



30-045-23129

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: Darrell Savage

Reported:  
06/16/15 09:46

**Jernigan 3A (Braden Head) Area 21****1506006-02 (Water)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**General Chemistry**

Alkalinity, Bicarbonate*	<10.0	10.0		mg/L	5	06/10/15	2320 B		JLM
Alkalinity, Carbonate*	400	10.0		mg/L	5	06/10/15	2320 B		JLM
Chloride*	19.0	10.0	5.00	mg/L	1	06/12/15	4500-Cl- C		LLG
TDS*	1480	10.0		mg/L	1	06/05/15	EPA160.1		ABP
Sulfate	169	20.0	3.36	mg/L	2	06/04/15	4500-SO42- E		ABP

**Potentially Dissolved Metals by ICP**

Calcium*	1.85	0.200	0.028	mg/L	10	06/05/15	EPA200.7		JGS
Iron*	4.55	0.500	0.035	mg/L	10	06/05/15	EPA200.7		JGS
Magnesium*	<1.00	1.00	0.324	mg/L	10	06/05/15	EPA200.7		JGS
Sodium*	589	10.0	3.05	mg/L	10	06/05/15	EPA200.7		JGS

Cation/Anion Balance 19.77

**OIL CONS. DIV DIST. 3****JUL 20 2015**

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Debbie Zufelt, Reports Manager

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06/16/15 09:46

### Jernigan 3A (Tubing) Area 21

#### 1506006-03 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
<b>General Chemistry</b>									
Alkalinity, Bicarbonate*	490	10.0		mg/L	10	06/10/15	2320 B		JLM
Alkalinity, Carbonate*	<10.0	10.0		mg/L	10	06/10/15	2320 B		JLM
Chloride*	10300	1000	500	mg/L	100	06/12/15	4500-Cl- C		LLG
TDS*	16300	10.0		mg/L	1	06/05/15	EPA 160.1		ABP
Sulfate	<10.0	10.0	1.68	mg/L	1	06/04/15	4500-SO42- E		ABP
<b>Potentially Dissolved Metals by ICP</b>									
Calcium*	96.0	0.200	0.028	mg/L	10	06/05/15	EPA200.7		JGS
Iron*	22.6	0.500	0.035	mg/L	10	06/05/15	EPA200.7		JGS
Magnesium*	36.8	1.00	0.324	mg/L	10	06/05/15	EPA200.7		JGS
Sodium*	5930	10.0	3.05	mg/L	10	06/05/15	EPA200.7		JGS
Cation/Anion Balance	-5.67								

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### 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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