30.045-06023



28 May 2015

Huerfanito Unit 87 API #3004506023

> 75 Suttle Street Durango, CO 81303 970.247.4220 Phone 970.247.4227 Fax www.greenanalytical.com

OIL CONS. DIV DIST. 3

JUN 11 2015

Darrell Savage Conoco Phillips-Farmington 3401 30th Street Farmington, NM 87401 RE: TDS & Chloride

Enclosed are the results of analyses for samples received by the laboratory on 05/13/15 16:31. If you need any further assistance, please feel free to contact me.

Sincerely,

relie Zufett

Debbie Zufelt Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at http://greenanalytical.com/certifications/

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water.

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water



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Conoco Phillip	ps-Farmington	Project:	TDS & Chloride	
3401 30th Stre	et	Project Name / Number:	Area #21	Reported:
Farmington N	м, 87401	Project Manager:	Darrell Savage	05/28/15 16:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Huerfanito Unit #87 Braden Head Sample	1505149-01	Water	05/13/15 14:30	05/13/15 16:31
Huerfanito Unit #87 Well Head Sample	1505149-02	Water	05/13/15 14:50	05/13/15 16:31

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Page 2 of 6



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Laboratories							v	www.Gree	enAnalytica	l.com
Conoco Phillips-Farmington		Pr	oject: TDS	& Chloride	;					
3401 30th Street	Project Name / Number: Area #21									ed:
Farmington NM, 87401	-	Project Manager: Darrell Savage								
		····								
	Huer	fanito Unit			Sample					
		1505	149-01 (W	ater)						
Analyte	Result	RL	MDL	Units	Dilution	Analyzed		ethod	Notes	Analyst
General Chemistry										
Chloride*	30.0	10.0	5.00	mg/L	1	05/18/15	4500)-Cl- C		ACH
				mg/L	1	05/20/15	EPA	160.1		ABP
TDS*	605	10.0		mg/L	·	00/20/10	5.7			
ΓDS*		10.0 erfanito Uni	it #87 We	-		00/20/10				
ΓDS*		erfanito Uni	it #87 We 149-02 (W	ll Head S						
FDS* Analyte		erfanito Uni		ll Head S	iample	Analyzed		nhod	Notes	Analysi
Analyte	Hue	erfanito Uni 1505	149-02 (W	ll Head S ater)	iample				Notes	
Analyte General Chemistry	Hue	erfanito Uni 1505	149-02 (W	ll Head S ater)	iample		Мс		Notes	
Analyte General Chemistry Chloride*	Hue Result	erfanito Uni 1505 _{RL}	1 49-02 (W MDL	II Head S Vater) Units	Dilution	Analyzed	Мс 	ethod	Notes	Analys ACH ABP
	Hue Result 132	erfanito Uni 1505 RL 10.0	1 49-02 (W MDL	II Head S dater) Units mg/L	Dilution	Analyzed 05/18/15	Мс 	ethod D-Cl- C	Notes	Analyst
Analyte General Chemistry Chloride*	Hue Result 132	erfanito Uni 1505 RL 10.0	1 49-02 (W MDL	II Head S dater) Units mg/L	Dilution	Analyzed 05/18/15	Мс 	ethod D-Cl- C	Notes	Analyst ACH ABP

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Page 3 of 6



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Conoco Phillips-Farmington	Project: TDS & Chloride	
3401 30th Street	Project Name / Number: Area #21	Reported:
Farmington NM, 87401	Project Manager: Darrell Savage	05/28/15 16:56

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis *Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL	Report Limit
MDL	Method Detection Limit

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Page 4 of 6

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Client: COP	<u>以,</u>		Phone	o#	(505)	320-	2634		Con	tact:	Darre	ll Sava	ade	
Address: 3401 E. 30th St. Farmington,	NM 87402						ell.q.sa							<u>.</u>
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Laboratories	FAX: 970-	247-4227	[Proj	ect N	lame	A	La	Ħ	z/			· 	
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3.5°C #9 Sample Typ	5 No. 1					- + * ÷ ÷	1 1 1	÷.						
onice	(7)02Ga	sTube, (8)Pi	peSec	ction, (9)Res	idual,	<u>(10)Sl</u>	idge,	<u>(11)S</u>	olid, (12)Tub	ing, (13)Othe	r
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<u> </u>	ollection					/	Pres	erva	ative	1		alyse	s Re	equir
			Collected By: (Init.)	Sample Location	, O	No. of Containers	N	eq			ron and Manganese		Ē	
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Weir Name (Sample Name)	Date	inne	cted	ple	ble	Č.	ired	res	04	ü	M pu	spha	Wat	P4
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1 Huerfanito unit # 87	5-13-15	5 141:30	DZ	21	Ц	1	N	X		Ŭ	<u>_</u>			X
2 Braden Head sample	844 () 84-					a.			:					イ
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OIL CONS. DIV DIST. 3 JUN 1 1 2015

C	C wate	r sampling form "Full sam	ple" (requ	uires 120 I	VIL water	for lab)	(100 ML wate	r needed for t	titrations)	
Well Name	Sampler Initials	Collection date & time	Temp. (F)	Sample PSI	Water color / clarity	РН	Dissolved CO2 (Titration) turns X 4 = PPM	Total Alkilinity (Titration) turns X 10 = PPM	CO2 Partial pressure	Comments
Huerfanito unit#87 Head	DS	5/13/15 14:30	60.4	2	LIR	9.51	ø	104	1	
HURFANito UNit#87 Head	125	5/13/15 14:50	67.2	74	CLR	6.88	340	170		
		"Residu	al" water	sample o	nly (requi	ires 60 N	AL water)			
Well Name	Sampler Initials	Collection date & time	Temp. (F)	PH	Water color	North A Party of	tial pressure if quested			Comments
			1		d 6 ()					
Well Name	Sampler Initials	Collection date & time	Type Paraffin/	Norm test Y/N	Acid Soluble Y/N		ests conducted			Comments

Page 6 of 6