP2-10	10'	4/19/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,040
SP2-13	13'	4/19/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	800
SP3-0	Surface	2/24/2017	In-Situ	<0.050	0.096	<0.050	<0.150	0.096	<10.0	311	178	489	80.0
SP3-1	1'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	12.0	12.0	-
SP3-2	2'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.1	18.5	36.6	-
SP3-11	11'	4/19/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
SP4-0	Surface	2/24/2017	In-Situ	30.3	262	220	549	1,060	9,750	37,500	7,150	54,400	3,840
SP4-1	1'	2/24/2017	In-Situ	<0.050	0.078	0.056	0.24	0.374	<10.0	<10.0	<10.0	<10.0	-
SP4-3	3'	2/24/2017	In-Situ	<0.050	0.123	0.291	0.966	1.38	<10.0	102	56.9	159	-
SP4-5	5'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
SP4-8	8'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	100	49.7	150	-
SP4-11	11'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,200
SP5-0	Surface	2/24/2017	In-Situ	0.082	0.986	0.690	1.72	3.48	<100	23,900	17,900	41,800	1,380
SP5-1	1'	2/24/2017	In-Situ	<0.050	0.080	0.563	2.01	2.65	94.1	1,200	903	2,197	-
SP5-3	3'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	99.9	93.5	193	-
SP5-11	11'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
SP6-0	Surface	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	174	43.2	217	4,320
SP6-1	1'	2/24/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
SP6-11	11'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
SP7-0	Surface	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	261	258	519	64.0
SP7-1	1'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP7-3	3'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
SP7-4	4'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
SP7-5	5'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SP7-11	11'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0

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

JR OIL, LTD CO.  
EATON B AC #1  
LEA COUNTY, NEW MEXICO  
NMOCD REF. #: 1RP-4591



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M				Method 300 & 4500Cl-B
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>12</sub> (mg/Kg)	DRO C <sub>12</sub> -C <sub>28</sub> (mg/Kg)	EXT DRO C <sub>28</sub> -C <sub>35</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>35</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended Remediation Action Levels (RRALs)				10	NE	NE	NE	50	NE	NE	NE	1,000	500
SP8-0	Surface	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<50.0	1,110	<50.0	1,110	16.0
SP8-1	1'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SP8-3	3'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SP8-4	4'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
SP8-11	11'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
SP9-0	Surface	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<50.0	96.6	<50.0	96.6	16.0
SP9-1	1'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SP9-3	3'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	576
SP9-4	4'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	912
SP9-11	11'	4/17/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	768
SB-1 @ 5'	5'	6/16/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	624
SB-1 @ 10'	10'	6/16/2017	In-Situ	-	-	-	-	-	-	-	-	-	1,420
SB-1 @ 15'	15'	6/16/2017	In-Situ	-	-	-	-	-	-	-	-	-	919
SB-1 @ 25'	25'	6/16/2017	In-Situ	-	-	-	-	-	-	-	-	-	403
SB-1 @ 30'	30'	6/16/2017	In-Situ	-	-	-	-	-	-	-	-	-	145
SB-1 @ 35'	35'	6/16/2017	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	191
Background @ 5'	5'	6/16/2017	In-Situ	-	-	-	-	-	-	-	-	-	157
Background @ 10'	10'	6/16/2017	In-Situ	-	-	-	-	-	-	-	-	-	99.8

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



# **Appendices**

**Appendix A**

**Release Notification &**

**Corrective Action (Form C-141)**

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised August 8, 2011

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.

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company	J R Oil Co. Ltd. Co.	Contact	Joe Tippy
Address	P.O. Box 2975, Hobbs, NM 88241	Telephone No.	575-390-1380
Facility Name	Eaton B AC #1	Facility Type	Tank Battery
Surface Owner	Blocker Ranch	Mineral Owner	Various private owners
		API No.	30-025-11549

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	12	25S	37E	1980	North	2310	East	Lea

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release	Oil and Water Spill	Volume of Release	202 BO / 43 BW	Volume Recovered	Zero
Source of Release	Tank	Date and Hour of Occurrence	1/15/17 5:00 a.m.	Date and Hour of Discovery	1/15/17 11:00 a.m.
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mark Whitaker		
By Whom?	Joe Tippy	Date and Hour	1/16/17 11:00 a.m.		
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.\*

**RECEIVED**

**By Olivia Yu at 8:55 am, Feb 09, 2017**

Describe Cause of Problem and Remedial Action Taken.\*

Lightning struck the tank battery which resulted in a fire. Fire destroyed the tank battery. The fire department put out any remaining fire.

Describe Area Affected and Cleanup Action Taken.\*

The oil was burned up in the fire; the oil tank was blown into the pasture. The fire resulted in a burned area of approximately 100 yards. Clean up is ongoing. Any contaminated soil will be removed and hauled to Sundance's facility. Once the cleanup is complete, a final report will be submitted with the details.

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>Debbie McKelvey</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Debbie McKelvey		Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Agent		Approval Date: <b>2/9/2017</b>	Expiration Date:
E-mail Address: debmckelvey@earthlink.net		Conditions of Approval: <b>see attached directive</b>	Attached <input checked="" type="checkbox"/>
Date: <i>1/17/17</i>	Phone: <i>575-392-3575</i>		

1RP-4591

nOY1704032211

pOY1704032535



# **Appendix B**

## **Photographs**



Eaton B AC #1 – Release Site



Eaton B AC #1 – Release Site



Eaton B AC #1 - Release Site



# **Appendix C**

## **Laboratory Analytical Reports**



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

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March 07, 2017

TODD ROBERSON

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: EATON B AC#1

Enclosed are the results of analyses for samples received by the laboratory on 02/28/17 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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](http://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". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP1 - 0 (H700500-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>10.5</b>	2.00	03/02/2017	ND	2.02	101	2.00	2.73	QM-07
<b>Toluene*</b>	<b>95.8</b>	2.00	03/02/2017	ND	1.90	94.8	2.00	2.45	QM-07
<b>Ethylbenzene*</b>	<b>77.7</b>	2.00	03/02/2017	ND	1.89	94.3	2.00	2.33	QM-07
<b>Total Xylenes*</b>	<b>181</b>	6.00	03/02/2017	ND	5.39	89.8	6.00	2.32	QM-07
<b>Total BTX</b>	<b>365</b>	12.0	03/02/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>848</b>	16.0	03/01/2017	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>3630</b>	100	03/01/2017	ND	190	94.9	200	4.23		
<b>DRO &gt;C10-C28</b>	<b>29500</b>	100	03/01/2017	ND	189	94.6	200	5.96		

Surrogate: 1-Chlorooctane 193 % 25.1-158

Surrogate: 1-Chlorooctadecane 298 % 26.8-170

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP1 - 1 (H700500-02)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2017	ND	2.02	101	2.00	2.73	
Toluene*	0.167	0.050	03/02/2017	ND	1.90	94.8	2.00	2.45	
Ethylbenzene*	0.237	0.050	03/02/2017	ND	1.89	94.3	2.00	2.33	
Total Xylenes*	1.11	0.150	03/02/2017	ND	5.39	89.8	6.00	2.32	
Total BTX	1.52	0.300	03/02/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	11.7	10.0	03/01/2017	ND	190	94.9	200	4.23	
DRO >C10-C28	98.0	10.0	03/01/2017	ND	189	94.6	200	5.96	

Surrogate: 1-Chlorooctane 89.0 % 25.1-158

Surrogate: 1-Chlorooctadecane 91.5 % 26.8-170

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TODD ROBERSON  
P. O. BOX 2587  
HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP1 - 3 (H700500-03)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2017	ND	2.02	101	2.00	2.73	
Toluene*	<0.050	0.050	03/02/2017	ND	1.90	94.8	2.00	2.45	
Ethylbenzene*	<0.050	0.050	03/02/2017	ND	1.89	94.3	2.00	2.33	
Total Xylenes*	<0.150	0.150	03/02/2017	ND	5.39	89.8	6.00	2.32	
Total BTEX	<0.300	0.300	03/02/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 72-148

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	03/01/2017	ND	190	94.9	200	4.23	
DRO >C10-C28	19.6	10.0	03/01/2017	ND	189	94.6	200	5.96	

Surrogate: 1-Chlorooctane 74.7 % 25.1-158

Surrogate: 1-Chlorooctadecane 76.0 % 26.8-170

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TODD ROBERSON  
P. O. BOX 2587  
HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP1 - 4 (H700500-04)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2017	ND	2.02	101	2.00	2.73	
Toluene*	0.282	0.050	03/02/2017	ND	1.90	94.8	2.00	2.45	
Ethylbenzene*	0.736	0.050	03/02/2017	ND	1.89	94.3	2.00	2.33	
Total Xylenes*	2.36	0.150	03/02/2017	ND	5.39	89.8	6.00	2.32	
Total BTEX	3.38	0.300	03/02/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	27.5	10.0	03/01/2017	ND	190	94.9	200	4.23	
DRO >C10-C28	377	10.0	03/01/2017	ND	189	94.6	200	5.96	

Surrogate: 1-Chlorooctane 87.5 % 25.1-158

Surrogate: 1-Chlorooctadecane 81.5 % 26.8-170

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TODD ROBERSON  
P. O. BOX 2587  
HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP2 - 0 (H700500-05)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2017	ND	2.02	101	2.00	2.73	
Toluene*	0.244	0.050	03/02/2017	ND	1.90	94.8	2.00	2.45	
Ethylbenzene*	0.112	0.050	03/02/2017	ND	1.89	94.3	2.00	2.33	
Total Xylenes*	0.255	0.150	03/02/2017	ND	5.39	89.8	6.00	2.32	
Total BTEX	0.611	0.300	03/02/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	03/01/2017	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	03/01/2017	ND	190	94.9	200	4.23	
DRO >C10-C28	2470	50.0	03/01/2017	ND	189	94.6	200	5.96	

Surrogate: 1-Chlorooctane 79.5 % 25.1-158

Surrogate: 1-Chlorooctadecane 116 % 26.8-170

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TODD ROBERSON  
P. O. BOX 2587  
HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP2 - 1 (H700500-06)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/02/2017	ND	2.02	101	2.00	2.73		
Toluene*	<0.050	0.050	03/02/2017	ND	1.90	94.8	2.00	2.45		
Ethylbenzene*	<0.050	0.050	03/02/2017	ND	1.89	94.3	2.00	2.33		
Total Xylenes*	<0.150	0.150	03/02/2017	ND	5.39	89.8	6.00	2.32		
Total BTEX	<0.300	0.300	03/02/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 72-148

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	03/01/2017	ND	190	94.9	200	4.23		
DRO >C10-C28	<10.0	10.0	03/01/2017	ND	189	94.6	200	5.96		

Surrogate: 1-Chlorooctane 82.6 % 25.1-158

Surrogate: 1-Chlorooctadecane 86.0 % 26.8-170

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TODD ROBERSON  
P. O. BOX 2587  
HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP2 - 3 (H700500-07)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/02/2017	ND	2.02	101	2.00	2.73	
Toluene*	<0.050	0.050	03/02/2017	ND	1.90	94.8	2.00	2.45	
Ethylbenzene*	<0.050	0.050	03/02/2017	ND	1.89	94.3	2.00	2.33	
Total Xylenes*	<0.150	0.150	03/02/2017	ND	5.39	89.8	6.00	2.32	
Total BTEX	<0.300	0.300	03/02/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 72-148

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	03/01/2017	ND	190	94.9	200	4.23	
DRO >C10-C28	<10.0	10.0	03/01/2017	ND	189	94.6	200	5.96	

Surrogate: 1-Chlorooctane 86.8 % 25.1-158

Surrogate: 1-Chlorooctadecane 89.1 % 26.8-170

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**Analytical Results For:**

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

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP2 - 4 (H700500-08)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44		
Toluene*	<0.050	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78		
Total BTEX	<0.300	0.300	03/03/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 72-148

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	03/01/2017	ND	190	94.9	200	4.23	
DRO >C10-C28	<10.0	10.0	03/01/2017	ND	189	94.6	200	5.96	

Surrogate: 1-Chlorooctane 76.7 % 25.1-158

Surrogate: 1-Chlorooctadecane 80.0 % 26.8-170

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TODD ROBERSON  
P. O. BOX 2587  
HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP3 - 0 (H700500-09)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44	
Toluene*	0.096	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18	
Ethylbenzene*	<0.050	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55	
Total Xylenes*	<0.150	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78	
Total BTX	<0.300	0.300	03/03/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 72-148

Chloride, SM4500CI-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	03/01/2017	ND	416	104	400	7.41	

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	03/01/2017	ND	190	94.9	200	4.23	
DRO >C10-C28	311	10.0	03/01/2017	ND	189	94.6	200	5.96	

Surrogate: 1-Chlorooctane 91.8 % 25.1-158

Surrogate: 1-Chlorooctadecane 92.6 % 26.8-170

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**Analytical Results For:**

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 TODD ROBERSON  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

 Received: 02/28/2017  
 Reported: 03/07/2017  
 Project Name: EATON B AC#1  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 02/24/2017  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP3 - 1 (H700500-10)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44		
Toluene*	<0.050	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78		
Total BTEX	<0.300	0.300	03/03/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 72-148

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	03/01/2017	ND	190	94.9	200	4.23	
DRO >C10-C28	<10.0	10.0	03/01/2017	ND	189	94.6	200	5.96	

Surrogate: 1-Chlorooctane 88.9 % 25.1-158

Surrogate: 1-Chlorooctadecane 91.6 % 26.8-170

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP3 - 2 (H700500-11)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44		
Toluene*	<0.050	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78		
Total BTEX	<0.300	0.300	03/03/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 72-148

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	03/01/2017	ND	190	94.9	200	4.23		
<b>DRO &gt;C10-C28</b>	<b>18.1</b>	10.0	03/01/2017	ND	189	94.6	200	5.96		

Surrogate: 1-Chlorooctane 79.5 % 25.1-158

Surrogate: 1-Chlorooctadecane 80.3 % 26.8-170

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TODD ROBERSON  
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Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP4 - 0 (H700500-12)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	30.3	10.0	03/03/2017	ND	2.01	101	2.00	1.44	
Toluene*	262	10.0	03/03/2017	ND	1.88	93.8	2.00	1.18	
Ethylbenzene*	220	10.0	03/03/2017	ND	1.85	92.5	2.00	1.55	
Total Xylenes*	549	30.0	03/03/2017	ND	5.27	87.9	6.00	1.78	
Total BTEX	1060	60.0	03/03/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	03/01/2017	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	9750	50.0	03/02/2017	ND	190	94.9	200	4.23		
DRO >C10-C28	37500	50.0	03/02/2017	ND	189	94.6	200	5.96		

Surrogate: 1-Chlorooctane 354 % 25.1-158

Surrogate: 1-Chlorooctadecane 295 % 26.8-170

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TODD ROBERSON  
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HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP4 - 1 (H700500-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44	
Toluene*	0.078	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18	
Ethylbenzene*	0.056	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55	
Total Xylenes*	0.240	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78	
Total BTEX	0.374	0.300	03/03/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 72-148

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	03/06/2017	ND	187	93.6	200	0.888	
DRO >C10-C28	<10.0	10.0	03/06/2017	ND	187	93.6	200	1.64	

Surrogate: 1-Chlorooctane 107 % 25.1-158

Surrogate: 1-Chlorooctadecane 101 % 26.8-170

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HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP4 - 3 (H700500-14)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44		
Toluene*	0.123	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18		
Ethylbenzene*	0.291	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55		
Total Xylenes*	0.966	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78		
Total BTEX	1.38	0.300	03/03/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 72-148

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	03/06/2017	ND	187	93.6	200	0.888	
DRO >C10-C28	102	10.0	03/06/2017	ND	187	93.6	200	1.64	

Surrogate: 1-Chlorooctane 93.6 % 25.1-158

Surrogate: 1-Chlorooctadecane 85.8 % 26.8-170

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HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP4 - 5 (H700500-15)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44		
Toluene*	<0.050	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78		
Total BTEX	<0.300	0.300	03/03/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 72-148

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	03/06/2017	ND	187	93.6	200	0.888	
DRO >C10-C28	<10.0	10.0	03/06/2017	ND	187	93.6	200	1.64	

Surrogate: 1-Chlorooctane 105 % 25.1-158

Surrogate: 1-Chlorooctadecane 100 % 26.8-170

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TODD ROBERSON  
P. O. BOX 2587  
HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP4 - 8 (H700500-16)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44		
Toluene*	<0.050	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78		
Total BTEX	<0.300	0.300	03/03/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 72-148

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	03/06/2017	ND	187	93.6	200	0.888	
DRO >C10-C28	100	10.0	03/06/2017	ND	187	93.6	200	1.64	

Surrogate: 1-Chlorooctane 97.0 % 25.1-158

Surrogate: 1-Chlorooctadecane 91.1 % 26.8-170

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HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP5 - 0 (H700500-17)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.082</b>	0.050	03/03/2017	ND	2.01	101	2.00	1.44	
<b>Toluene*</b>	<b>0.986</b>	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18	
<b>Ethylbenzene*</b>	<b>0.690</b>	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55	
<b>Total Xylenes*</b>	<b>1.72</b>	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78	
<b>Total BTX</b>	<b>3.48</b>	0.300	03/03/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1380</b>	16.0	03/01/2017	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	03/06/2017	ND	187	93.6	200	0.888		
<b>DRO &gt;C10-C28</b>	<b>23900</b>	100	03/06/2017	ND	187	93.6	200	1.64		

Surrogate: 1-Chlorooctane 107 % 25.1-158

Surrogate: 1-Chlorooctadecane 298 % 26.8-170

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TODD ROBERSON  
P. O. BOX 2587  
HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP5 - 1 (H700500-18)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44	
Toluene*	0.080	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18	
Ethylbenzene*	0.563	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55	
Total Xylenes*	2.01	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78	
Total BTEX	2.65	0.300	03/03/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	94.1	50.0	03/06/2017	ND	187	93.6	200	0.888	
DRO >C10-C28	1200	50.0	03/06/2017	ND	187	93.6	200	1.64	

Surrogate: 1-Chlorooctane 99.9 % 25.1-158

Surrogate: 1-Chlorooctadecane 97.5 % 26.8-170

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Received: 02/28/2017  
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Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP5 - 3 (H700500-19)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44		
Toluene*	<0.050	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78		
Total BTEX	<0.300	0.300	03/03/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 72-148

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	03/06/2017	ND	187	93.6	200	0.888	
DRO >C10-C28	99.9	10.0	03/06/2017	ND	187	93.6	200	1.64	

Surrogate: 1-Chlorooctane 91.7 % 25.1-158

Surrogate: 1-Chlorooctadecane 93.7 % 26.8-170

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HOBBS NM, 88241  
Fax To: NONE

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP6 - 0 (H700500-20)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44	
Toluene*	<0.050	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18	
Ethylbenzene*	<0.050	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55	
Total Xylenes*	<0.150	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78	
Total BTEx	<0.300	0.300	03/03/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	03/01/2017	ND	448	112	400	0.00	

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	03/02/2017	ND	201	100	200	1.05	
DRO >C10-C28	174	10.0	03/02/2017	ND	209	104	200	2.28	

Surrogate: 1-Chlorooctane 96.2 % 25.1-158

Surrogate: 1-Chlorooctadecane 92.4 % 26.8-170

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 02/28/2017  
Reported: 03/07/2017  
Project Name: EATON B AC#1  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 02/24/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP6 - 1 (H700500-21)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2017	ND	2.01	101	2.00	1.44		
Toluene*	<0.050	0.050	03/03/2017	ND	1.88	93.8	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/03/2017	ND	1.85	92.5	2.00	1.55		
Total Xylenes*	<0.150	0.150	03/03/2017	ND	5.27	87.9	6.00	1.78		
Total BTEX	<0.300	0.300	03/03/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 72-148

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	03/02/2017	ND	201	100	200	1.05	
DRO >C10-C28	<10.0	10.0	03/02/2017	ND	209	104	200	2.28	

Surrogate: 1-Chlorooctane 81.6 % 25.1-158

Surrogate: 1-Chlorooctadecane 84.6 % 26.8-170

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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, Lab Director/Quality Manager



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		JR Oil		BILL TO		ANALYSIS REQUEST																		
Project Manager:		Todd Roberson		P.O. #:																				
Address:				Company:		Trinity Oilfield																		
City:		State:		Zip:		Attn:																		
Phone #:		Fax #:		Address:		City:																		
Project #:		Project Owner:		State:		Zip:																		
Project Name:				Phone #:																				
Project Location:		Eaton B AC#1		Fax #:																				
Sampler Name:		Todd Roberson																						
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	Btex	Chlorides							
H700500	SP1-0	G	1			X							2/24/17	11:15	X	X	X							
1	SP1-1	G	1			X							2/24/17	11:17	X	X								
2	SP1-3	G	1			X							2/24/17	11:27	X	X								
3	SP1-4	G	1			X							2/24/17	11:29	X	X								
5	SP2-0	G	1			X							2/24/17	11:32	X	X	X							
6	SP2-1	G	1			X							2/24/17	11:36	X	X								
7	SP2-3	G	1			X							2/24/17	11:25	X	X								
8	SP2-4	G	1			X							2/24/17	11:45	X	X								
9	SP3-0	G	1			X							2/24/17	11:50	X	X	X							
10	SP3-1	G	1			X							2/24/17	11:58	X	X								

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Relinquished By:	Date: 2-28	Received By: Jodi Henson	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 9:05		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY: Initials		
Sampler - UPS - Bus - Other: #75-12.5	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

FORM 886 R 2-0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476











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

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April 25, 2017

TODD ROBERSON

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: EATON BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/19/17 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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](http://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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 5 - 11 (H701035-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84	
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46	
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52	
Total BTX	<0.300	0.300	04/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/24/2017	ND	400	100	400	3.92		

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	04/20/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/20/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 85.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 85.7 % 34.7-157

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 6 -11 (H701035-02)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84	
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46	
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52	
Total BTX	<0.300	0.300	04/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 78.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 78.4 % 34.7-157

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 9 - 0 (H701035-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84		
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52		
Total BTEX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/24/2017	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	96.6	50.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 89.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 102 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 9 -1 (H701035-04)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84		
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52		
Total BTX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 72-148

Chloride, SM4500CI-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	04/24/2017	ND	400	100	400	3.92		

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 88.4 % 28.3-164

Surrogate: 1-Chlorooctadecane 89.4 % 34.7-157

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 9 -3 (H701035-05)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84		
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52		
Total BTX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 79.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 80.8 % 34.7-157

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 9 -4 (H701035-06)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84		
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52		
Total BTX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 77.6 % 28.3-164

Surrogate: 1-Chlorooctadecane 75.1 % 34.7-157

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 9 -11 (H701035-07)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84	
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46	
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52	
Total BTX	<0.300	0.300	04/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 80.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 80.8 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 8 - 0 (H701035-08)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84		
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52		
Total BTEX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/24/2017	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	1110	50.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 80.5 % 28.3-164

Surrogate: 1-Chlorooctadecane 155 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager



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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 8 -1 (H701035-09)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84		
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52		
Total BTX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 72-148

Chloride, SM4500CI-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	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 81.6 % 28.3-164

Surrogate: 1-Chlorooctadecane 81.0 % 34.7-157

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 TODD ROBERSON  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

 Received: 04/19/2017  
 Reported: 04/25/2017  
 Project Name: EATON BATTERY  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 04/17/2017  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 8 - 3 (H701035-10)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84		
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52		
Total BTEX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 72-148

Chloride, SM4500CI-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	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 72.8 % 28.3-164

Surrogate: 1-Chlorooctadecane 73.7 % 34.7-157

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TODD ROBERSON  
P. O. BOX 2587  
HOBBS NM, 88241  
Fax To: NONE

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 8 - 4 (H701035-11)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.86	93.0	2.00	2.84		
Toluene*	<0.050	0.050	04/22/2017	ND	1.77	88.6	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.78	88.9	2.00	3.46		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.09	84.8	6.00	3.52		
Total BTEX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 72-148

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	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 74.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 73.6 % 34.7-157

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**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 8 -11 (H701035-12)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.94	96.8	2.00	0.897		
Toluene*	<0.050	0.050	04/22/2017	ND	1.85	92.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.87	93.3	2.00	0.506		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.32	88.7	6.00	0.459		
Total BTX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 81.6 % 28.3-164

Surrogate: 1-Chlorooctadecane 83.4 % 34.7-157

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**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 7 - 4 (H701035-13)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2017	ND	1.94	96.8	2.00	0.897	
Toluene*	<0.050	0.050	04/22/2017	ND	1.85	92.7	2.00	1.13	
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.87	93.3	2.00	0.506	
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.32	88.7	6.00	0.459	
Total BTX	<0.300	0.300	04/22/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 81.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 82.1 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 7 -11 (H701035-14)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.94	96.8	2.00	0.897		
Toluene*	<0.050	0.050	04/22/2017	ND	1.85	92.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.87	93.3	2.00	0.506		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.32	88.7	6.00	0.459		
Total BTX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/24/2017	ND	400	100	400	3.92	

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 83.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 82.5 % 34.7-157

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**Analytical Results For:**

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

Received: 04/19/2017  
Reported: 04/25/2017  
Project Name: EATON BATTERY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/17/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SP 4 -11 (H701035-15)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2017	ND	1.94	96.8	2.00	0.897		
Toluene*	<0.050	0.050	04/22/2017	ND	1.85	92.7	2.00	1.13		
Ethylbenzene*	<0.050	0.050	04/22/2017	ND	1.87	93.3	2.00	0.506		
Total Xylenes*	<0.150	0.150	04/22/2017	ND	5.32	88.7	6.00	0.459		
Total BTX	<0.300	0.300	04/22/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	04/24/2017	ND	448	112	400	0.00		

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	04/21/2017	ND	188	93.9	200	1.40	
DRO >C10-C28	<10.0	10.0	04/21/2017	ND	195	97.4	200	0.145	

Surrogate: 1-Chlorooctane 88.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 91.9 % 34.7-157

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

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, Lab Director/Quality Manager



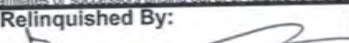

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

[illegible]

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Relinquished By: 		Date: 4/19/17	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date: 4-19-17	Received By: 	REMARKS:	
		Time: 4:00			
Delivered By: (Circle One)		Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:		Cool Intact	(Initials)		
-4.0°C		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	TC #75		
		<input type="checkbox"/> Yes <input type="checkbox"/> No			





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Laboratories



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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

[illegible]

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Relinquished By:		Date: 4/19/17	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date: 4-19-17	Received By:	REMARKS:	
		Time: 4:00			
Delivered By: (Circle One)		Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:		Cool Intact	(Initials)		
- 4.0°C		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	T.O. # TX		

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

May 02, 2017

TODD ROBERSON

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: EATON

Enclosed are the results of analyses for samples received by the laboratory on 04/25/17 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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](http://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,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/25/2017  
Reported: 05/02/2017  
Project Name: EATON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP 1 (H701101-01)**

BTX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2017	ND	1.87	93.4	2.00	0.114	
Toluene*	0.105	0.050	04/29/2017	ND	1.93	96.5	2.00	0.819	
Ethylbenzene*	0.075	0.050	04/29/2017	ND	1.94	97.1	2.00	0.802	
Total Xylenes*	0.293	0.150	04/29/2017	ND	5.79	96.5	6.00	0.883	
Total BTX	0.473	0.300	04/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	04/27/2017	ND	400	100	400	7.69	

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	04/27/2017	ND	192	95.9	200	7.61	
DRO >C10-C28	236	10.0	04/27/2017	ND	207	103	200	11.0	

Surrogate: 1-Chlorooctane 87.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 102 % 34.7-157

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 04/25/2017  
Reported: 05/02/2017  
Project Name: EATON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP 2-6 (H701101-02)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2017	ND	1.85	92.4	2.00	0.569	
Toluene*	<0.050	0.050	04/28/2017	ND	1.92	96.2	2.00	0.564	
Ethylbenzene*	<0.050	0.050	04/28/2017	ND	1.95	97.6	2.00	0.223	
Total Xylenes*	<0.150	0.150	04/28/2017	ND	5.80	96.7	6.00	0.409	
Total BTEx	<0.300	0.300	04/28/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	04/28/2017	ND	400	100	400	7.69	

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	04/27/2017	ND	192	95.9	200	7.61	
DRO >C10-C28	<10.0	10.0	04/27/2017	ND	207	103	200	11.0	

Surrogate: 1-Chlorooctane 81.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 94.6 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/25/2017  
Reported: 05/02/2017  
Project Name: EATON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP 2-10 (H701101-03)**

BTX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2017	ND	1.87	93.4	2.00	0.114	
Toluene*	<0.050	0.050	04/29/2017	ND	1.93	96.5	2.00	0.819	
Ethylbenzene*	<0.050	0.050	04/29/2017	ND	1.94	97.1	2.00	0.802	
Total Xylenes*	<0.150	0.150	04/29/2017	ND	5.79	96.5	6.00	0.883	
Total BTX	<0.300	0.300	04/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	04/28/2017	ND	400	100	400	7.69	

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	04/27/2017	ND	192	95.9	200	7.61	
DRO >C10-C28	<10.0	10.0	04/27/2017	ND	207	103	200	11.0	

Surrogate: 1-Chlorooctane 76.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 83.6 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/25/2017  
Reported: 05/02/2017  
Project Name: EATON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP 2-13 (H701101-04)**

BTX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2017	ND	1.87	93.4	2.00	0.114	
Toluene*	<0.050	0.050	04/29/2017	ND	1.93	96.5	2.00	0.819	
Ethylbenzene*	<0.050	0.050	04/29/2017	ND	1.94	97.1	2.00	0.802	
Total Xylenes*	<0.150	0.150	04/29/2017	ND	5.79	96.5	6.00	0.883	
Total BTX	<0.300	0.300	04/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	04/28/2017	ND	400	100	400	7.69	

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	04/27/2017	ND	192	95.9	200	7.61	
DRO >C10-C28	<10.0	10.0	04/27/2017	ND	207	103	200	11.0	

Surrogate: 1-Chlorooctane 78.4 % 28.3-164

Surrogate: 1-Chlorooctadecane 93.1 % 34.7-157

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**Analytical Results For:**

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

Received: 04/25/2017  
Reported: 05/02/2017  
Project Name: EATON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP 3-11 (H701101-05)**

BTX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2017	ND	1.87	93.4	2.00	0.114	
Toluene*	<0.050	0.050	04/29/2017	ND	1.93	96.5	2.00	0.819	
Ethylbenzene*	<0.050	0.050	04/29/2017	ND	1.94	97.1	2.00	0.802	
Total Xylenes*	<0.150	0.150	04/29/2017	ND	5.79	96.5	6.00	0.883	
Total BTX	<0.300	0.300	04/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 72-148

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	04/28/2017	ND	400	100	400	7.69	

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	04/27/2017	ND	192	95.9	200	7.61	
DRO >C10-C28	<10.0	10.0	04/27/2017	ND	207	103	200	11.0	

Surrogate: 1-Chlorooctane 73.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 82.3 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/25/2017  
Reported: 05/02/2017  
Project Name: EATON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP 7-0 (H701101-06)**

BTEx 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/29/2017	ND	1.87	93.4	2.00	0.114		
Toluene*	0.062	0.050	04/29/2017	ND	1.93	96.5	2.00	0.819		
Ethylbenzene*	<0.050	0.050	04/29/2017	ND	1.94	97.1	2.00	0.802		
Total Xylenes*	<0.150	0.150	04/29/2017	ND	5.79	96.5	6.00	0.883		
Total BTEx	<0.300	0.300	04/29/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/28/2017	ND	400	100	400	7.69	

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	04/28/2017	ND	192	95.9	200	7.61	
DRO >C10-C28	261	10.0	04/28/2017	ND	207	103	200	11.0	

Surrogate: 1-Chlorooctane 76.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 89.0 % 34.7-157

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/25/2017  
Reported: 05/02/2017  
Project Name: EATON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP 7-1 (H701101-07)**

BTX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2017	ND	1.87	93.4	2.00	0.114	
Toluene*	<0.050	0.050	04/29/2017	ND	1.93	96.5	2.00	0.819	
Ethylbenzene*	<0.050	0.050	04/29/2017	ND	1.94	97.1	2.00	0.802	
Total Xylenes*	<0.150	0.150	04/29/2017	ND	5.79	96.5	6.00	0.883	
Total BTX	<0.300	0.300	04/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/28/2017	ND	400	100	400	7.69	

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	04/27/2017	ND	192	95.9	200	7.61	
DRO >C10-C28	<10.0	10.0	04/27/2017	ND	207	103	200	11.0	

Surrogate: 1-Chlorooctane 81.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 93.1 % 34.7-157

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 04/25/2017  
Reported: 05/02/2017  
Project Name: EATON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP 7-3 (H701101-08)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2017	ND	1.87	93.4	2.00	0.114	
Toluene*	<0.050	0.050	04/29/2017	ND	1.93	96.5	2.00	0.819	
Ethylbenzene*	<0.050	0.050	04/29/2017	ND	1.94	97.1	2.00	0.802	
Total Xylenes*	<0.150	0.150	04/29/2017	ND	5.79	96.5	6.00	0.883	
Total BTEx	<0.300	0.300	04/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/28/2017	ND	400	100	400	7.69	

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	04/27/2017	ND	192	95.9	200	7.61	
DRO >C10-C28	<10.0	10.0	04/27/2017	ND	207	103	200	11.0	

Surrogate: 1-Chlorooctane 90.5 % 28.3-164

Surrogate: 1-Chlorooctadecane 110 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 04/25/2017  
Reported: 05/02/2017  
Project Name: EATON  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 04/19/2017  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: SP 7-5 (H701101-09)**

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2017	ND	1.87	93.4	2.00	0.114	
Toluene*	<0.050	0.050	04/29/2017	ND	1.93	96.5	2.00	0.819	
Ethylbenzene*	<0.050	0.050	04/29/2017	ND	1.94	97.1	2.00	0.802	
Total Xylenes*	<0.150	0.150	04/29/2017	ND	5.79	96.5	6.00	0.883	
Total BTEx	<0.300	0.300	04/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 72-148

Chloride, SM4500CI-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	04/28/2017	ND	400	100	400	7.69	

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	04/27/2017	ND	192	95.9	200	7.61	
DRO >C10-C28	<10.0	10.0	04/27/2017	ND	207	103	200	11.0	

Surrogate: 1-Chlorooctane 79.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 87.7 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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, Lab Director/Quality Manager



## Page 12 of 12

101 East Mainland, Houston, TX 77059 (575) 393-2326 FAX (575) 393-2476				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																											
Company Name: <b>TR OIL</b>				P.O. #:																															
Project Manager: <b>Todd Roberson</b>				Company: <b>Trinity Oilfield</b>																															
Address:				Attn:																															
City: State: Zip:				Address:																															
Phone #: Fax #:				City:																															
Project #: Project Owner:				State: Zip:																															
Project Name: <b>Eaton</b>				Phone #:																															
Project Location: <b>Tyson Pierce</b>				Fax #:																															
Sampler Name: <b>Tyson Pierce</b>																																			
FOR LAB USE ONLY																																			
Lab I.D.		Sample I.D.		G/RAB OR (COMP. #) CONTAINERS		MATRIX		PRESERV.		SAMPLING																									
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME											
1		SP1		G1				X														4/14/11		2:55		TPH									
2		SP2-6		G1				X														3:00		3:14		BTEX									
3		SP2-10		G1				X														3:28		4:02		Chlorides									
4		SP2-13		G1				X														4:06		4:08											
5		SP3-11		G1				X														4:12		4:18											
6		SP7-0		G1				X																											
7		SP7-1		G1				X																											
8		SP7-3		G1				X																											
9		SP7-5		G1				X																											

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Relinquished By:		Date: <b>4/25/11</b>		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date: <b>4-25-17</b>		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Time: <b>4:50</b>		Time: <b>4:50</b>				REMARKS:			
Delivered By: (Circle One)									
Sampler - UPS - Bus - Other:		13.4%		Sample Condition Cool Intact		CHECKED BY: (Initials)			
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>T.O. HKS</b>	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

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July 05, 2017

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: EATON

Enclosed are the results of analyses for samples received by the laboratory on 06/20/17 8:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-9. 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/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONEReported:  
05-Jul-17 14:46

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB- 1 @ 5'	H701580-01	Soil	16-Jun-17 11:25	20-Jun-17 08:50
SB- 1 @ 10'	H701580-02	Soil	16-Jun-17 11:30	20-Jun-17 08:50
SB- 1 @ 15'	H701580-03	Soil	16-Jun-17 11:50	20-Jun-17 08:50
SB- 1 @ 25'	H701580-04	Soil	16-Jun-17 12:10	20-Jun-17 08:50
SB- 1 @ 30'	H701580-05	Soil	16-Jun-17 12:45	20-Jun-17 08:50
SB- 1 @ 35'	H701580-06	Soil	16-Jun-17 13:45	20-Jun-17 08:50
BACKGROUND @ 5'	H701580-07	Soil	16-Jun-17 14:25	20-Jun-17 08:50
BACKGROUND @ 10'	H701580-08	Soil	16-Jun-17 14:30	20-Jun-17 08:50

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Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241

Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
05-Jul-17 14:46

**SB- 1 @ 5'**  
**H701580-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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#### Cardinal Laboratories

##### Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7062001	MS	20-Jun-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7062001	MS	20-Jun-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7062001	MS	20-Jun-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7062001	MS	20-Jun-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7062001	MS	20-Jun-17	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	72-148		7062001	MS	20-Jun-17	8021B	

##### Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7062102	MS	21-Jun-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7062102	MS	21-Jun-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7062102	MS	21-Jun-17	8015B	
Surrogate: 1-Chlorooctane			85.4 %	28.3-164		7062102	MS	21-Jun-17	8015B	
Surrogate: 1-Chlorooctadecane			74.1 %	34.7-157		7062102	MS	21-Jun-17	8015B	

#### Green Analytical Laboratories

##### Soluble (DI Water Extraction)

Chloride	624		50.0	mg/kg wet	50	B706234	JDA	29-Jun-17	EPA300.0	
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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONEReported:  
05-Jul-17 14:46**SB- 1 @ 10'**  
**H701580-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Green Analytical Laboratories****Soluble (DI Water Extraction)**

<b>Chloride</b>	<b>1420</b>		50.0	mg/kg wet	50	B706234	JDA	29-Jun-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONEReported:  
05-Jul-17 14:46**SB- 1 @ 15'**  
**H701580-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Green Analytical Laboratories****Soluble (DI Water Extraction)**

<b>Chloride</b>	<b>919</b>		50.0	mg/kg wet	50	B706234	JDA	29-Jun-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONEReported:  
05-Jul-17 14:46**SB- 1 @ 25'**  
**H701580-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Green Analytical Laboratories****Soluble (DI Water Extraction)**

Chloride	403		10.0	mg/kg wet	10	B706234	JDA	29-Jun-17	EPA300.0	
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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONEReported:  
05-Jul-17 14:46**SB- 1 @ 30'**  
**H701580-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Green Analytical Laboratories****Soluble (DI Water Extraction)**

<b>Chloride</b>	<b>145</b>		10.0	mg/kg wet	10	B706234	JDA	29-Jun-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241

Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
05-Jul-17 14:46

### SB- 1 @ 35' H701580-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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#### Cardinal Laboratories

#### Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	7062001	MS	20-Jun-17	8021B	
Toluene*	<0.050		0.050	mg/kg	50	7062001	MS	20-Jun-17	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	7062001	MS	20-Jun-17	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	7062001	MS	20-Jun-17	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	7062001	MS	20-Jun-17	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			113 %	72-148		7062001	MS	20-Jun-17	8021B	

#### Petroleum Hydrocarbons by GC FID

GRO C6-C10	<10.0		10.0	mg/kg	1	7062102	MS	21-Jun-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7062102	MS	21-Jun-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7062102	MS	21-Jun-17	8015B	
<i>Surrogate: 1-Chlorooctane</i>			91.0 %	28.3-164		7062102	MS	21-Jun-17	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			77.2 %	34.7-157		7062102	MS	21-Jun-17	8015B	

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

Chloride	554		50.0	mg/kg wet	50	B706234	JDA	30-Jun-17	EPA300.0	
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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONEReported:  
05-Jul-17 14:46**BACKGROUND @ 5'****H701580-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Green Analytical Laboratories****Soluble (DI Water Extraction)**

Chloride	423		100	mg/kg wet	100	B706234	JDA	29-Jun-17	EPA300.0	
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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONEReported:  
05-Jul-17 14:46**BACKGROUND @ 10'****H701580-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Green Analytical Laboratories****Soluble (DI Water Extraction)**

Chloride	99.8		50.0	mg/kg wet	50	B706234	JDA	29-Jun-17	EPA300.0	
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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241

Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
05-Jul-17 14:46

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

#### Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 7062001 - Volatiles

##### Blank (7062001-BLK1)

Prepared & Analyzed: 20-Jun-17

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.6	72-148			

##### LCS (7062001-BS1)

Prepared & Analyzed: 20-Jun-17

Benzene	1.88	0.050	mg/kg	2.00		93.9	79.5-124			
Toluene	1.82	0.050	mg/kg	2.00		90.9	75.5-127			
Ethylbenzene	1.90	0.050	mg/kg	2.00		94.9	77.7-125			
Total Xylenes	5.12	0.150	mg/kg	6.00		85.3	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.7	72-148			

##### LCS Dup (7062001-BS1)

Prepared & Analyzed: 20-Jun-17

Benzene	1.89	0.050	mg/kg	2.00		94.4	79.5-124	0.545	6.5	
Toluene	1.84	0.050	mg/kg	2.00		91.8	75.5-127	1.02	7.02	
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.6	77.7-125	0.754	7.83	
Total Xylenes	5.15	0.150	mg/kg	6.00		85.8	70.9-124	0.595	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	72-148			

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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC  
P. O. BOX 2587  
HOBBS NM, 88241

Project: EATON  
Project Number: NONE GIVEN  
Project Manager: BEN ARGUIJO  
Fax To: NONE

Reported:  
05-Jul-17 14:46

### Petroleum Hydrocarbons by GC FID - Quality Control

#### Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 7062102 - General Prep - Organics

##### Blank (7062102-BLK1)

Prepared & Analyzed: 21-Jun-17

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	41.5		mg/kg	50.0		83.0	28.3-164			
Surrogate: 1-Chlorooctadecane	37.8		mg/kg	50.0		75.6	34.7-157			

##### LCS (7062102-BS1)

Prepared & Analyzed: 21-Jun-17

GRO C6-C10	167	10.0	mg/kg	200		83.5	76.6-119			
DRO >C10-C28	168	10.0	mg/kg	200		84.0	81.4-124			
Total TPH C6-C28	335	10.0	mg/kg	400		83.7	79.4-121			
Surrogate: 1-Chlorooctane	44.0		mg/kg	50.0		88.1	28.3-164			
Surrogate: 1-Chlorooctadecane	36.5		mg/kg	50.0		73.1	34.7-157			

##### LCS Dup (7062102-BSD1)

Prepared & Analyzed: 21-Jun-17

GRO C6-C10	187	10.0	mg/kg	200		93.5	76.6-119	11.3	7.94	QR-02
DRO >C10-C28	193	10.0	mg/kg	200		96.5	81.4-124	13.8	9.83	QR-02
Total TPH C6-C28	380	10.0	mg/kg	400		95.0	79.4-121	12.6	8.57	QR-02
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	28.3-164			
Surrogate: 1-Chlorooctadecane	43.6		mg/kg	50.0		87.3	34.7-157			

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TRINITY OILFIELD SERVICES & RENTALS, LLC  
 P. O. BOX 2587  
 HOBBS NM, 88241

 Project: EATON  
 Project Number: NONE GIVEN  
 Project Manager: BEN ARGUIJO  
 Fax To: NONE

 Reported:  
 05-Jul-17 14:46

**Soluble (DI Water Extraction) - Quality Control**
**Green Analytical Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B706234 - General Prep - Wet Chem**
**Blank (B706234-BLK1)**

Prepared: 27-Jun-17 Analyzed: 29-Jun-17

Chloride	ND	10.0	mg/kg wet							
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**LCS (B706234-BS1)**

Prepared: 27-Jun-17 Analyzed: 29-Jun-17

Chloride	239	10.0	mg/kg wet	250		95.8	85-115			
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**LCS Dup (B706234-BSD1)**

Prepared: 27-Jun-17 Analyzed: 29-Jun-17

Chloride	240	10.0	mg/kg wet	250		96.2	85-115	0.396	20	
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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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, Lab Director/Quality Manager





101 East Marland, Hobbs, NM 88240

**(575) 393-2326 FAX (575) 393-2476**


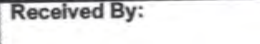
### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Page 15 of 15

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Phase Result: ☐ Yes ☐ No ☐ Add'l

Relinquished By: 		Date: 6/29/12	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
		Time: 0850		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date: 6-20-17	Received By: 	REMARKS:	
		Time: 8:50			
Delivered By: (Circle One)		Sample Condition	CHECKED BY:	Please e-mail results to <a href="mailto:ben@trinityoilfieldservices.com">ben@trinityoilfieldservices.com</a>	
Sampler - UPS - Bus - Other:		Cool Intact	(Initials)		
-0.4°C		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	T.O. #75		

FORM-006  
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

# **Appendix D**

## **Drilling Log**

Company: JR Oil, Ltd. Co.  
 Project Name: Eaton B AC #1  
 Project ID: 1RP-4591  
 Location: Lea Co., NM  
 Legal Description: U/L "G" (SWNE), Sec. 12, T25S, R37E  
 Logger: Ben J. Arguijo  
 Drafted By: Ben J. Arguijo  
 Draft Date: July 19, 2017

Well/Borehole ID: SB-1  
 Drilling Method: Auger  
 Driller: Big Guns Rathole  
 Latitude: 32.147559  
 Longitude: -103.115002  
 Drilling Date: 6/16/2017  
 Depth of Exploratory Boring (ft): 35  
 Depth to Groundwater (ft): 90



Drilling Depth (ft)	Lithology	Lithology Description	Field Measurements/Observations			Lab Results				Well Construction
			Chloride	Petroleum Odor	Petroleum Staining	Chloride	TPH	Benzene	BTEX	
0		Dark brown fine sand	-	None	None	624	ND	ND	ND	
5		Light brown, fine sand, caliche	-	None	None	1,420	-	-	-	
10		Tan fine sand; caliche	904	None	None	919	-	-	-	
15										
20		Bright brown fine sand w/ caliche	-	None	None	-	-	-	-	
25		Bright to light brown, very fine sand	380	None	None	403	-	-	-	
30			244	None	None	145	-	-	-	
35		Orangish-tan, very fine sand	244	None	None	191	ND	ND	ND	
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
100										

#### Legend

- Bentonite Plug
- Gravel Pack
- Grout Seal
- Sand Pack
- Slough
- Monument
- PVC Casing
- Screen
- End Cap
- Groundwater
- PSH

#### Notes:

1. All samples collected from cuttings
2. Lines between material types shown in the soil profile log represent approximate boundaries. Actual transitions may be gradual.
3. Field-test & laboratory analytical results reported in mg/kg (ppm)



Trinity Oilfield Services & Rentals, LLC  
 P.O. Box 2587, Hobbs, NM 88241  
 Phone: (575)397-4961