



30-045-60308

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www.GreenAnalytical.com

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

Project: Braden Head  
Project Name / Number: Area 22  
Project Manager: Darrell Savage

Reported:  
08/05/15 09:34

✓ **Zachry #5**

1507145-01 (Water)

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

Chloride*	2400	200	100	mg/L	20	07/30/15	4500-Cl- C		ABP
Sulfate	3630	500	84.0	mg/L	50	07/20/15	4500-SO42- E		ABP
TDS*	5630	10.0		mg/L	1	07/20/15	EPA160.1		ABP

**McClanahan #16**

1507145-02 (Water)

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

Chloride*	540	100	50.0	mg/L	10	07/30/15	4500-Cl- C		ABP
Sulfate	5480	1000	168	mg/L	100	07/20/15	4500-SO42- E		ABP
TDS*	8300	10.0		mg/L	1	07/20/15	EPA160.1		ABP

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Green Analytical Laboratories

*Debbie Zufelt*

Debbie Zufelt, Reports Manager

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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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Debbie Zufelt, Reports Manager

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Client: COP Phone# (505) 320-2634 Contact: Darrell Savage  
 Address: 3401 E. 30th St. Farmington, NM 87402 E-Mail Address: darrell.g.savage@conocophillips.com



**CHAIN OF CUSTODY RECORD**  
 GAL Work Order # 1507-145  
 PO#  
 Project Name: Area 22

25.80  
 NO 1 u u

Sample Location: (1)BumperSpring, (2)CompressorDischarge, (3)Flowline, (4)Meter, (5)Oil Tank  
 (6)PigLauncher, (7)PigReceiver, (8)Pipeline, (9)Pit Tank, (10)PostFilter, (11)PreFilter  
 (12)SeparatorInlet, (13)SeparatorOutlet, (14)SeparatorDump, (15)SWDInlet  
 (16)SWDOutlet, (17)TransferPump, (18)ValveCan, (19)WaterTank, (20)Wellhead  
 (21)Other

Sample Type: (1)Casing, (2)CO2GasTube, (3)Coupon, (4)Water, (5)H2SGasTube, (6)Metals  
 (7)O2GasTube, (8)PipeSection, (9)Residual, (10)Sludge, (11)Solid, (12)Tubing, (13)Other

Well Name (Sample Name)	Collection						Preservative				Analyses Required			
	Date	Time	Collected By: (Init.)	Sample Location	Sample Type	No. of Containers	Filtered: Y / N	Unpreserved	H2SO4	Other:	Iron and Manganese	Phosphate	Full Water API	Binder Head TPS checker Soil boxes
1. ZACHRY # 5	7-14-15	8:30	DJ	20	4	1	N	Y						X
2. McClanahan # 16	7-14-15	9:57	DJ	20	4	1	N	Y						X
3.														
4.														
5.														
6.														
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16.														
17.														
18.														
19.														
20.														

Relinquished by: Darrell Savage Date: 7-14-15 Time: 15:11  
Christin Clark 7/14/15 16:55  
 Received By: Christin Clark Date: 7/14/15 Time: 15:11  
Kangaroo Express 7/14/15 16:55  
Kangaroo 7-15-15 9:30 Michael Valentine



API #3004560308  
Zachry 5

API #3004507298  
McClanahan 16



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05 August 2015

Darrell Savage  
Conoco Phillips-Farmington  
3401 30th Street  
Farmington, NM 87401  
RE: Braden Head

**OIL CONS. DIV DIST. 3**

**AUG 19 2015**

Enclosed are the results of analyses for samples received by the laboratory on 07/14/15 15:11.  
If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Debbie Zufelt'.

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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Reported:  
08/05/15 09:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Zachry #5	1507145-01	Water	07/14/15 08:30	07/14/15 15:11
McClanahan #16	1507145-02	Water	07/14/15 09:57	07/14/15 15:11

OIL CONS. DIV DIST. 3

AUG 19 2015

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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