



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

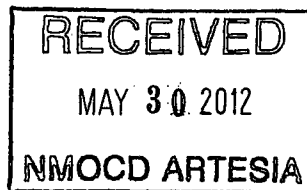
May 25, 2012

JEREMY HAASS

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210



RE: PATRIOT 'AIZ' #6

Enclosed are the results of analyses for samples received by the laboratory on 05/24/12 13:16.

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, appearing to read "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

 Received: 05/24/2012
 Reported: 05/25/2012
 Project Name: PATRIOT 'AIZ' #6
 Project Number: 30-015-28405
 Project Location: EDDY COUNTY, NEW MEXICO

 Sampling Date: 05/21/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: S1 3' (H201179-01)

Chloride, SM4500CI-B mg/kg			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	05/25/2012	ND	416	104	400	3.77	

Sample ID: S1 5' (H201179-02)

Chloride, SM4500CI-B mg/kg			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	05/25/2012	ND	416	104	400	3.77	

Sample ID: S2 3' (H201179-03)

Chloride, SM4500CI-B mg/kg			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/25/2012	ND	416	104	400	3.77	

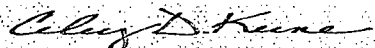
Sample ID: S2 5' (H201179-04)

Chloride, SM4500CI-B mg/kg			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/25/2012	ND	416	104	400	3.77	

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.

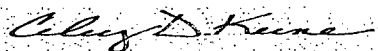
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

Project Manager: Jeremy HaassProject Name: Patriot 'AIZ' #6Comp: (505) 393-2326 Yates Petroleum CorporationProject #: 30-015-28405Company Address: 105 South 4th StreetProject Loc: EddyCity/State/Zip: Artesia, NM 88210PO #: 103-2636Telephone No: 575-748-4311

Fax No: _____

Report Format: ☒ Standard ☐ TRRP ☐ NPDESSampler Signature: [Signature]e-mail: jhaass@yatespetroleum.com

(lab use only)

ORDER #: H 2001179

ORDER #: H 2001179												Preservation & # of Containers										Matrix														
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH: 418.1 8015M SC-53	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	± 10 ⁻⁵ 5:2:1 / 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	SAR	RUSH TAT (Pre-Schedule) 24, 48, 72	Standard TAT			
01	S1 3'	3'		5/21/2012			1									S																				X
02	S1 5'	5'		5/21/2012			1									S																			X	
03	S2 3'	3'		5/21/2012			1									S																			X	
04	S2 5'	5'		5/21/2012			1									S																			X	

Special Instructions:

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace? NA

Labels on container(s)

Custody seals on container(s)

Custody seals on cooler(s)

Sample Hand Delivered

by Sampler/Client Rep.?

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 6 °CRelinquished by: [Signature]

Date

Time

Received by: [Signature]

Date

Time

Relinquished by: _____

Date

Time

Received by: _____

Date

Time

Relinquished by: _____

Date

Time

Received by: ELOT

Date

Time