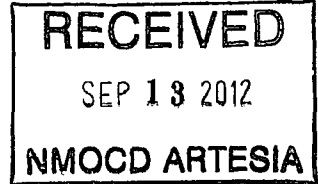




PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240



September 07, 2012

JEREMY HAASS

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: SANTA FE SWD

Enclosed are the results of analyses for samples received by the laboratory on 09/06/12 13:55.

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 "Caley D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Caley 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: 09/06/2012
Reported: 09/07/2012
Project Name: SANTA FE SWD
Project Number: 103-2636
Project Location: EDDY COUNTY, NM

Sampling Date: 09/06/2012
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: S2 4' (H202139-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	09/07/2012	ND	416	104	400	3.92		

Sample ID: S2 6' (H202139-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	09/07/2012	ND	416	104	400	3.92	

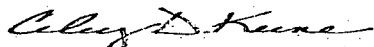
Sample ID: S2 8' (H202139-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	09/07/2012	ND	416	104	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager

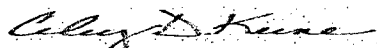
Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name: YPC		Project Manager: Jeremy Haass		Address:		City: Artesia		State: NM		Zip: 88210		Phone #:		Fax #:		Project #:		Project Owner: Jeremy Haass		Project Name: Santa Fe SVD		Project Location: E221		Sampler Name: Jeremy Haass	
P.O. #: 103-2636		Company: YPC		Attn: Jeremy Haass		Address:		City:		State:		Zip:		Phone #:		Fax #:									
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING											
										GROUNDWATER		ACID/BASE													
										WASTEWATER		ICE / COOL													
										SOIL		OTHER													
										OIL															
										SLUDGE															
										OTHER															

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Relinquished By: <i>J. H. SS</i>	Date: <i>9/6/02</i> Time: <i>1:55</i>	Received By: <i>Jodi Benson</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Relinquished By:	Date: Time:	Received By:	REMARKS: <i>Rush</i>
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) <i>JS</i>

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326