Creek AL Federal #12

Analytical Report- H202528	Sample Date:	Depth	BTEX	GRO	DRO	TOTAL	Ohlorides
%\$(1=1)°	10/16/2012	1'	175	3300	10800		1100
S1-2'	10/16/2012	2'	ND	ND	10.6		288
S1-3'	10/16/2012	3'	ND	ND	11.2		464
S1-4'	10/16/2012	4'	ND	ND	ND		352
462-10	10/16/2012	1'	11	19.1	125		3120
S2-2'	10/16/2012	2'	ND	ND	ND		2840
S2-3'	10/16/2012	3'	ND	ND	355		3440
S2-4'	10/16/2012	4'	ND	ND	ND		896
*S3-1"	10/16/2012	1'	139	9550	16100		2400
\$3-2 [']	10/16/2012	2'	54	562	1580		2280
S3-3'	10/16/2012	3'	0.078	ND	ND		2560
S3-4'	10/16/2012	4'	ND	ND	ND		2480
*Analytical Report - H202665							
S3-5'	10/30/2012	5'					1620
S3-6'	10/30/2012	6'					1700
S3-7'	10/30/2012	7'					1470
\$3-8'	10/30/2012	8'					1420

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 184', per trend map).

All results are ppm.Chlorides for documentation.

Released: 20 B/O, 15 B/PW, Recovered: 0 B/O, 0 B/PW. Release Date: 8/15/2012

^{*} Cells in red have been excavated and hauled for disposal. Excavated between 12" & 18".



November 05, 2012

LUPE CARRASCO
Yates Energy Petroleum Corp
105 S 4th Street
Artesia, NM 88210

RE: CREEK AL FEDERAL #12

Enclosed are the results of analyses for samples received by the laboratory on 11/01/12 14:50.

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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited accredited analytes are denoted accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited accredi

Cardinal Laboratories is accreditated 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.

Celes & Keine

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,

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:

11/01/2012

Sampling Date:

10/30/2012

Reported:

11/05/2012

Sampling Type:

416

Soil

True Value QC

400

% Recovery

104

RPD

3.77

Qualifier

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

** (See Notes)

Project Number: Project Location:

NONE GIVEN

EDDY

Result

1700

Reporting Limit

16.0

Sample Received By:

Jodi Henson

Sample ID: S3 - 5 (H202665-01)

Chloride, SM4500CI-B	mg.	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	11/05/2012	ND	416	104	400	3.77	
Sample ID: S3 - 6 (H2026	565-02)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					

Method Blank

ND

Analyzed

11/05/2012

Sample ID: S3 - 7 (H202665-03)

Analyte

Chloride

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM			··		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	11/05/2012	ND	416	104	400	3.77	

· Sample ID: S3 - 8 (H202665-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	11/05/2012	ND	416	104	400	3.77	

*=Accredited Analyte Cardinal Laboratories

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Celeg D. Keine

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE Lability and Damages. Cardanal's lability and client's exclusive remedy for any claim ansing, whether based in contract or toxt, shall be limited to the amount paid by client for analyses. All claims, including those for negigence and any other cause whistoever 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 claims to be 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

Celeg & Keine



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

	Project Manager:	Lupe Carrasco													•		Projec	t Nai	ne:_			Cr	<u>eek</u>	AL	Fed	<u>eral</u>	#12.		
	Compt (505) 393-2320	Yates Petroleu	m Corporatio	n		,;'	•									_	P	rojec	t #: _		<u> </u>					<u> </u>	<u> </u>		
	Company Address:	105 South 4th	Street			-		<u></u>	,							_	Pro	ject L	oc:′_										·
	City/State/Zip:	Artesia, NM 8	8210	·	-						•					_		P) #: <u>_</u>	103-	163		<i>:</i>						
	Telephone No:	575-748-4350					Fax No:							•		_ Re	port F	orma	: [x s	Stand	ard	ļ	<u></u>	TRR	P]NPC	DES
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LAB # (lab use only)	FIE	LD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #, of Containers	lce,	HNO	HCI H.SO.	NaOH	,O,S,Co	None Other (Specify)	DW=Drinking Water St=Sludge	NP=Non-Potable Specify Other	TX 1005	Cations (Ca, Mg, Na, K)	Anions (CI, SO4, Alkalinity)	SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg	Volatiles	1 🖁 🛭	#TEX.#XXX.9/5030 or BTEX 8260	RCI	N.O.R.M.	SAR		RUSH TAT (Pre-Schedule) 24, Standard TAT
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