



APPROVED
Work Plan

REVIEWED

By Kristen Lynch at 9:22 am, Sep 09, 2016

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

August 16, 2016

Jamie Keys
Oil Conservation Division, EMNRD
Environmental Specialist
1625 North French Drive
Hobbs, NM 88240

RE: Work Plan

BTA Oil Producers
Byers 8605 JV-P Well #1
H-23-20S-35E 1830 FNL & 660 FEL

Jamie,

Trinity Oilfield Services is representing BTA Oil Producers in the Accidental Release (AR) for the Byers 8605 JV-P Well #1. On November 16, 2015 a BTA employee discovered a gasket leak at the treater. According to BTA an estimated 15 bbl was released and 8 bbl was picked up using a Vacuum Truck. The treater was shut down until the gasket could be changed out. Subsequently an initial cleanup was performed, and a C-141 was filed. There is no standing fluid only a stain on the surface.

Delineation

BTA performed a sampling event on November 18, 2016. Six sample points were selected and samples were pulled from the surface including 1 background sample. The results of this event and an initial sample map can be found attached as Exhibit A & B. After evaluation of the results BTA returned to the site on March 10, 2016 and pulled samples at the same sample points at 1'BGS. After evaluating these samples and performing field titrations it was concluded Chlorides were no longer an issue and TPH was only a concern in SP2. These results are provided in Exhibit C. A final sampling event was performed on SP2 at 2'BGS & 3"BGS. Results of this

event are provided in Exhibit D. It is believed that groundwater is grater than 100'. This map can be found in Exhibit E.

Conclusion

After carefully analyzing all of the data and consulting with our client, Trinity is proposing the following remediation. Trinity would like to excavate the Effected Area (EA) to 1' BGS except area's immediately around SP2 & SP4. In this area we are proposing excavation to 3' BGS. All of the material will be hauled to a licensed disposal. Bottom hole samples will be provided with the closure request. Finally, we would like to backfill the area with appropriate soil for the area and reseed. Upon completion of this work plan Trinity will submit a closure report. Please feel free to contact me with any questions or concerns regarding this matter.

Sincerely,

Todd Roberson
President
Trinity Oilfield Services & Rentals, LLC.

CC Clay Tipton - BTA Oil Producers - clay@btaoil.com
Pam Inskeep - BTA Oil Producers - pam@btaoil.com
Attachments: Exhibit A, B, C, D, & E
C-141
Groundwater Map

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

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

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	BTA Oil Producers	Contact	Pam Inskeep
Address	104 S. Pecos, Midland, TX 79701	Telephone No.	(432) 682-3753
Facility Name	Byers, 8605 JV-P, Well #1 30-025-29773	Facility Type	Tank Battery
Surface Owner	Patrick Sims	Mineral Owner	
		Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	23	20S	35E	1830	North	660	East	Lea

NATURE OF RELEASE

Type of Release	Minor	Volume of Release	15 bbls wtr	Volume Recovered	8 bbls
Source of Release	Gasket Leak at Heater	Date and Hour of Occurrence	10/09/2015 a.m.	Date and Hour of Discovery	10/09/2015 a.m..
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Kellie Jones - Dist I NMOCD		
By Whom?	Pam Inskeep	Date and Hour	1:00 p.m. CDT, 10/09/2015		
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.*

N/A

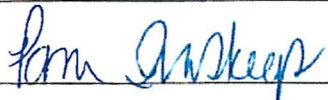
Describe Cause of Problem and Remedial Action Taken.*

A gasket leak at the treater allowed fluid to leak out. An estimated 15 bbls of water was released to the ground. The water had a slight sheen of oil reflecting on top. A finger stream of the release moved off the location. An estimated 8 bbls of fluid was vacuumed up and taken to BTA 8605 JV-P Byers #2 SWD. One Call was made and it is planned to remove the 3" of topsoil at the affected site. Sampling will then be done, to determine if any further remediation action is necessary. The ground was already soaked with water, as thunderstorms were in the area over several days. 11/18/15 - samples were taken by Cardinal Laboratories. Analysis and sample diagram are attached.

Describe Area Affected and Cleanup Action Taken.*

See above explanation. No sensitive areas or surface waters were affected.

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: 	OIL CONSERVATION DIVISION		
Printed Name: Pam Inskeep	Approved by District Supervisor:		
Title: Regulatory Administrator	Approval Date:	Expiration Date:	
Date: 12/16/2015 Phone: (432) 682-3753	Conditions of Approval:	Attached <input type="checkbox"/>	

Attach Additional Sheets If Necessary



EXHIBIT A



Byers 8605 JV-P 001

Sample Points	BTEX	Chloride	TPH-GRO	TPH-DRO
SP1	< .3	2000	< 10	131
SP2	< .3	160	< 10	62.3
SP3	< .3	528	< 10	< 10
SP4	1.01	2040	28.2	772
SP5	< .3	< 16	< 10	<10
Base Line	< .3	< 16	< 10	< 10

Byers 8605 JV-P 001

Baseline SP

Contamination Area:

2,500 Sq/ft

SP1 SP2 SP3 SP4 SP5

EXHIBIT B

November 19, 2015

CLAY TIPTON

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: BYERS

Enclosed are the results of analyses for samples received by the laboratory on 11/18/15 12:23.

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:

BTA Oil Producers
CLAY TIPTON
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 11/18/2015
Reported: 11/19/2015
Project Name: BYERS
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 11/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: #1 (H503040-01)

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	11/19/2015	ND	1.87	93.7	2.00	3.41	
Toluene*	<0.050	0.050	11/19/2015	ND	2.12	106	2.00	5.06	
Ethylbenzene*	<0.050	0.050	11/19/2015	ND	2.08	104	2.00	7.30	
Total Xylenes*	<0.150	0.150	11/19/2015	ND	6.20	103	6.00	7.21	
Total BTEX	<0.300	0.300	11/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	11/18/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/19/2015	ND	200	100	200	3.13		
DRO >C10-C28	131	10.0	11/19/2015	ND	199	99.6	200	3.15		

Surrogate: 1-Chlorooctane 97.0 % 35-147

Surrogate: 1-Chlorooctadecane 121 % 28-171

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BTA Oil Producers
CLAY TIPTON
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 11/18/2015
Reported: 11/19/2015
Project Name: BYERS
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 11/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: #2 (H503040-02)

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	11/19/2015	ND	1.87	93.7	2.00	3.41	
Toluene*	<0.050	0.050	11/19/2015	ND	2.12	106	2.00	5.06	
Ethylbenzene*	<0.050	0.050	11/19/2015	ND	2.08	104	2.00	7.30	
Total Xylenes*	<0.150	0.150	11/19/2015	ND	6.20	103	6.00	7.21	
Total BTEX	<0.300	0.300	11/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/18/2015	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

GRO C6-C10	<10.0	10.0	11/19/2015	ND	200	100	200	3.13		
DRO >C10-C28	62.3	10.0	11/19/2015	ND	199	99.6	200	3.15		

Surrogate: 1-Chlorooctane 89.5 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celestine D. Keene

Celestine D. Keene, Lab Director/Quality Manager

Analytical Results For:

BTA Oil Producers
CLAY TIPTON
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 11/18/2015
Reported: 11/19/2015
Project Name: BYERS
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 11/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: #3 (H503040-03)

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	11/19/2015	ND	1.87	93.7	2.00	3.41	
Toluene*	<0.050	0.050	11/19/2015	ND	2.12	106	2.00	5.06	
Ethylbenzene*	<0.050	0.050	11/19/2015	ND	2.08	104	2.00	7.30	
Total Xylenes*	<0.150	0.150	11/19/2015	ND	6.20	103	6.00	7.21	
Total BTEX	<0.300	0.300	11/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	11/18/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/19/2015	ND	200	100	200	3.13		
DRO >C10-C28	<10.0	10.0	11/19/2015	ND	199	99.6	200	3.15		

Surrogate: 1-Chlorooctane 96.0 % 35-147

Surrogate: 1-Chlorooctadecane 100 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celestine D. Keene

Celestine D. Keene, Lab Director/Quality Manager

Analytical Results For:

BTA Oil Producers
CLAY TIPTON
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 11/18/2015
Reported: 11/19/2015
Project Name: BYERS
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 11/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: #4 (H503040-04)

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	11/19/2015	ND	1.87	93.7	2.00	3.41	
Toluene*	<0.050	0.050	11/19/2015	ND	2.12	106	2.00	5.06	
Ethylbenzene*	<0.050	0.050	11/19/2015	ND	2.08	104	2.00	7.30	
Total Xylenes*	1.01	0.150	11/19/2015	ND	6.20	103	6.00	7.21	
Total BTEX	1.01	0.300	11/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 128 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	11/18/2015	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	28.2	10.0	11/19/2015	ND	200	100	200	3.13	
DRO >C10-C28	772	10.0	11/19/2015	ND	199	99.6	200	3.15	

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 110 % 28-171

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*=Accredited Analyte

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Celestine D. Keene

Celestine D. Keene, Lab Director/Quality Manager

Analytical Results For:

BTA Oil Producers
CLAY TIPTON
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 11/18/2015
Reported: 11/19/2015
Project Name: BYERS
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 11/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: #5 (H503040-05)

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	11/19/2015	ND	1.87	93.7	2.00	3.41	
Toluene*	<0.050	0.050	11/19/2015	ND	2.12	106	2.00	5.06	
Ethylbenzene*	<0.050	0.050	11/19/2015	ND	2.08	104	2.00	7.30	
Total Xylenes*	<0.150	0.150	11/19/2015	ND	6.20	103	6.00	7.21	
Total BTEX	<0.300	0.300	11/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.6-140

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	11/18/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/19/2015	ND	200	100	200	3.13	
DRO >C10-C28	<10.0	10.0	11/19/2015	ND	199	99.6	200	3.15	

Surrogate: 1-Chlorooctane 96.5 % 35-147

Surrogate: 1-Chlorooctadecane 104 % 28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BTA Oil Producers
CLAY TIPTON
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 11/18/2015
Reported: 11/19/2015
Project Name: BYERS
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 11/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BACKGROUND (H503040-06)

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	11/19/2015	ND	1.87	93.7	2.00	3.41	
Toluene*	<0.050	0.050	11/19/2015	ND	2.12	106	2.00	5.06	
Ethylbenzene*	<0.050	0.050	11/19/2015	ND	2.08	104	2.00	7.30	
Total Xylenes*	<0.150	0.150	11/19/2015	ND	6.20	103	6.00	7.21	
Total BTEx	<0.300	0.300	11/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 73.6-140

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	11/18/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/19/2015	ND	200	100	200	3.13	
DRO >C10-C28	<10.0	10.0	11/19/2015	ND	199	99.6	200	3.15	

Surrogate: 1-Chlorooctane 93.9 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

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Celey D. Keene

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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ges to (575)
#54

EXHIBIT C

March 15, 2016

CLAY TIPTON

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: BYERS

Enclosed are the results of analyses for samples received by the laboratory on 03/10/16 11:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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.

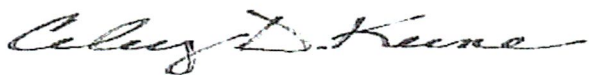
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:

 BTA Oil Producers
 CLAY TIPTON
 103 South Pecos
 Midland TX, 79701
 Fax To: (432) 683-0312

 Received: 03/10/2016
 Reported: 03/15/2016
 Project Name: BYERS
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 03/10/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: #1 (H600523-01)

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	03/14/2016	ND	2.15	107	2.00	4.48	
Toluene*	<0.050	0.050	03/14/2016	ND	2.09	104	2.00	5.31	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.87	93.6	2.00	4.18	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.70	95.1	6.00	3.38	
Total BTX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	03/11/2016	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	204	102	200	0.937	

Surrogate: 1-Chlorooctane 78.8 % 35-147

Surrogate: 1-Chlorooctadecane 87.6 % 28-171

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BTA Oil Producers
 CLAY TIPTON
 103 South Pecos
 Midland TX, 79701
 Fax To: (432) 683-0312

 Received: 03/10/2016
 Reported: 03/15/2016
 Project Name: BYERS
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 03/10/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: #2 (H600523-02)

BTX 8021B		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2016	ND	2.15	107	2.00	4.48	
Toluene*	<0.050	0.050	03/14/2016	ND	2.09	104	2.00	5.31	
Ethylbenzene*	1.38	0.050	03/14/2016	ND	1.87	93.6	2.00	4.18	
Total Xylenes*	0.398	0.150	03/14/2016	ND	5.70	95.1	6.00	3.38	
Total BTX	1.78	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 212 % 73.6-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/11/2016	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	42.3	10.0	03/12/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	1070	10.0	03/12/2016	ND	204	102	200	0.937	

Surrogate: 1-Chlorooctane 86.7 % 35-147

Surrogate: 1-Chlorooctadecane 98.4 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BTA Oil Producers
CLAY TIPTON
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 03/10/2016
Reported: 03/15/2016
Project Name: BYERS
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 03/10/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: #3 (H600523-03)

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	03/14/2016	ND	2.15	107	2.00	4.48	
Toluene*	<0.050	0.050	03/14/2016	ND	2.09	104	2.00	5.31	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.87	93.6	2.00	4.18	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.70	95.1	6.00	3.38	
Total BTX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	03/11/2016	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	200	100	200	2.14	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	220	110	200	2.22	

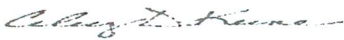
Surrogate: 1-Chlorooctane 71.0 % 35-147

Surrogate: 1-Chlorooctadecane 79.3 % 28-171

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***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BTA Oil Producers
 CLAY TIPTON
 103 South Pecos
 Midland TX, 79701
 Fax To: (432) 683-0312

 Received: 03/10/2016
 Reported: 03/15/2016
 Project Name: BYERS
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 03/10/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: #4 (H600523-04)

BTX 80218		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2016	ND	2.15	107	2.00	4.48	
Toluene*	<0.050	0.050	03/14/2016	ND	2.09	104	2.00	5.31	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.87	93.6	2.00	4.18	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.70	95.1	6.00	3.38	
Total BTX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 73 6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	03/11/2016	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	200	100	200	2.14	
DRO >C10-C28	14.5	10.0	03/12/2016	ND	220	110	200	2.22	

Surrogate: 1-Chlorooctane 82.4 % 35-147

Surrogate: 1-Chlorooctadecane 90.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BTA Oil Producers
CLAY TIPTON
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received:	03/10/2016	Sampling Date:	03/10/2016
Reported:	03/15/2016	Sampling Type:	Soil
Project Name:	BYERS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: #5 (H600523-05)

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	03/14/2016	ND	2.15	107	2.00	4.48	
Toluene*	<0.050	0.050	03/14/2016	ND	2.09	104	2.00	5.31	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.87	93.6	2.00	4.18	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.70	95.1	6.00	3.38	
Total BTEX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.6-140

Chloride, SM4500Cl-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	03/11/2016	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

GRO C6-C10	<10.0	10.0	03/12/2016	ND	200	100	200	2.14	
DRO >C10-C28	58.3	10.0	03/12/2016	ND	220	110	200	2.22	

Surrogate: 1-Chlorooctane 86.6 % 35-147

Surrogate: 1-Chlorooctadecane 90.6 % 28-171

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Celestine Keene

Celestine D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BTA Oil Producers
 CLAY TIPTON
 103 South Pecos
 Midland TX, 79701
 Fax To: (432) 683-0312

 Received: 03/10/2016
 Reported: 03/15/2016
 Project Name: BYERS
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 03/10/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: #6 - BACKGROUND (H600523-06)

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	03/14/2016	ND	2.15	107	2.00	4.48	
Toluene*	<0.050	0.050	03/14/2016	ND	2.09	104	2.00	5.31	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.87	93.6	2.00	4.18	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.70	95.1	6.00	3.38	
Total BTX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.6-140

Chloride, SM4500Cl-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	03/11/2016	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	200	100	200	2.14	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	220	110	200	2.22	

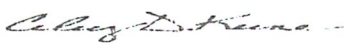
Surrogate: 1-Chlorooctane 88.9 % 35-147

Surrogate: 1-Chlorooctadecane 98.4 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- 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

Cardinal Laboratories

*=Accredited Analyte

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Ceiley D. Keene

Ceiley D. Keene, Lab Director/Quality Manager



Page 9 of 9

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

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+ Cardinal cannot accent verbal changes. Placea for written changes in 1575, 201, 294, 322

EXHIBIT D

July 13, 2016

CLAY TIPTON

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: BYERS

Enclosed are the results of analyses for samples received by the laboratory on 07/07/16 14:27.

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.

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:

BTA Oil Producers
CLAY TIPTON
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received:07/07/2016
Reported:07/13/2016
Project Name:BYERS
Project Number:NONE GIVEN
Project Location:LEA COUNTY, NM

Sampling Date:07/07/2016
Sampling Type:Soil
Sampling Condition:Cool & Intact
Sample Received By:Jodi Henson

Sample ID: SP2-3 (H601519-01)

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	07/11/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/11/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	78.8 %	35-147							
Surrogate: 1-Chlorooctadecane	78.3 %	28-171							

Sample ID: SP5-3 (H601519-02)

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	07/11/2016	ND	173	86.7	200	2.02	
DRO >C10-C28	<10.0	10.0	07/11/2016	ND	177	88.5	200	1.15	
Surrogate: 1-Chlorooctane	84.8 %	35-147							
Surrogate: 1-Chlorooctadecane	87.4 %	28-171							

Celely D. Keene

Celely 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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

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