



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	

GREEN ANALYTICAL Laboratories

75 Suttle Street
Durango, CO 81303
Phone: 970-247-4220
FAX: 970-247-4227

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

Collection							Preservative				Analyses Required			
Well Name (Sample Name)	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	Briden Head TPS cludes Sulfates
1. ZACHRY # 5	7-14-15	8:30	DS	20	4	1	N	Y						X
2. McClanahan # 16	7-14-15	9:57	DS	20	4	1	N	Y						X
3.														
4.														
5.														
6.														
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16.														
17.														
18.														
19.														
20.														

Relinquished by:	Date:	Time:	Received By:	Date:	Time:
<u>Christin Clam</u>	<u>7-14-15</u>	<u>15:11</u>	<u>Christin Clam</u>	<u>7/14/15</u>	<u>15:11</u>
<u>Christin Clam</u>	<u>7/14/15</u>	<u>16:55</u>	<u>Kangaroo Express</u>	<u>7/14/15</u>	<u>16:55</u>

Kangaroo 7-15-15
930 Michael Valentine

[illegible]

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 cursive script 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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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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