

RECEIVED

By OCD District 1 at 2:10 pm, Jun 03, 2015

Fred Turner Battery Site Reclamation

MCBU Safe Digging Plan

APPROVED

By OCD District 1 at 2:10 pm, Jun 03, 2015

1. Contacts.

- A. Caleb Weaver, FE, Chevron, 432-235-9382
- B. Russell Dotson, FE, Chevron, 713-516-4977
- C. David Mathews, Construction Rep, Chevron, 318-237-2371
- D. Bobby Hill, Operations Supervisor, Chevron, 575-631-9108
- E. Andrew Barringer, FE Team Lead, Chevron, 432-687-7647
- F. David Frederick, Watson Construction, 432-803-3598

2. Background Information.

The Fred Turner #3 has been plugged and abandoned. The facilities team will be reclaiming the site and cleaning up a spill within the berm area.

3. Planning.

Work scope for this dig plan includes the removal of the caliche from the pad and lease road, and placing a berm along the entrance to the lease road in order to prevent access to the reclaimed site. It also includes removal of contaminated soil from the berm area, and refilling the area with clean topsoil. The site was swept for lines by D&D Professional Line finding services, TexMex line finders, and Watson Construction line finders. There will be no identified line crossings once earth work begins.

4. Goal.

The goal of this project is to safely reclaim the site with incident free operations (IFO). There is always additional time granted for performing the job in the safest manner. You are required to use your Stop Work Authority (SWA) when the situation dictates, conditions change or new hazards are identified.

5. Remediation Plan.

Three tanks on the Fred Turner #3 have been removed from the location and disposed of. The soil underneath these three tanks was found to have been contaminated by oil and produced water. A new berm will be placed along the remaining tanks on the location, and the old berm will be removed (Figure 1).

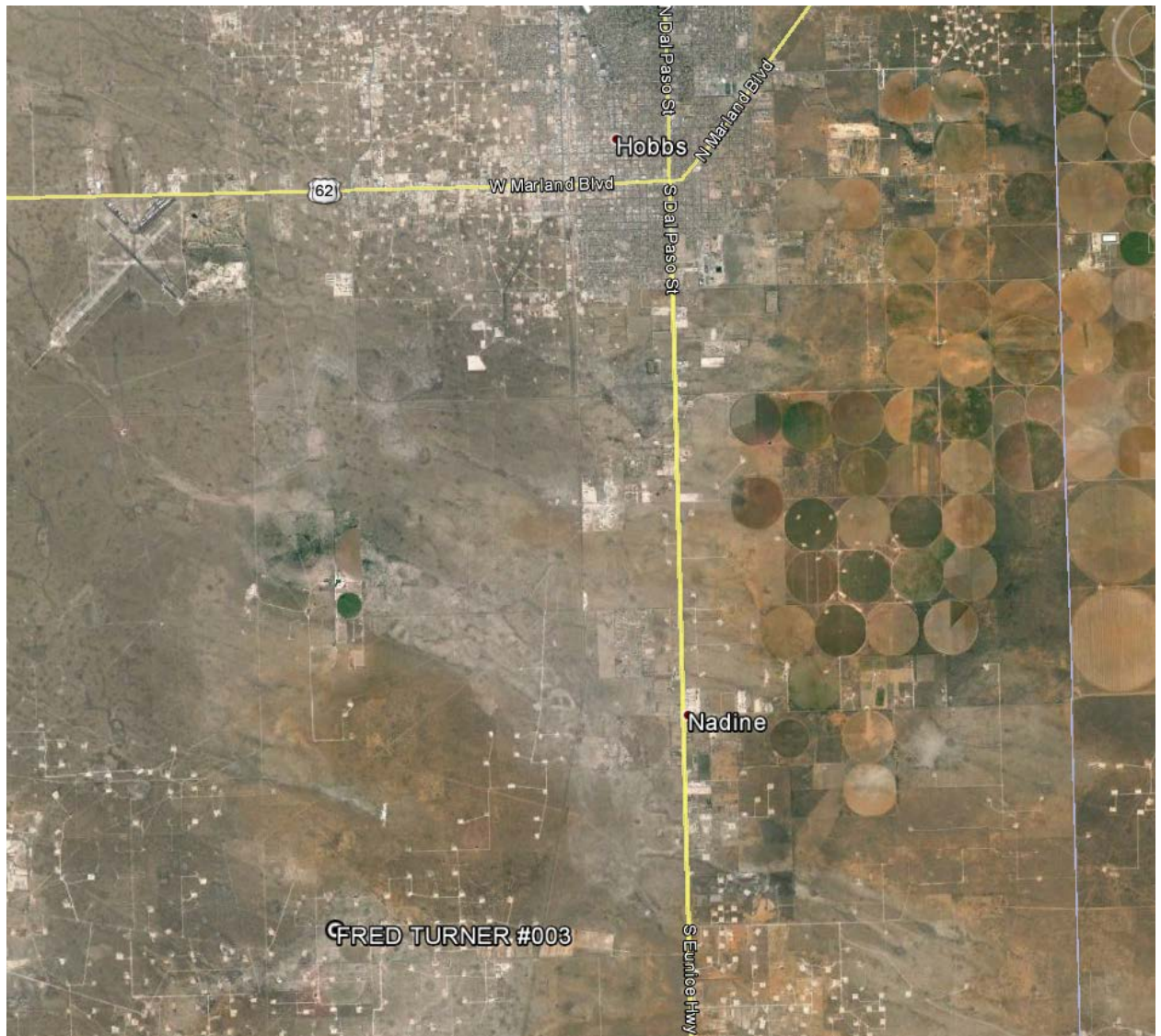
Inside the berm, there is an extra 2.5 ft of soil above ground level. This soil will be removed and disposed of.

Soil samples will then be taken in a grid. These samples will be tested to determine if the soil has been contaminated. If the tests reveal that the soil has been contaminated, we will dig down and remove extra soil. Another round of tests will be taken to determine if there is any contamination in the remaining soil.

If the tests show no contamination in the soil, then remediation of the site will continue, and the location will be returned to its natural state.

Location Map/One Call Line Identification





Location relative to Hobbs, NM.

Leave Hobbs, NM, by heading south on Highway 18 for approximately 7.4 miles.

Turn west onto Highway 45 (Billy Walker Rd) and continue straight for approximately 3.5 miles.

Turn north onto Goodson Ln, and continue straight for approximately 0.35 miles.

Turn east onto lease road, and continue straight for approximately 0.1 miles, and location will be on the left (north) side of the road.

Existing lines, line crossings, one call. One call process has been followed. The One Call is available in **Appendix #3**. All known and marked lines have been removed from the location. The lines were removed to a minimum of 30 feet from the edge of the location

New Mexico One Call

Locate Request Confirmation

Header Code: STANDARD LOCATE

Request Type:

Ticket No: 2015202913 Seq. No: 0

Update of:

Original Call Date: 05/15/2015 Time: 08:52:02 AM OP: 317

Transmit Date: 05/15/2015 Time: 08:54:29 AM

Work to Begin Date: 05/19/2015 Time: 08:41:00 AM

Company: WATSON CONSTRUCTION

Contact Name: DAVID FREDRICK Contact Phone: (432)803-3598

Alternate Contact: Alternate Phone:

Best Time to Call: Fax No:

Cell Phone: Pager No:

Email: kyatwoodwcc@outlook.com

State: NM County: LEA City: RURAL LEA

Address: , FRED TURNER BATTERY

To Address:

Nearest Intersecting Street: 32.59654/-103.18411

2nd Intersecting Street:

Subdivision:

Latitude: 32.59657950 Longitude: -103.18408300

Zip Code:

Grid:

Location of Work: FRM INTER OF NM18 & BILLY WALKER RD, W ON BILLY
WALKER RD 3.5MI, TRN N ON LEASE RD 0.3MI, TRN E
0.2MI INTO LOCATION. SPOT:200FT RADIUS OF SURVEY
STAKES WITH WHITE RIBBON IN CENTER OF LOCATION.

Remarks: OPEN ACCESS; POSSIBLE H2S.

Type of Work: SOIL REMEDIATION

Private Property: Street: Overhead Lines: Blasting:

Easement: Mechanical Boring: Premarked: Y

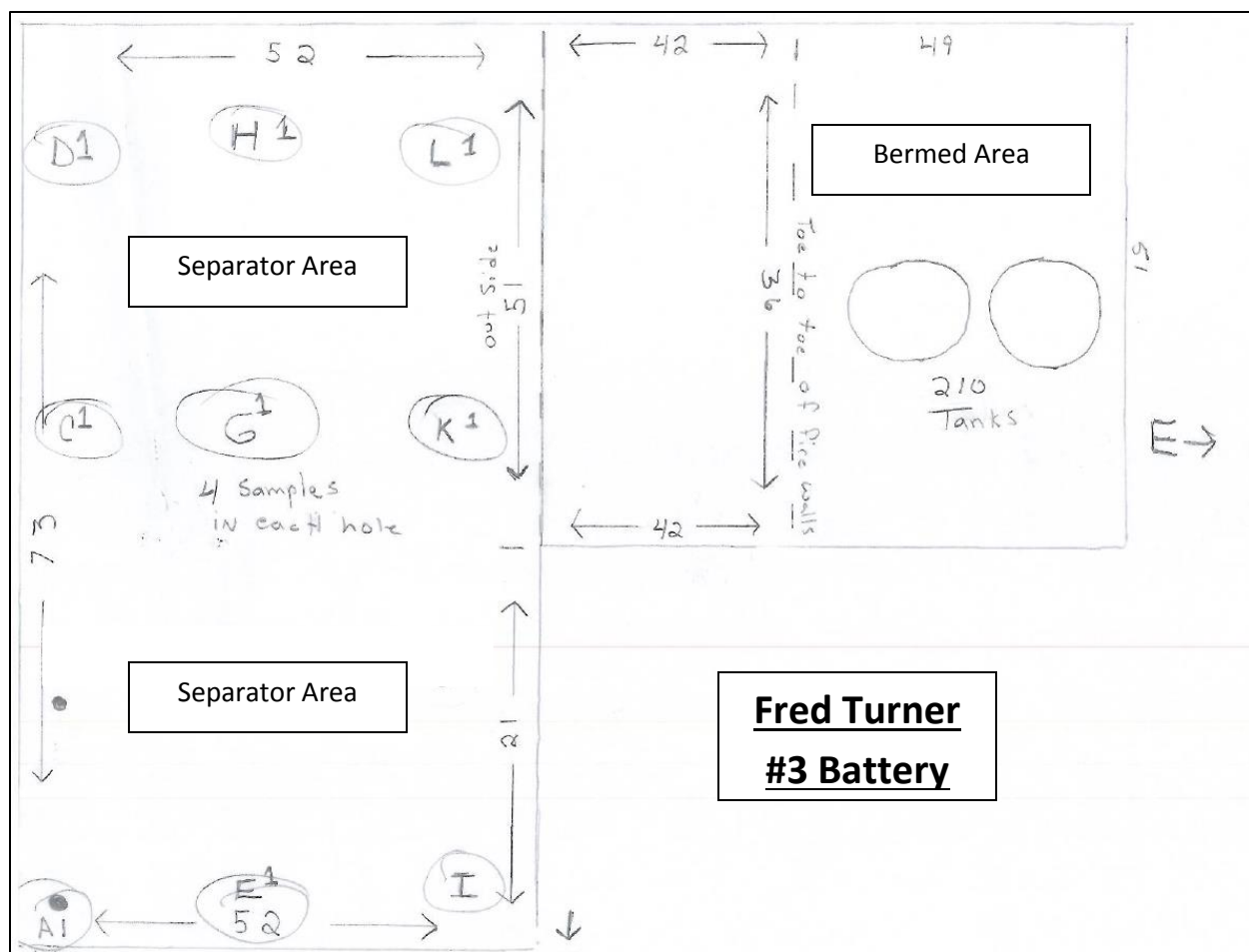
Work Being Done For: CHEVRON

The following utility owners have been notified:

OXYS RGAS REC3 MONU EUCE
EP19 EUPL

Member name	Station code	Ticket status	Type	View
OXY PERMIAN - SOUTH	OXYS	UFO CLEARED	PIPELINE	View
CHEVRON EXPLORATION & PRODUCTION - EUNICE	EUCE	SITE MARKED	ALL	View
RICE-EME	REC3	SITE MARKED	PIPELINE	View
EPNG/KINDER MORGAN - PLAINS	EP19	UFO CLEARED	CHOOSE ONE OPTION	View
TARGA RESOURCES - MONUMENT	MONU	SITE MARKED	CHOOSE ONE OPTION	View
PLAINS PIPELINE, LP	EUPL	SITE MARKED	CHOOSE ONE OPTION	View
REGENCY GAS	RGAS	UFO CLEARED	CHOOSE ONE OPTION	View





Four samples were taken in each hole, at 1 ft, 2 ft, 3 ft, and 4 ft.

May 29, 2015

DAVID MATTHEWS

CHEVRON - HOBBS

1616 W. BENDER

HOBBS, NM 88240

RE: FRED TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/22/15 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: A @ 1' (H501295-01)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	61.6	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 131 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: A @ 2' (H501295-02)

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	05/26/2015	ND	1.68	84.0	2.00	3.46		
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52		
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89		
Total BTEx	<0.300	0.300	05/26/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 97.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: A @ 3' (H501295-03)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 114 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

 Received: 05/22/2015
 Reported: 05/29/2015
 Project Name: FRED TURNER BATTERY
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 05/22/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: A @ 4' (H501295-04)

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	05/26/2015	ND	1.68	84.0	2.00	3.46		
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52		
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89		
Total BTEx	<0.300	0.300	05/26/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 111 % 47.2-157

Surrogate: 1-Chlorooctadecane 126 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: C @ 1' (H501295-05)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	153	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 96.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: C @ 2' (H501295-06)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	48.7	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: C @ 3' (H501295-07)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	506	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 106 % 47.2-157

Surrogate: 1-Chlorooctadecane 129 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: C @ 4' (H501295-08)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	78.3	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 125 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: D @ 1' (H501295-09)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	17.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 119 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: D @ 2' (H501295-10)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: D @ 3' (H501295-11)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: D @ 4' (H501295-12)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 98.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: E @ 1' (H501295-13)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	642	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 190 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: E @ 2' (H501295-14)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	129	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: E @ 3' (H501295-15)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	159	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 99.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: E @ 4' (H501295-16)

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/27/2015	ND	432	108	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	<50.0	50.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	2090	50.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 230 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: G @ 1' (H501295-17)

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	05/26/2015	ND	1.68	84.0	2.00	3.46		
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52		
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89		
Total BTX	<0.300	0.300	05/26/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	109	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: G @ 2' (H501295-18)

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	05/27/2015	ND	1.80	89.9	2.00	2.19		
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99		
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78		
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19		
Total BTEx	<0.300	0.300	05/27/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 96.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: G @ 3' (H501295-19)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	13.1	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 98.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 115 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

 Received: 05/22/2015
 Reported: 05/29/2015
 Project Name: FRED TURNER BATTERY
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 05/22/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: G @ 4' (H501295-20)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/27/2015	ND	432	108	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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	17.5	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 124 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: H @ 1' (H501295-21)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 93.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: H @ 2' (H501295-22)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 90.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: H @ 3' (H501295-23)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	22.2	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 94.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: H @ 4' (H501295-24)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: I @ 1' (H501295-25)

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	05/27/2015	ND	1.80	89.9	2.00	2.19		
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99		
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78		
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19		
Total BTEx	<0.300	0.300	05/27/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	216	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 97.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 114 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: I @ 2' (H501295-26)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	32.6	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 95.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: I @ 3' (H501295-27)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 96.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: I @ 4' (H501295-28)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 92.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: K @ 1' (H501295-29)

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	05/27/2015	ND	1.80	89.9	2.00	2.19		
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99		
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78		
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19		
Total BTX	<0.300	0.300	05/27/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 98.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: K @ 2' (H501295-30)

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	05/27/2015	ND	1.80	89.9	2.00	2.19		
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99		
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78		
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19		
Total BTEx	<0.300	0.300	05/27/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 99.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: K @ 3' (H501295-31)

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	05/27/2015	ND	1.80	89.9	2.00	2.19		
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99		
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78		
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19		
Total BTX	<0.300	0.300	05/27/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: K @ 4' (H501295-32)

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	05/27/2015	ND	1.80	89.9	2.00	2.19		
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99		
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78		
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19		
Total BTEx	<0.300	0.300	05/27/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 CHEVRON - HOBBS
 DAVID MATTHEWS
 1616 W. BENDER
 HOBBS NM, 88240
 Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: L @ 1' (H501295-33)

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	05/27/2015	ND	1.80	89.9	2.00	2.19		
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99		
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78		
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19		
Total BTEx	<0.300	0.300	05/27/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: L @ 2' (H501295-34)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 94.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: L @ 3' (H501295-35)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 97.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

CHEVRON - HOBBS
DAVID MATTHEWS
1616 W. BENDER
HOBBS NM, 88240
Fax To:

Received: 05/22/2015
Reported: 05/29/2015
Project Name: FRED TURNER BATTERY
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: L @ 4' (H501295-36)

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/27/2015	ND	432	108	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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 92.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name: Chevron		P.O. #:		BILL TO																															
Project Manager: David Matthews		Company:		ANALYSIS REQUEST																															
Address:		Attn:																																	
City: Hobbs		Address:																																	
State:		City:																																	
Zip:		State:																																	
Phone #:		Fax #:																																	
Project #:		Project Owner:																																	
Project Name: Fred Turner Battery		City:																																	
Project Location: Lee County, NM		State:																																	
Sample Name: Richard Altman		Phone #:																																	
FOR LAB USE ONLY		Fax #:																																	
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		CL		TPH		BTEX	
H501295		A 201'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		5/29/15		1:00		✓		✓		✓	
1		A 201'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											
2		A 202'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											
3		A 203'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											
4		A 204'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											
5		C 201'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											
6		C 202'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											
7		C 203'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											
8		C 204'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											
9		B 201'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											
10		B 202'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓											

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Relinquished By: Richard Altman	Date: 5/29/15	Received By: David Matthews	Date: 5/29/15
Time: 13:00	Time: 13:00	Time: 13:00	Time: 13:00

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: **3.42**

Sample Condition
Cool ☒ Intact ☒
Yes ☒ No ☐

CHECKED BY: **David Matthews**

REMARKS: **David**

Phone Result: ☐ Yes ☐ No ☐ Add'l Phone #:
Fax Result: ☐ Yes ☐ No ☐ Add'l Fax #:

ANALYSIS REQUEST



CARDINAL Laboratories

2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Chevron</u>		P.O. #:		BILL TO																																									
Project Manager:		Company:		ANALYSIS REQUEST																																									
Address:		Attn:																																											
City:		Address:																																											
State:		City:																																											
Zip:		State:																																											
Phone #:		Fax #:																																											
Project #:		Project Owner:																																											
Project Name:		State:																																											
Project Location:		Phone #:																																											
Sample Name:		Fax #:																																											
FOR LAB USE ONLY																																													
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																	
H501295		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
11		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
12		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
13		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
14		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
15		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
16		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
17		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
18		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
19		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
20		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1															
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.														Relinquished By: <u>Reynold Otteman</u>		Date: <u>5/22/15</u>		Received By: <u>Jacki Jensen</u>		Time: <u>13:00</u>		Sample Condition		CHECKED BY: <u>(Initials)</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:		REMARKS:											
Delivered By: (Circle One)		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Sample Condition		CHECKED BY: <u>(Initials)</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:																															
Sampler - UPS - Bus - Other: <u>4C</u>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Sample Condition		CHECKED BY: <u>(Initials)</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:																															

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



CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3

Company Name: Chertan		P.O. #:		BILL TO																																							
Project Manager:		Company:		ANALYSIS REQUEST																																							
Address:		Attn:																																									
City:		Address:																																									
State:		City:																																									
Zip:		State:																																									
Phone #:		Fax #:																																									
Project #:		Project Owner:																																									
Project Name:		State:																																									
Project Location:		Phone #:																																									
Fax #:																																											
Sample Name:																																											
FOR LAB USE ONLY																																											
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															
H501295		H201'		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H202'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H203'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H204'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H205'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H206'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H207'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
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H211'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H212'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H213'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H214'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H215'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H216'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H217'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H218'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H219'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H220'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H221'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H222'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H223'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H224'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H225'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H226'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H227'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H228'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H229'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H230'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H231'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H232'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H233'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H234'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H235'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H236'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H237'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H238'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H239'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H240'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H241'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H242'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H243'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H244'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H245'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H246'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H247'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H248'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H249'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H250'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H251'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H252'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H253'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H254'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H255'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H256'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H257'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H258'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H259'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H260'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H261'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H262'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H263'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H264'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H265'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H266'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H267'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H268'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H269'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H270'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H271'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H272'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H273'		1		1		1		1																																			



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From: [Weaver, Caleb W](#)
To: [Jones, Kellie, EMNRD](#)
Subject: Fred Turner #3 and Moran #2
Date: Tuesday, June 02, 2015 5:54:34 PM

Good evening,

As per our conversation, the samples at the Fred Turner #3 and Moran #2 will be tested for the following:

- Benzene
- Toluene
- Ethylbenzene
- Total Xylenes
- Total BTEX
- Chloride
- GRO C6-C10
- DRO C10-C28

Please let me know if there is any other information you need, and we will be glad to send it your way.

Thanks!

Caleb W. Weaver

Facilities Engineer

Chevron North America Exploration & Production

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