



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

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)

BTX 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

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.



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

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.



Celey D. Keene, Lab Director/Quality Manager



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

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

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.

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 @ 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

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.



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

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.



Celey D. Keene, Lab Director/Quality Manager



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

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

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.

Celey D. Keene, Lab Director/Quality Manager



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

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

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.

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

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, Lab Director/Quality Manager



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

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	

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.

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

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.



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: <u>BTA Oil Products</u>				BILL TO				ANALYSIS REQUEST														
Project Manager: <u>Clay Tipton</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 41818015A</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL</div> </div>														
Address: <u>104 S. Pecos</u>				Company: <u>BTA Oil Products</u>																		
City: <u>Midland</u> State: <u>TX</u> Zip: <u>79701</u>				Attn: <u>Clay Tipton</u>																		
Phone #: <u>325-369-5184</u> Fax #:				Address:																		
Project #: _____ Project Owner:				City:																		
Project Name: <u>PARQUE D#2</u>				State: _____ Zip: _____																		
Project Location: <u>PARQUE D#2</u>				Phone #:																		
Sampler Name: <u>Shanon Rusk</u>				Fax #:																		
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING														
Lab I.D.	Sample I.D.	(GRAB OR C/COMP)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME								
H10009-1	SP1 @ Surface	1	1			X							1-13-11	8:50								
2	SP1 @ 2'	1	1			X							11	8:58								
3	SP2 @ Surface	1	1			X							11	9:50								
4	SP2 @ 2'	1	1			X							11	9:55								
5	SP3 @ Surface	1	1			X							11	10:31								
6	SP3 @ 2'	1	1			X							11	10:41								
7	SP4 @ Surface	1	1			X							11	11:56								
8	SP4 @ 2'	1	1			X							11	11:59								
9	Background @ Surface	1	1			X							11	11:50								
10	Background @ 2'	1	1			X							11	11:52								

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for this 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 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 or its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>[Signature]</u>	Date: <u>1-14-11</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 #:
Time:			REMARKS: <u>SRUSK @ WINDSTREAM.NET</u>	
Delivered By: (Circle One)		Sample Condition	CHECKED BY: <u>[Signature]</u>	
Sampler - UPS - Bus - Other:		<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		

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