



October 07, 2014

CHASE SETTLE

YATES PETROLEUM CORPORATION

105 S 4th Street

Artesia, NM 88210

RE: AGAVE AAJ STATE #1

Enclosed are the results of analyses for samples received by the laboratory on 10/02/14 11:30.

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 style with a large, flowing "C" and "K".

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:	10/02/2014	Sampling Date:	10/01/2014
Reported:	10/07/2014	Sampling Type:	Soil
Project Name:	AGAVE AAJ STATE #1	Sampling Condition:	Cool & Intact
Project Number:	205750	Sample Received By:	Kathy Perez
Project Location:	AGAVE AAJ STATE #1		

Sample ID: STOCKPILE (H403009-01)

BTEX 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	10/03/2014	ND	1.90	95.2	2.00	2.17	
Toluene*	<0.050	0.050	10/03/2014	ND	1.83	91.4	2.00	0.748	
Ethylbenzene*	<0.050	0.050	10/03/2014	ND	1.71	85.4	2.00	2.04	
Total Xylenes*	<0.150	0.150	10/03/2014	ND	5.04	84.0	6.00	2.57	
Total BTEX	<0.300	0.300	10/03/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

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	10/06/2014	ND	181	90.5	200	3.56	
DRO >C10-C28	77.1	10.0	10/06/2014	ND	187	93.4	200	6.02	

Surrogate: 1-Chlorooctane 90.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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



Celey D. Keene, Lab Director/Quality Manager

