

11/13/12

### Creek AL Federal #12

Analytical Report- H202528	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
S1-1'	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
S2-1'	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
S3-2'	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
S3-8'	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/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/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,



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:	Soil
Project Name:	CREEK AL FEDERAL #12	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY		

**Sample ID: S3 - 5 (H202665-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 (H202665-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1700	16.0	11/05/2012	ND	416	104	400	3.77		

**Sample ID: S3 - 7 (H202665-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed 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, SM4500Cl-B		mg/kg		Analyzed 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		

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

