



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

August 06, 2014

CHASE SETTLE

YATES PETROLEUM CORPORATION

105 S 4th Street

Artesia, NM 88210

RE: BELCO AIA FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 07/30/14 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

YATES PETROLEUM CORPORATION
CHASE SETTLE
105 S 4th Street
Artesia NM, 88210
Fax To: (505) 748-4635

Received:	07/30/2014	Sampling Date:	07/29/2014
Reported:	08/06/2014	Sampling Type:	Soil
Project Name:	BELCO AIA FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: STOCKPILE - 1' (H402355-01)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2014	ND	1.64	82.2	2.00	14.7	
Toluene*	<0.050	0.050	08/02/2014	ND	1.67	83.7	2.00	13.2	
Ethylbenzene*	<0.050	0.050	08/02/2014	ND	1.61	80.7	2.00	13.6	
Total Xylenes*	<0.150	0.150	08/02/2014	ND	5.02	83.7	6.00	13.1	
Total BTX	<0.300	0.300	08/02/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/05/2014	ND	400	100	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/04/2014	ND	200	99.8	200	2.11	
DRO >C10-C28	74.7	10.0	08/04/2014	ND	207	104	200	4.91	

Surrogate: 1-Chlorooctane 92.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 107 % 63.6-154

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*=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

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Celey D. Keene, Lab Director/Quality Manager

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name:

Belco AIA Federal Battery

Project #:

Project Loc:

Belco AIA Federal Battery

PO #: 205750

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

City/State/Zip: Artesia, NM 88210

Telephone No: 575-748-4171

Fax No: 575-748-4131

Sampler Signature:

e-mail: csettle@yatespetroleum.com

(lab use only)

ORDER #:

H/402355-

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