

November 02, 2010

AMANDA TRUJILLO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: FEDERAL CW-B #4

Enclosed are the results of analyses for samples received by the laboratory on 10/27/10 10:40.

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:

Yates Energy Petroleum Corp
AMANDA TRUJILLO
105 S 4th Street
Artesia NM, 88210
Fax To: (505) 748-4635

Received: 10/27/2010
Reported: 11/02/2010
Project Name: FEDERAL CW-B #4
Project Number: NONE GIVEN
Project Location: FEDERAL CW-B #4

Sampling Date: 10/25/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: WEST COMPOSITE (H021156-01)

BTX 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	10/29/2010	ND	2.05	102	2.00			
Toluene*	0.065	0.050	10/29/2010	ND	1.85	92.4	2.00			
Ethylbenzene*	<0.050	0.050	10/29/2010	ND	1.75	87.3	2.00			
Total Xylenes*	<0.150	0.150	10/29/2010	ND	5.25	87.4	6.00			

Surrogate: 4-Bromofluorobenzene (PIL) 88.9 % 80-120

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	10/29/2010	ND	166	82.8	200	6.29		
DRO >C10-C28	75.9	10.0	10/29/2010	ND	187	93.4	200	6.33		

Surrogate: 1-Chlorooctane 104 % 70-130

Surrogate: 1-Chlorooctadecane 103 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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Sampling Date: 10/25/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: EAST COMPOSITE (H021156-02)

BTX 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	11/01/2010	ND	2.13	106	2.00			
Toluene*	<0.050	0.050	11/01/2010	ND	1.92	96.2	2.00			
Ethylbenzene*	<0.050	0.050	11/01/2010	ND	1.81	90.4	2.00			
Total Xylenes*	<0.150	0.150	11/01/2010	ND	5.43	90.4	6.00			

Surrogate: 4-Bromofluorobenzene (PIL) 99.4 % 80-120

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	10/29/2010	ND	166	82.8	200	6.29		
DRO >C10-C28	166	10.0	10/29/2010	ND	187	93.4	200	6.33		

Surrogate: 1-Chlorooctane 110 % 70-130

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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 RECORD AND ANALYSIS REQUEST

Project Manager: Amanda Trujillo

Project Name: Federal CW-B #4

Comp: (505) 393-2326 Yates Petroleum Corporation

Project #: _____

Company Address: 105 South 4th Street

Project Loc: Federal CW-B #4

City/State/Zip: Artesia, NM 88210

PO #: _____

Telephone No: 575-748-4310

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: _____

e-mail: atrujillo@yatespetroleum.com

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

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Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	10/28/2010	ND	432	108	400	0.00		

Sample ID: EAST COMPOSITE (H021156-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	10/28/2010	ND	432	108	400	0.00		

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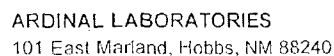
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