



28 August 2015

Kevin Fredrickson
Conoco Phillips-Farmington
3401 30th Street
Farmington, NM 87401
RE: Braden Head

Enclosed are the results of analyses for samples received by the laboratory on 08/06/15 13:50.
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

Grambling A 8
API # 30-045-21043

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

OIL CONS. DIV DIST. 3

SEP 03 2015



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: Braden Head
Project Name / Number: [none]
Project Manager: Kevin Fredrickson

Reported:
08/28/15 11:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Grambling A#8	1508076-01	Water	08/06/15 09:45	08/06/15 13:50

Green Analytical Laboratories

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.



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: Braden Head Project Name / Number: [none] Project Manager: Kevin Fredrickson	Reported: 08/28/15 11:31
--	---	-----------------------------

Grambling A#8
1508076-01 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Chloride*	22.0	10.0	5.00	mg/L	1	08/20/15	4500-Cl- C		LLG
pH*	9.84			pH Units	1	08/07/15	EPA150.1		MAJ
Sulfate	4510	1000	168	mg/L	100	08/25/15	4500-SO42- E		ABP
TDS*	8000	10.0		mg/L	1	08/12/15	EPA160.1		ABP

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

Green Analytical Laboratories

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.



Conoco Phillips-Farmington 3401 30th Street Farmington NM, 87401	Project: Braden Head Project Name / Number: [none] Project Manager: Kevin Fredrickson	Reported: 08/28/15 11:31
--	---	-----------------------------

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

Green Analytical Laboratories

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.

Client: COP Kevin Fredrickson Phone# 215-3184 Contact
 Address: E-Mail Address: Kevin.G.Fredrickson@Comcast.net



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

CHAIN OF CUSTODY RECORD
 GAL Work Order # 1508-076
 PO#
 Project Name:

Sample Location: (1) Bumper Spring, (2) Compressor Discharge, (3) Flowline, (4) Meter, (5) Oil Tank, (6) Pig Launcher, (7) Pig Receiver, (8) Pipeline, (9) Pit Tank, (10) Post Filter, (11) Pre Filter, (12) Separator Inlet, (13) Separator Outlet, (14) Separator Dump, (15) SWD Inlet, (16) SWD Outlet, (17) Transfer Pump, (18) Valve Can, (19) Water Tank, (20) Wellhead, (21) Other

Sample Type: (1) Casing, (2) CO2 Gas Tube, (3) Coupon, (4) Water, (5) H2S Gas Tube, (6) Metals, (7) O2 Gas Tube, (8) Pipe Section, (9) Residual, (10) Sludge, (11) Solid, (12) Tubing, (13) Other

*27.4C
 NOICE*
*10C
 on ice, Dgo*

Well Name (Sample Name)	Collection						Preservative				Analyses Required			Grades
	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	
1. <u>Grumbling A #8</u>	<u>8-6-15</u>	<u>9:45</u>	<u>[Signature]</u>	<u>21</u>	<u>4</u>	<u>1</u>	<u>N</u>							<u>+</u>
2.														
3.														
4.														
5.														
6.														
7.														
8.														
9.														
10.														
11.														
12.														
13.														
14.														
15.														
16.														
17.														
18.														
19.														
20.														

Relinquished by: Bill Evans Date: 8-6-15 Time: 1:50 Received By: [Signature] Date: 8/6/15 Time: 1350
Christine Clark 8/6/15 1655 Kangaroo Express 8/6/15 1655
Kangaroo 8-7-15 915 Michael Valentine

Grambling A 8
API# 38-045-21043

Current Schematic

ConocoPhillips
Well Name: GRAMBLING A #8

API / UWI 3004521043	Surface Legal Location 028-028N-008W-D	Field Name BLANCOP.C. SOUTH (GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,760.00	Original KBRT Elevation (ft) 5,770.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole, 9/2/2015 11:58:56 AM

