

YATES PETROLEUM CORPORATION

Foster AN #2 & #3 Battery
Prop #025900-B01

Monday, July 30, 2012

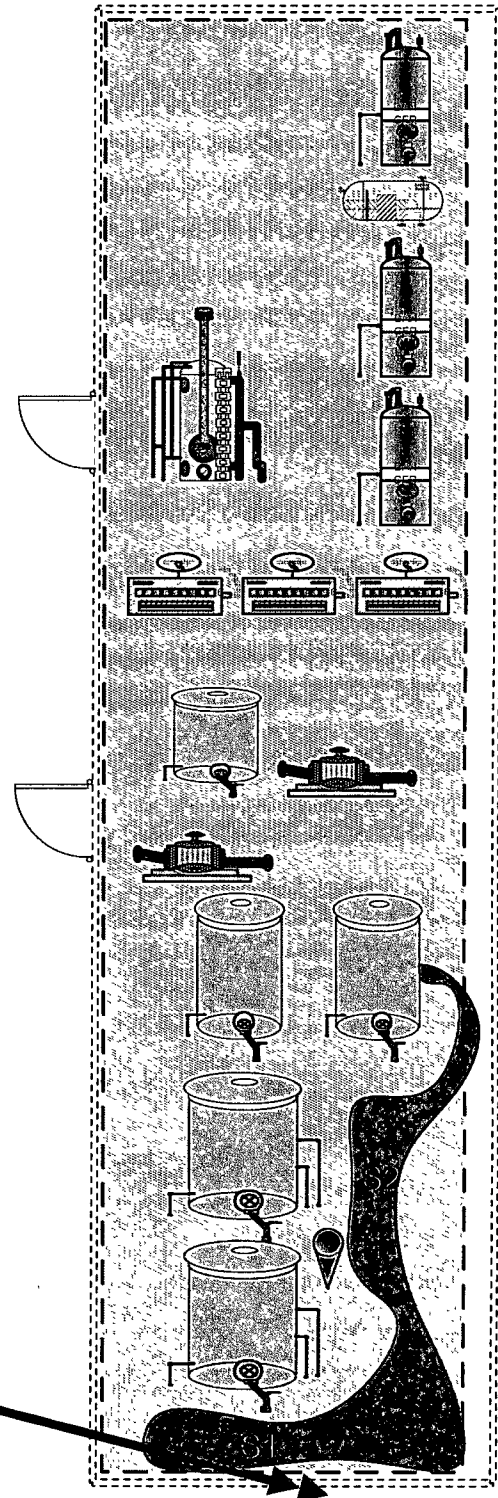
NW

NE

RECEIVED

AUG 02 2012

NMOCD ARTESIA



SW

SE

Foster AN #2 Battery

Analytical Report H201014	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
S1-3'	7/17/2012	3'	ND	ND	ND	ND	128
S1-5'	7/17/2012	5'	ND	ND	ND	ND	128
S1-7'	7/17/2012	7'	ND	ND	ND	ND	160

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 300', per NMOSE).

All results are ppm.Chlorides for documentation.

Released: 145 B/PW, Recovered: 130 B/PW. Release Date: 7/12/2012



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

July 30, 2012

LUPE CARRASCO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: FOSTER AN #2 & #3 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/23/12 14:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink, reading "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	07/23/2012	Sampling Date:	07/17/2012
Reported:	07/30/2012	Sampling Type:	Soil
Project Name:	FOSTER AN #2 & #3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	103-163	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1 - 3' (H201697-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/27/2012	ND	400	100	400	3.92	

Sample ID: S1 - 5' (H201697-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/27/2012	ND	400	100	400	3.92	

Sample ID: S1 - 7' (H201697-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/27/2012	ND	400	100	400	3.92	

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

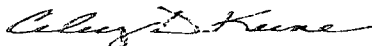
Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

(505) 393-2326 FAX (505) 393-2476

e-mail: lcarrasco@hotmail.com

Page 4 of 4

July 30, 2012

LUPE CARRASCO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

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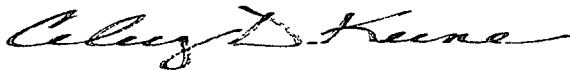
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Lab Director/Quality Manager

Analytical Results For:

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

 Received: 07/23/2012
 Reported: 07/30/2012
 Project Name: FOSTER AN #2 & #3 BATTERY
 Project Number: 103-163
 Project Location: NOT GIVEN

 Sampling Date: 07/17/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S1 - 3' (H201697-01)

BTEX 8021B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2012	ND	1.86	93.1	2.00	0.467	
Toluene*	<0.050	0.050	07/27/2012	ND	1.88	93.9	2.00	0.0101	
Ethylbenzene*	<0.050	0.050	07/27/2012	ND	1.92	95.8	2.00	0.396	
Total Xylenes*	<0.150	0.150	07/27/2012	ND	5.76	95.9	6.00	0.493	

Surrogate 4-Bromofluorobenzene (PIE) 103 % 89.4-126

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/26/2012	ND	194	97.2	200	4.53	
DRO >C10-C28	<50.0	50.0	07/26/2012	ND	222	111	200	11.1	

Surrogate 1-Chlorooctane 73.3 % 65.2-140

Surrogate 1-Chlorooctadecane 104 % 63.6-154

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*=Accredited Analyte

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 Reported: 07/30/2012
 Project Name: FOSTER AN #2 & #3 BATTERY
 Project Number: 103-163
 Project Location: NOT GIVEN

 Sampling Date: 07/17/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S1 - 5' (H201697-02)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2012	ND	1.86	93.1	2.00	0.467	
Toluene*	<0.050	0.050	07/27/2012	ND	1.88	93.9	2.00	0.0101	
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TPH 8015M		mg/kg		Analyzed By: MS					
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GRO C6-C10	<50.0	50.0	07/26/2012	ND	194	97.2	200	4.53	
DRO >C10-C28	<50.0	50.0	07/26/2012	ND	222	111	200	11.1	

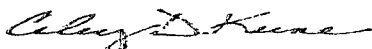
Surrogate: 1-Chlorooctane 94.8 % 65 2-140

Surrogate: 1-Chlorooctadecane 123 % 63 6-154

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* = Accredited Analyte

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 Project Location: NOT GIVEN

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 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

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BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2012	ND	1.86	93.1	2.00	0.467	
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Surrogate 1-Chlorooctane 84.7 % 65.2-140

Surrogate 1-Chlorooctadecane 118 % 63.6-154

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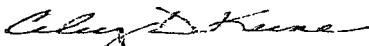
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Celey D. Keene, Lab Director/Quality Manager

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Lupe Carrasco

Project Name: Foster AN #2 & #3 Battery

Comp: (505) 393-2326 Yates Petroleum Corporation

Project #:

Company Address: 105 South 4th Street

Project Loc:

City/State/Zip: Artesia, NM 88210

PO #: 103-163

Telephone No: 575-748-4350

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: 

e-mail: lcarrasco@hotmail.com

(lab use only)

ORDER #: 1201697

[illegible]**Special Instructions:**

The following table shows the results of the analysis of variance for the effect of the different factors on the yield of the different crops.

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier?	UPS	DHL
	FedEx	Lone Star

Temperature Upon Receipt: 110 °C

Relinquished by <i>R. C. C. C. C.</i>	Date <i>7/23/12</i>	Time <i>3:45pm</i>	Received by <i>Hadi Jensen</i>	Date <i>7/23/12</i>	Time <i>2:35</i>
Relinquished by	Date	Time	Received by	Date	Time

Relinquished by.	Date	Time	Received by	Date	Time
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Relinquished by:	Date	Time	Received by ELOT.	Date	Time
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