



30-045-29885

dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Conoco Phillips-Farmington
3401 30th Street
Farmington NM, 87401

Project: PO4 & API+
Project Name / Number: [none]
Project Manager: Darrell Savage

Reported:
07/06/15 17:58

Huerfanito Com 174 (A 21)

1506144-02 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Alkalinity, Bicarbonate*	29.0	10.0		mg/L	1	06/19/15	2320 B		LLG
Alkalinity, Carbonate*	<10.0	10.0		mg/L	1	06/19/15	2320 B		LLG
Alkalinity, Hydroxide*	<10.0	10.0		mg/L	1	06/19/15	2320 B		LLG
Alkalinity, Total*	29.0	10.0		mg/L	1	06/19/15	2320 B		LLG
Chloride*	<10.0	10.0	5.00	mg/L	1	06/26/15	4500-Cl- C		LLG
TDS*	<10.0	10.0		mg/L	1	06/22/15	EPA160.1		ABP
Sulfate	<1.68	10.0	1.68	mg/L	1	07/01/15	4500-SO42- E		ABP
Potentially Dissolved Metals by ICP									
Calcium*	0.895	0.200	0.028	mg/L	10	06/19/15	EPA200.7		JGS
Magnesium*	<0.324	1.00	0.324	mg/L	10	06/19/15	EPA200.7		JGS
Potassium*	<10.0	10.0	3.35	mg/L	10	06/19/15	EPA200.7		JGS
Sodium*	<10.0	10.0	3.05	mg/L	10	06/19/15	EPA200.7		JGS

OIL CONS. DIV DIST. 3

JUL 20 2015

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

Page 4 of 8

2



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Conoco Phillips-Farmington
3401 30th Street
Farmington NM, 87401

Project: Formation Comparison
Project Name / Number: [none]
Project Manager: Kevin Fredrickson

Reported:
06/26/15 09:14

Huerfanito Com 174 Area 21 (Braden Head)

1506099-02 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

General Chemistry

Alkalinity, Bicarbonate*	<10.0	10.0		mg/L	5	06/19/15	2320 B		LLG
Alkalinity, Carbonate*	270	10.0		mg/L	5	06/19/15	2320 B		LLG
Chloride*	13.0	10.0	5.00	mg/L	1	06/25/15	4500-Cl- C		LLG
TDS*	770	10.0		mg/L	1	06/16/15	EPA160.1		ABP
Sulfate	163	20.0	3.36	mg/L	2	06/23/15	4500-SO42- E		ABP

Potentially Dissolved Metals by ICP

Calcium*	3.08	0.200	0.028	mg/L	10	06/19/15	EPA200.7		JGS
Iron*	5.79	0.500	0.035	mg/L	10	06/19/15	EPA200.7		JGS
Magnesium*	1.96	1.00	0.324	mg/L	10	06/19/15	EPA200.7		JGS
Sodium*	247	10.0	3.05	mg/L	10	06/19/15	EPA200.7		JGS

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.