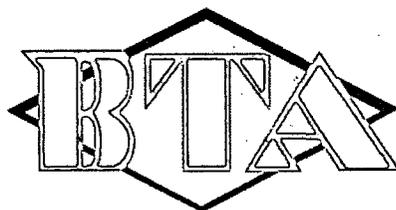


SITE REMEDIATION AND CLOSURE REPORT

**8808 JV-P Pardue D-2 Salt Water Disposal (SWD)
Unit "D", Section 11, Township 23 South and Range 28 East
3.0 miles northeast of the city of Loving to New Mexico
Eddy County, New Mexico**

Prepared for:
New Mexico Oil Conservation Division
1301 W. Grand Avenue
Artesia, New Mexico 88210



Prepared by:
BTA Oil Producers
104 S. Pecos
Midland, Texas 79701

April 2011



Joseph A. Baca, P.G
Environmental Coordinator

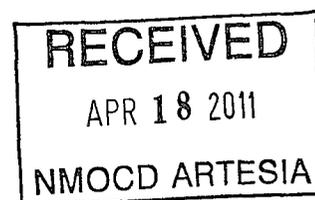


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- Appendix A: Completed C-141
Appendix B: Laboratory Analytical Reports

1.0 INTRODUCTION

BTA Oil Producers (BTA) is pleased to submit this Site Remediation and Closure Report (SRCR) for the BTA Pardue D-2 SWD (D-2) site remediation of produced fluids impacted soil. The D-2 is located in Eddy County approximately 3.0 miles northeast of the town site of Loving, New Mexico, Eddy County, New Mexico. The GPS coordinates are N 32° 19.480' and W 104° 3.877'. A Site Location Map is provided as FIGURE 1.

On Thursday, January 13, 2011 BTA dispatched equipment to address a release at the Pardue D-2 SWD. It was found that an unscheduled release of produced fluid occurred at the site. The volume of the release and the source of the release were unknown; however the limits of the release were delineated and ultimately remediated. A completed initial C-141 was submitted to the NMOCD on December 2010. A Final Report copy of the C-141 is included with this report in the Appendices as Appendix A.

1.1 Purpose of Report

The purpose of this report is to document remediation activities and present supporting analytical data to the NMOCD requesting remediation of the referenced produced water release accordance with the applicable NMOCD cleanup guidelines for produced water releases.

2.0 SUMMARY OF FIELD ACTIVITIES

2.1 Impacted Soil Removal

After a meeting with a NMOCD representative at the site, BTA, mobilized equipment to the site on the morning of Thursday, January 13, 2011. A backhoe and operator, and one (1) laborer were utilized to collect surface soil samples, submit them to an analytical laboratory and excavate impacted soil. Impacted soil was excavated and hauled to an approved disposal facility.

Visual and olfactory methods were used to delineate the impact to the site. Excavated impacted soil from the release was removed and shipped to Lea Land, LLC Disposal Facility. This material included only impacted soil from the site excavation, which measured approximately 26-feet long by approximately 22-feet wide by approximately 4-feet deep. A soil volume of approximately 84 yds³, that included impacted soil was removed from the site and transported to an approved disposal site. Approximately 88 yds³ of clean soil and caliche were trucked into the site and used to backfill the excavation.

2.2 Soil Sampling – Excavated Area

Laboratory submitted samples were placed in a new sterile glass container, equipped with a Teflon-lined lid furnished by the laboratory. The samples were labeled, placed on ice, chilled to a temperature of approximately 4°C and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis of DRO (Mod. 8015B), GRO (S 8015B), BTEX (8021 B) and Chlorides (SM 4500-CI B). Appropriate chain-of-custody documentation and shipping protocols were followed.

On January 13, 2011 eight (8) soil samples were collected from the surface and at 2-feet below ground surface (bgs) of the excavation. The samples were identified as SP1 @ Surface, SP1 @ 2', SP2 @ Surface, SP2 @ 2', SP3 @ Surface, SP3 @ 2', SP4 @ Surface, SP4 @ 2'. There were also two (2) soil samples collected approximately 200-feet south of the excavation identified as Background @ Surface and Background @ 2' (see Figure 2). All samples collected were submitted to a laboratory for DRO, GRO, BTEX and Chlorides analysis (see Table 1).

On February 8, 2011 five (5) soil samples were collected from 3-feet below ground surface (bgs) of the excavation. The samples were identified as SP1 @ 3', SP2 @ 3', SP3 @ 3', SP4 @ 3', and SP5 @ 3'

(see Figure 2). All samples collected were submitted to a laboratory for TPH, BTEX and Chlorides analysis.

On March 3, 2011 five (5) soil samples were collected from the excavation floor at approximately 3.5-feet below ground surface (bgs) of the excavation. The samples were identified as #1 NW Corner, #2 Middle, #3 SW Corner, #4 SE Corner, and #5 NE Corner (see Figure 2). All samples collected were submitted to a laboratory for DRO, GRO, BTEX and Chlorides analysis (see Table 1).

On March 21, 2011 five (5) soil samples were collected from the excavation floor at approximately 4-feet below ground surface (bgs) of the excavation. The samples were identified as NW Corner, NE Corner, Middle, SW Corner, and SE Corner (see Figure 2). All samples collected were submitted to a laboratory for DRO, GRO, BTEX and Chlorides analysis (see Table 1).

2.3 Analytical Results

On January 20, 2011 results were received for the soil samples collected on January 1, 2011. It was found that DRO, GRO, BTEX concentrations in the soil samples identified as SP1 @ Surface, SP1 @ 2', SP2 @ Surface, SP2 @ 2', SP3 @ Surface, SP3 @ 2', SP4 @ Surface, SP4 @ 2' were found to be below regulatory limits. The Chlorides analysis indicated that the samples identified as SP1 @ Surface, SP1 @ 2', SP2 @ Surface, SP2 @ 2', SP3 @ Surface, SP3 @ 2', SP4 @ Surface, SP4 @ 2' were found above regulatory limits (see Table 1).

On February 14, 2011 results were received for the soil samples collected on February 8, 2011 and it was found that DRO, GRO, BTEX concentrations in the soil samples identified as SP1 @ 3', SP2 @ 3', SP3 @ 3', SP4 @ 3', and SP5 @ 3' were found to be below regulatory limits. The Chlorides analysis indicated that the samples identified as SP1 @ 3', SP2 @ 3', SP3 @ 3', SP4 @ 3', and SP5 @ 3' were found above regulatory limits (see Table 1).

On March 9, 2011 results were received for the soil samples collected on March 3, 2011 and it was found that DRO, GRO, BTEX concentrations in the soil samples identified as #1 NW Corner, #2 Middle, #3 SW Corner, #4 SE Corner, and #5 NE Corner were found to be below regulatory limits. The Chlorides analysis indicated that the samples identified as #1 NW Corner, #2 Middle, #3 SW Corner, #4 SE Corner, and #5 NE Corner were found slightly elevated above regulatory limits (see Table 1).

On March 23, 2011 results were received for the soil samples collected on March 21, 2011 and it was found that DRO, GRO, BTEX concentrations in the soil samples identified as #1 NW Corner, #2 Middle, #3 SW Corner, #4 SE Corner, and #5 NE Corner were found to be below regulatory limits. The Chlorides analysis indicated that the samples identified as Middle, SW Corner, and SE Corner were found to be slightly above Background level of 336 mg/Kg (see Table 1).

2.4 SITE RESTORATION

Based on the confirmation soil samples collected from the site and analytical results of those samples and the written approval from the New Mexico Oil Conservation Division in Artesia, New Mexico, the site will be deemed clean, backfilled and the site will be restored to its original condition.

3.0 SUMMARY AND REQUEST FOR CLOSURE

Based on the laboratory analysis of soil samples collected from the site, impacted soil was removed, properly disposed at an approved disposal facility. The site was remediated to background limits applicable regulatory clean up levels. Upon approval by the NMOCD to close site clean soil from a

nearby source was used to backfill the excavation and close the project. Consequently, after backfill of the excavation no further action is recommended or planned for the site at this time. BTA requests that the NMOCD grant closure to the Pardue D-2 SWD release of produced fluids of March 29, 2006.

4.0 LIMITATIONS

BTA has prepared this Site Closure Report to the best of its ability. No other warranty, expressed or implied, is made or intended. BTA has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. BTA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. BTA has prepared this report in a professional manner, using a degree of skill and care. BTA also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared by BTA. The information contained in this report including all exhibits and attachments may not be used by any other party without the express written consent of BTA.

5.0 DISTRIBUTION

5.0 DISTRIBUTION
Site Remediation and Closure Report
BTA Oil Producers, LLC
Pardue D-2 SWD Battery
Eddy County, New Mexico

Copies 1-2
New Mexico Oil Conservation Division
1301 W. Grand Avenue
Artesia, New Mexico 88210

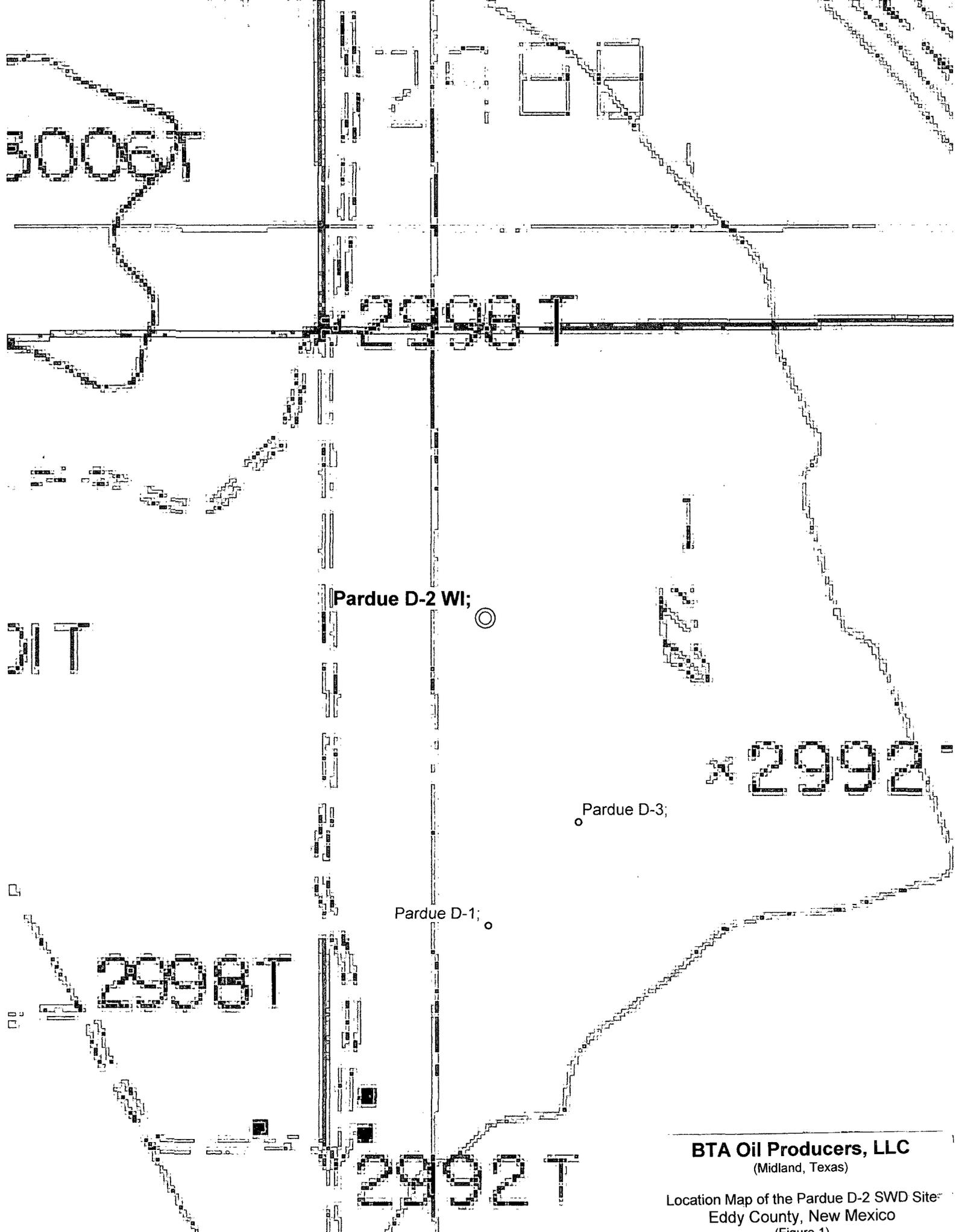
Copy 3
BTA Central File

COPY # _____

ATTACHMENTS

FIGURES

Figure 1



Pardue D-2 WI;



Pardue D-3;



Pardue D-1;



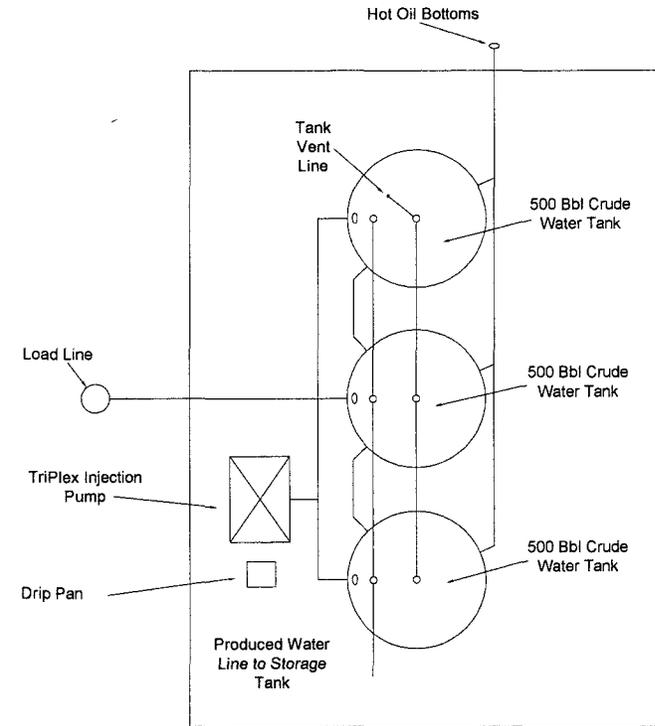
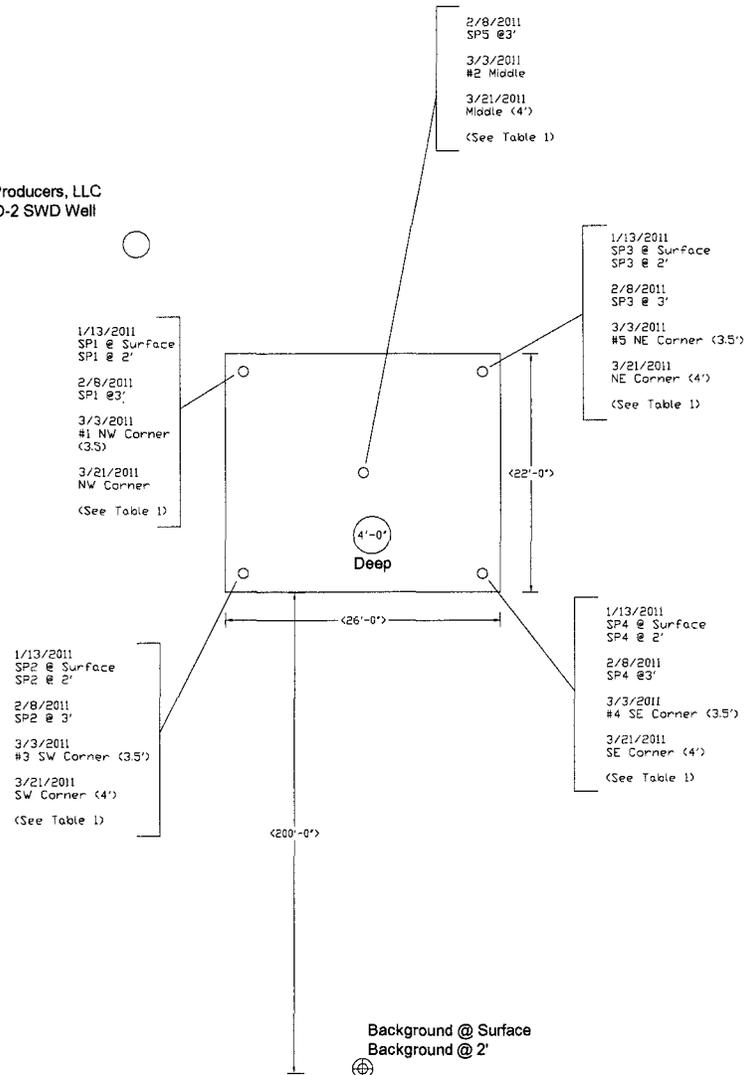
BTA Oil Producers, LLC
(Midland, Texas)

Location Map of the Pardue D-2 SWD Site
Eddy County, New Mexico
(Figure 1)

Figure 2



BTA Oil Producers, LLC
Pardue D-2 SWD Well



<h1 style="margin: 0;">BTA</h1>		<p style="margin: 0;">BTA Oil Producers Midland, Texas)</p> <p style="margin: 0;">BTA Oil Producers JV-P 8808, Pardue D-2 SWD Site (Figure 2)</p> <p style="margin: 0;">Unit Letter "D", Section 11, T23S, R28E Eddy County, New Mexico</p>	
0	04/15/2011	Scale: None Drawn by: jab	Date: 04/14/2011 Checked by: jab

TABLES

APPENDICES

Appendix A

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 LLC	Contact	Pam Inskeep
Address	104 S. Pecos, Midland, TX 79701	Telephone No.	(432) 682-3753
Facility Name	Pardue -D-, 8808 JV-P	Facility Type	Well

Surface Owner	Antonio & Gloria Onsurez	Mineral Owner	Antonio & Gloria Onsurez	Lease No.	
---------------	--------------------------	---------------	--------------------------	-----------	--

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	11	23S	28E	990	North	660	West	Eddy

NATURE OF RELEASE

Type of Release	Minor, produced fluid	Volume of Release est 0-20 bbls	Volume Recovered	0 bbls
Source of Release	unknown	Date and Hour of Occurrence on or before 03/29/2006	Date and Hour of Discovery	03/29/2006
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? ---		
By Whom?	---	Date and Hour ---		
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.*

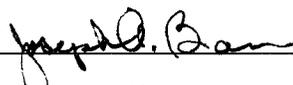
See attached remediation and closure report

Describe Area Affected and Cleanup Action Taken.*

See above explanation

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.

OIL CONSERVATION DIVISION

Signature:		Approved by District Supervisor:	
Printed Name:	Skip Baca	Approval Date:	Expiration Date:
Title:	Environmental Coordinator	Attached <input type="checkbox"/>	
Date:	04/13/2011	Phone:	(432) 682-3753

* Attach Additional Sheets If Necessary

Appendix B

January 20, 2011

CLAY TIPTON

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: PARDUE D 2

Enclosed are the results of analyses for samples received by the laboratory on 01/14/11 8:46.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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: 01/14/2011
 Reported: 01/20/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/13/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ SURFACE (H100099-01)

BTEX 8260B		mg/kg		Analyzed By: AB/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/19/2011	ND	1.85	92.5	2.00	5.62	
Toluene*	<0.100	0.100	01/19/2011	ND	1.87	93.3	2.00	3.47	
Ethylbenzene*	<0.100	0.100	01/19/2011	ND	1.78	89.0	2.00	1.12	
Total Xylenes*	<0.300	0.300	01/19/2011	ND	5.70	95.1	6.00	0.249	

Surrogate: Dibromofluoromethane 97.2 % 80-120
 Surrogate: Toluene-d8 105 % 80-120
 Surrogate: 4-Bromofluorobenzene 98.2 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	01/17/2011	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	01/15/2011	ND	224	112	200	0.319	
DRO >C10-C28	10500	50.0	01/15/2011	ND	160	80.1	200	3.86	

Surrogate: 1-Chlorooctane 99.7 % 70-130
 Surrogate: 1-Chlorooctadecane 109 % 70-130

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: 01/14/2011
 Reported: 01/20/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/13/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 2' (H100099-02)

BTEX 8260B		mg/kg		Analyzed By: AB/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	01/19/2011	ND	1.85	92.5	2.00	5.62		
Toluene*	<0.100	0.100	01/19/2011	ND	1.87	93.3	2.00	3.47		
Ethylbenzene*	<0.100	0.100	01/19/2011	ND	1.78	89.0	2.00	1.12		
Total Xylenes*	<0.300	0.300	01/19/2011	ND	5.70	95.1	6.00	0.249		

Surrogate: Dibromofluoromethane 99.1 % 80-120
 Surrogate: Toluene-d8 107 % 80-120
 Surrogate: 4-Bromofluorobenzene 102 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	01/17/2011	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/15/2011	ND	224	112	200	0.319		
DRO >C10-C28	55.7	10.0	01/15/2011	ND	160	80.1	200	3.86		

Surrogate: 1-Chlorooctane 94.0 % 70-130
 Surrogate: 1-Chlorooctadecane 95.9 % 70-130

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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: 01/14/2011
 Reported: 01/20/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/13/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ SURFACE (H100099-03)

BTEX 8260B		mg/kg		Analyzed By: AB/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/19/2011	ND	1.85	92.5	2.00	5.62	
Toluene*	<0.100	0.100	01/19/2011	ND	1.87	93.3	2.00	3.47	
Ethylbenzene*	<0.100	0.100	01/19/2011	ND	1.78	89.0	2.00	1.12	
Total Xylenes*	<0.300	0.300	01/19/2011	ND	5.70	95.1	6.00	0.249	

Surrogate: Dibromofluoromethane 103 % 80-120
 Surrogate: Toluene-d8 103 % 80-120
 Surrogate: 4-Bromofluorobenzene 102 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13000	16.0	01/17/2011	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/15/2011	ND	224	112	200	0.319	
DRO >C10-C28	111	10.0	01/15/2011	ND	160	80.1	200	3.86	

Surrogate: 1-Chlorooctane 98.1 % 70-130
 Surrogate: 1-Chlorooctadecane 99.2 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Caley 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: 01/14/2011
 Reported: 01/20/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/13/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ 2' (H100099-04)

BTEX 8260B

mg/kg

Analyzed By: AB/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/19/2011	ND	1.85	92.5	2.00	5.62	
Toluene*	<0.100	0.100	01/19/2011	ND	1.87	93.3	2.00	3.47	
Ethylbenzene*	<0.100	0.100	01/19/2011	ND	1.78	89.0	2.00	1.12	
Total Xylenes*	<0.300	0.300	01/19/2011	ND	5.70	95.1	6.00	0.249	

Surrogate: Dibromofluoromethane 106 % 80-120

Surrogate: Toluene-d8 105 % 80-120

Surrogate: 4-Bromofluorobenzene 101 % 80-120

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	01/17/2011	ND	432	108	400	3.77	

TPH 8015M

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/15/2011	ND	224	112	200	0.319	
DRO >C10-C28	<10.0	10.0	01/15/2011	ND	160	80.1	200	3.86	

Surrogate: 1-Chlorooctane 89.0 % 70-130

Surrogate: 1-Chlorooctadecane 93.5 % 70-130

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: 01/14/2011
 Reported: 01/20/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/13/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ SURFACE (H100099-05)

BTEX 8260B		mg/kg		Analyzed By: AB/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	01/19/2011	ND	1.85	92.5	2.00	5.62		
Toluene*	<0.100	0.100	01/19/2011	ND	1.87	93.3	2.00	3.47		
Ethylbenzene*	<0.100	0.100	01/19/2011	ND	1.78	89.0	2.00	1.12		
Total Xylenes*	<0.300	0.300	01/19/2011	ND	5.70	95.1	6.00	0.249		

Surrogate: Dibromofluoromethane 104 % 80-120
 Surrogate: Toluene-d8 103 % 80-120
 Surrogate: 4-Bromofluorobenzene 101 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	01/17/2011	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/15/2011	ND	224	112	200	0.319		
DRO >C10-C28	<10.0	10.0	01/15/2011	ND	160	80.1	200	3.86		

Surrogate: 1-Chlorooctane 91.8 % 70-130
 Surrogate: 1-Chlorooctadecane 92.0 % 70-130

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: 01/14/2011
 Reported: 01/20/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/13/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 2' (H100099-06)

BTEX 8260B		mg/kg		Analyzed By: AB/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/19/2011	ND	1.85	92.5	2.00	5.62	
Toluene*	<0.100	0.100	01/19/2011	ND	1.87	93.3	2.00	3.47	
Ethylbenzene*	<0.100	0.100	01/19/2011	ND	1.78	89.0	2.00	1.12	
Total Xylenes*	<0.300	0.300	01/19/2011	ND	5.70	95.1	6.00	0.249	

Surrogate: Dibromofluoromethane 104 % 80-120
 Surrogate: Toluene-d8 106 % 80-120
 Surrogate: 4-Bromofluorobenzene 111 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/17/2011	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/15/2011	ND	224	112	200	0.319	
DRO >C10-C28	<10.0	10.0	01/15/2011	ND	160	80.1	200	3.86	

Surrogate: 1-Chlorooctane 93.1 % 70-130
 Surrogate: 1-Chlorooctadecane 99.6 % 70-130

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Caley 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: 01/14/2011
 Reported: 01/20/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/13/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ SURFACE (H100099-07)

BTEX 8260B		mg/kg		Analyzed By: AB/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	01/19/2011	ND	1.85	92.5	2.00	5.62		
Toluene*	<0.100	0.100	01/19/2011	ND	1.87	93.3	2.00	3.47		
Ethylbenzene*	<0.100	0.100	01/19/2011	ND	1.78	89.0	2.00	1.12		
Total Xylenes*	<0.300	0.300	01/19/2011	ND	5.70	95.1	6.00	0.249		

Surrogate: Dibromofluoromethane 107 % 80-120
 Surrogate: Toluene-d8 109 % 80-120
 Surrogate: 4-Bromofluorobenzene 105 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	01/17/2011	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/15/2011	ND	224	112	200	0.319		
DRO >C10-C28	<10.0	10.0	01/15/2011	ND	160	80.1	200	3.86		

Surrogate: 1-Chlorooctane 109 % 70-130
 Surrogate: 1-Chlorooctadecane 108 % 70-130

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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: 01/14/2011
 Reported: 01/20/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/13/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 2' (H100099-08)

BTEX 8260B		mg/kg		Analyzed By: AB/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	01/19/2011	ND	1.85	92.5	2.00	5.62		
Toluene*	<0.100	0.100	01/19/2011	ND	1.87	93.3	2.00	3.47		
Ethylbenzene*	<0.100	0.100	01/19/2011	ND	1.78	89.0	2.00	1.12		
Total Xylenes*	<0.300	0.300	01/19/2011	ND	5.70	95.1	6.00	0.249		

Surrogate: Dibromofluoromethane 103 % 80-120
 Surrogate: Toluene-d8 106 % 80-120
 Surrogate: 4-Bromofluorobenzene 106 % 80-120

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	01/17/2011	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/15/2011	ND	224	112	200	0.319		
DRO >C10-C28	<10.0	10.0	01/15/2011	ND	160	80.1	200	3.86		

Surrogate: 1-Chlorooctane 84.0 % 70-130
 Surrogate: 1-Chlorooctadecane 87.3 % 70-130

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Caley 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: 01/14/2011
 Reported: 01/20/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 01/13/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BACKGROUND @ SURFACE (H100099-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/17/2011	ND	432	108	400	3.77	

Sample ID: BACKGROUND @ 2' (H100099-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/17/2011	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BTH Oil Products		BILL TO		ANALYSIS REQUEST	
Project Manager: Clay Tipton		P.O. #:			
Address: 104 S. Pelos		Company: BTH Oil Products			
City: Midland State: TX Zip: 79701		Attn: Clay Tipton			
Phone #: 75-369-5184 Fax #:		Address:			
Project #:		City:			
Project Name: PARQUE D#2		State: Zip:			
Project Location: PARQUE D#2		Phone #:			
Sampler Name: Shanon Risk		Fax #:			

Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX					PRESERV		SAMPLING			
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME
H100094-1	SP1 @ Surface	1			X						1/13/11	8:50	TPH 418-1 8015A BTEX CL-
2	SP1 @ 2'	1			X						11	8:58	
3	SP2 @ Surface	1			X						11	9:50	
4	SP2 @ 2'	1			X						11	9:55	
5	SP3 @ Surface	1			X						11	10:31	
6	SP3 @ 2'	1			X						11	10:44	
7	SP4 @ Surface	1			X						11	11:56	
8	SP4 @ 2'	1			X						11	11:59	
9	Background Surface	1			X						11	11:50	
10	Background @ 2'	1			X						11	11:52	

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Relinquished By: <i>[Signature]</i>	Date: 1-13-11	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Add'l Phone #: _____)
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Add'l Fax #: _____)
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i>	REMARKS: SRISK@WINDSTREAM.NET

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26

February 14, 2011

CLAY TIPTON

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: PARDUE D 2

Enclosed are the results of analyses for samples received by the laboratory on 02/08/11 13:17.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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: 02/08/2011
 Reported: 02/14/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 02/08/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 3' (H100245-01)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.160	0.050	02/09/2011	ND	2.02	101	2.00	1.63	
Toluene*	0.061	0.050	02/09/2011	ND	2.01	101	2.00	1.67	
Ethylbenzene*	<0.050	0.050	02/09/2011	ND	2.05	103	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2011	ND	6.09	101	6.00	0.436	

Surrogate: 4-Bromofluorobenzene (PII) 99.4 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/09/2011	ND	416	104	400	3.77	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	02/14/2011	ND	1320	111	1190	2.99	

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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: 02/08/2011
 Reported: 02/14/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 02/08/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ 3' (H100245-02)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.060	0.050	02/09/2011	ND	2.02	101	2.00	1.63	
Toluene*	<0.050	0.050	02/09/2011	ND	2.01	101	2.00	1.67	
Ethylbenzene*	<0.050	0.050	02/09/2011	ND	2.05	103	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2011	ND	6.09	101	6.00	0.436	

Surrogate: 4-Bromofluorobenzene (PIL) 94.9% 70-130

Chloride, SM4500CI-B		mg/kg		Analyzed By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	02/09/2011	ND	416	104	400	3.77	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	02/14/2011	ND	1320	111	1190	2.99	

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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: 02/08/2011
Reported: 02/14/2011
Project Name: PARDUE D 2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/08/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 3' (H100245-03)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2011	ND	2.02	101	2.00	1.63	
Toluene*	<0.050	0.050	02/09/2011	ND	2.01	101	2.00	1.67	
Ethylbenzene*	<0.050	0.050	02/09/2011	ND	2.05	103	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2011	ND	6.09	101	6.00	0.436	

Surrogate: 4-Bromofluorobenzene (PIL) 100 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	02/09/2011	ND	416	104	400	3.77	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	02/14/2011	ND	1320	111	1190	2.99	

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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: 02/08/2011
 Reported: 02/14/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 02/08/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 3' (H100245-04)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2011	ND	2.02	101	2.00	1.63	
Toluene*	<0.050	0.050	02/09/2011	ND	2.01	101	2.00	1.67	
Ethylbenzene*	<0.050	0.050	02/09/2011	ND	2.05	103	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2011	ND	6.09	101	6.00	0.436	

Surrogate: 4-Bromofluorobenzene (PIL) 96.9 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	02/09/2011	ND	416	104	400	3.77	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	02/14/2011	ND	1320	111	1190	2.99	

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: 02/08/2011
 Reported: 02/14/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 02/08/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 5 @ 3' (H100245-05)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2011	ND	2.02	101	2.00	1.63	
Toluene*	<0.050	0.050	02/09/2011	ND	2.01	101	2.00	1.67	
Ethylbenzene*	<0.050	0.050	02/09/2011	ND	2.05	103	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2011	ND	6.09	101	6.00	0.436	

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: LR					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	02/09/2011	ND	416	104	400	3.77	

TPH 418.1		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<100	100	02/14/2011	ND	1320	111	1190	2.99	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

March 09, 2011

CLAY TIPTON

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: PARDUE D 2

Enclosed are the results of analyses for samples received by the laboratory on 03/03/11 13:50.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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:	03/03/2011	Sampling Date:	03/03/2011
Reported:	03/09/2011	Sampling Type:	Soil
Project Name:	PARDUE D 2	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOVING		

Sample ID: #1 N W CORNER (H100425-01)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2011	ND	1.66	83.0	2.00	6.61		
Toluene*	<0.050	0.050	03/04/2011	ND	1.71	85.4	2.00	8.37		
Ethylbenzene*	<0.050	0.050	03/04/2011	ND	1.74	86.9	2.00	9.49		
Total Xylenes*	<0.150	0.150	03/04/2011	ND	5.13	85.6	6.00	9.59		

Surrogate: 4-Bromofluorobenzene (PIL) 98.4 % 70-130

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	03/04/2011	ND	432	108	400	3.77		

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	03/04/2011	ND	192	96.0	200	1.89		
DRO >C10-C28	<10.0	10.0	03/04/2011	ND	189	94.5	200	4.31		

Surrogate: 1-Chlorooctane 112 % 70-130

Surrogate: 1-Chlorooctadecane 111 % 70-130

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: 03/03/2011
 Reported: 03/09/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: LOVING

 Sampling Date: 03/03/2011
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: #2 MIDDLE (H100425-02)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2011	ND	1.66	83.0	2.00	6.61		
Toluene*	<0.050	0.050	03/04/2011	ND	1.71	85.4	2.00	8.37		
Ethylbenzene*	<0.050	0.050	03/04/2011	ND	1.74	86.9	2.00	9.49		
Total Xylenes*	<0.150	0.150	03/04/2011	ND	5.13	85.6	6.00	9.59		

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	03/04/2011	ND	432	108	400	3.77		

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	03/04/2011	ND	192	96.0	200	1.89		
DRO >C10-C28	<10.0	10.0	03/04/2011	ND	189	94.5	200	4.31		

Surrogate: 1-Chlorooctane 107 % 70-130

Surrogate: 1-Chlorooctadecane 108 % 70-130

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:	03/03/2011	Sampling Date:	03/03/2011
Reported:	03/09/2011	Sampling Type:	Soil
Project Name:	PARDUE D 2	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOVING		

Sample ID: #3 S W CORNER (H100425-03)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2011	ND	1.66	83.0	2.00	6.61		
Toluene*	<0.050	0.050	03/04/2011	ND	1.71	85.4	2.00	8.37		
Ethylbenzene*	<0.050	0.050	03/04/2011	ND	1.74	86.9	2.00	9.49		
Total Xylenes*	0.161	0.150	03/04/2011	ND	5.13	85.6	6.00	9.59		

Surrogate: 4-Bromofluorobenzene (PIL) 97.0 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	03/04/2011	ND	432	108	400	3.77		

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	03/04/2011	ND	192	96.0	200	1.89		
DRO >C10-C28	13.7	10.0	03/04/2011	ND	189	94.5	200	4.31		

Surrogate: 1-Chlorooctane 100 % 70-130

Surrogate: 1-Chlorooctadecane 95.3 % 70-130

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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:	03/03/2011	Sampling Date:	03/03/2011
Reported:	03/09/2011	Sampling Type:	Soil
Project Name:	PARDUE D 2	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOVING		

Sample ID: # 4 S E CORNER (H100425-04)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2011	ND	1.66	83.0	2.00	6.61		
Toluene*	<0.050	0.050	03/04/2011	ND	1.71	85.4	2.00	8.37		
Ethylbenzene*	<0.050	0.050	03/04/2011	ND	1.74	86.9	2.00	9.49		
Total Xylenes*	<0.150	0.150	03/04/2011	ND	5.13	85.6	6.00	9.59		

Surrogate: 4-Bromofluorobenzene (PIL) 98.6% 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	03/04/2011	ND	432	108	400	3.77		

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	03/04/2011	ND	192	96.0	200	1.89		
DRO >C10-C28	<10.0	10.0	03/04/2011	ND	189	94.5	200	4.31		

Surrogate: 1-Chlorooctane 104% 70-130

Surrogate: 1-Chlorooctadecane 104% 70-130

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: 03/03/2011
 Reported: 03/09/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: LOVING

 Sampling Date: 03/03/2011
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: #5 N E CORNER (H100425-05)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2011	ND	1.66	83.0	2.00	6.61		
Toluene*	<0.050	0.050	03/04/2011	ND	1.71	85.4	2.00	8.37		
Ethylbenzene*	<0.050	0.050	03/04/2011	ND	1.74	86.9	2.00	9.49		
Total Xylenes*	<0.150	0.150	03/04/2011	ND	5.13	85.6	6.00	9.59		

Surrogate: 4-Bromofluorobenzene (PIL) 99.2 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	03/04/2011	ND	432	108	400	3.77		

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	03/04/2011	ND	192	96.0	200	1.89		
DRO >C10-C28	69.1	10.0	03/04/2011	ND	189	94.5	200	4.31		

Surrogate: 1-Chlorooctane 101 % 70-130

Surrogate: 1-Chlorooctadecane 108 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

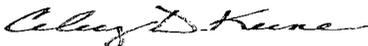
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

March 23, 2011

CLAY TIPTON

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: PARDUE D 2

Enclosed are the results of analyses for samples received by the laboratory on 03/21/11 11:22.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

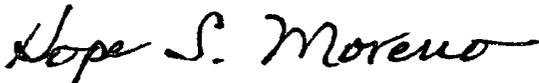
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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



Hope Moreno

Inorganic Technical Director

Analytical Results For:

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

 Received: 03/21/2011
 Reported: 03/23/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: LOVING

 Sampling Date: 03/21/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: MIDDLE (H100540-01)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2011	ND	1.73	86.3	2.00	6.57		
Toluene*	0.054	0.050	03/21/2011	ND	1.80	89.9	2.00	6.23		
Ethylbenzene*	<0.050	0.050	03/21/2011	ND	1.85	92.7	2.00	6.70		
Total Xylenes*	<0.150	0.150	03/21/2011	ND	5.51	91.8	6.00	6.51		

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 70-130

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	03/23/2011	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/22/2011	ND	212	106	200	4.64		
DRO >C10-C28	<10.0	10.0	03/22/2011	ND	212	106	200	2.92		

Surrogate: 1-Chlorooctane 115 % 70-130

Surrogate: 1-Chlorooctadecane 115 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Hope Moreno, Inorganic Technical Director

Analytical Results For:

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

 Received: 03/21/2011
 Reported: 03/23/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: LOVING

 Sampling Date: 03/21/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S W CORNER (H100540-02)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2011	ND	1.73	86.3	2.00	6.57		
Toluene*	<0.050	0.050	03/21/2011	ND	1.80	89.9	2.00	6.23		
Ethylbenzene*	<0.050	0.050	03/21/2011	ND	1.85	92.7	2.00	6.70		
Total Xylenes*	<0.150	0.150	03/21/2011	ND	5.51	91.8	6.00	6.51		

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	03/23/2011	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/22/2011	ND	212	106	200	4.64		
DRO >C10-C28	<10.0	10.0	03/22/2011	ND	212	106	200	2.92		

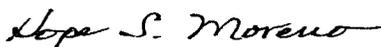
Surrogate: 1-Chlorooctane 112 % 70-130

Surrogate: 1-Chlorooctadecane 107 % 70-130

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* = Accredited Analyte

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Hope Moreno, Inorganic Technical Director

Analytical Results For:

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

Received:	03/21/2011	Sampling Date:	03/21/2011
Reported:	03/23/2011	Sampling Type:	Soil
Project Name:	PARDUE D 2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOVING		

Sample ID: N W CORNER (H100540-03)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2011	ND	1.68	84.1	2.00	0.186		
Toluene*	<0.050	0.050	03/23/2011	ND	1.77	88.6	2.00	1.26		
Ethylbenzene*	<0.050	0.050	03/23/2011	ND	1.84	91.9	2.00	0.999		
Total Xylenes*	<0.150	0.150	03/23/2011	ND	5.46	91.0	6.00	0.989		

Surrogate: 4-Bromofluorobenzene (PII) 96.6 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	03/23/2011	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/22/2011	ND	212	106	200	4.64		
DRO >C10-C28	<10.0	10.0	03/22/2011	ND	212	106	200	2.92		

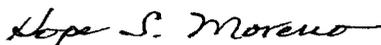
Surrogate: 1-Chlorooctane 116 % 70-130

Surrogate: 1-Chlorooctadecane 111 % 70-130

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Hope Moreno, Inorganic Technical Director

Analytical Results For:

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

Received:	03/21/2011	Sampling Date:	03/21/2011
Reported:	03/23/2011	Sampling Type:	Soil
Project Name:	PARDUE D 2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOVING		

Sample ID: S E CORNER (H100540-04)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2011	ND	1.73	86.3	2.00	6.57		
Toluene*	<0.050	0.050	03/21/2011	ND	1.80	89.9	2.00	6.23		
Ethylbenzene*	<0.050	0.050	03/21/2011	ND	1.85	92.7	2.00	6.70		
Total Xylenes*	<0.150	0.150	03/21/2011	ND	5.51	91.8	6.00	6.51		

Surrogate: 4-Bromofluorobenzene (PII) 100 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	03/23/2011	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/22/2011	ND	212	106	200	4.64		
DRO >C10-C28	<10.0	10.0	03/22/2011	ND	212	106	200	2.92		

Surrogate: 1-Chlorooctane 113 % 70-130

Surrogate: 1-Chlorooctadecane 111 % 70-130

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Analytical Results For:

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

 Received: 03/21/2011
 Reported: 03/23/2011
 Project Name: PARDUE D 2
 Project Number: NONE GIVEN
 Project Location: LOVING

 Sampling Date: 03/21/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: N E CORNER (H100540-05)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2011	ND	1.73	86.3	2.00	6.57		
Toluene*	<0.050	0.050	03/21/2011	ND	1.80	89.9	2.00	6.23		
Ethylbenzene*	<0.050	0.050	03/21/2011	ND	1.85	92.7	2.00	6.70		
Total Xylenes*	<0.150	0.150	03/21/2011	ND	5.51	91.8	6.00	6.51		

Surrogate: 4-Bromofluorobenzene (PII) 102 % 70-130

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	03/23/2011	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/22/2011	ND	212	106	200	4.64		
DRO >C10-C28	<10.0	10.0	03/22/2011	ND	212	106	200	2.92		

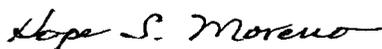
Surrogate: 1-Chlorooctane 104 % 70-130

Surrogate: 1-Chlorooctadecane 98.5 % 70-130

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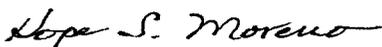
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Hope Moreno, Inorganic Technical Director



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>BTA OIL</u>		BILL TO		ANALYSIS REQUEST																	
Project Manager: <u>Mike Taylor</u>		P.O. #:																			
Address: <u>704 S. Power</u>		Company:																			
City: <u>Madrid, NM</u> State: <u>NM</u> Zip: <u>79204</u>		Attn:																			
Phone #: <u>505-482-3203</u> Fax #:		Address:																			
Project #: _____ Project Owner: <u>BTA</u>		City:																			
Project Name: <u>Padre DR</u>		State: _____ Zip: _____																			
Project Location: <u>W-11</u>		Phone #:																			
Sampler Name: _____		Fax #:																			
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING																
		GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER:	DATE	TIME	TPH	TOX	CL							
H100531	Middle	5							3/21/11	10:00											
	2 SW corner																				
	3 NW corner																				
	4 SE corner																				
	5 NE corner																				

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Relinquished By: <u>[Signature]</u>	Date: <u>3/21/11</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: _____	Date: _____	Received By: _____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <u>GA</u>	
REMARKS: email results to: <u>[Email]</u>				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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