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www.greenanalytical.com

27 August 2015

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

OIL CONS. DIV DIST. 3

AUG 31 2015

RE: **Braden Head** - HAMMOND WN FEDERAL 7B (3004530877)

Enclosed are the results of analyses for samples received by the laboratory on 08/21/15 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



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3401 30th Street  
Farmington NM, 87401

Project: Braden Head  
Project Name / Number: [none]  
Project Manager: Bill Eaves

Reported:  
08/27/15 14:17

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Hammond WN Fed 7B CSG	1508304-01	Water	08/20/15 00:00	08/21/15 13:50
Hammond WN Fed 7B BH	1508304-02	Water	08/20/15 00:00	08/21/15 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.



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**Hammond WN Fed 7B CSG**  
**1508304-01 (Water)**

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

Chloride*	58.0	10.0	5.00	mg/L	1	08/25/15	4500-Cl- C		LLG
pH*	6.75			pH Units	1	08/24/15	EPA150.1	H4	MAJ
Sulfate	2280	500	84.0	mg/L	50	08/24/15	4500-SO42- E		ABP
TDS*	3880	10.0		mg/L	1	08/25/15	EPA160.1		ABP

**Hammond WN Fed 7B BH**  
**1508304-02 (Water)**

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

Chloride*	27.0	10.0	5.00	mg/L	1	08/25/15	4500-Cl- C		LLG
pH*	10.5			pH Units	1	08/24/15	EPA150.1	H4	MAJ
Sulfate	2830	500	84.0	mg/L	50	08/24/15	4500-SO42- E		ABP
TDS*	4560	10.0		mg/L	1	08/25/15	EPA160.1		ABP

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

*Debbie Zufelt*

Debbie Zufelt, Reports Manager

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Project Manager: Bill Eaves

Reported:  
08/27/15 14:17

#### Notes and Definitions

H4 pH analysis performed more than 48 hours after sampling.

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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Would like results Tues or Wed if possible!

Client: COP	Phone#	Contact:
Address: 3401 E. MAIN Farmington NM 87402	E-Mail Address: B.II.EAVES@comcastphillips.com	

**GAL**  
GREEN  
Analytical  
Laboratories

75 Suttle Street  
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Phone: 970-247-4220  
FAX: 970-247-4227

**CHAIN OF CUSTODY RECORD**

GAL Work Order # 1508-304

PO#

Project Name:

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	Brand-Name
Rush														X
2. Hammond WN Fed 7B	8-20-15	AM	COP	21	4	1	N							X
3. CSG														
4.														
5. Hammond WN Fed 7B	8-20-15	AM	COP	21	4	1	N							X
6. BH														
7.														
8.														
9.														
10.														
11.														
12.														
13.														
14.														
15.														
16.														
17.														
18.														
19.														
20.														

Relinquished by:	Date:	Time:	Received By:	Date:	Time:
Bill Eaves	8-21-15	2:50	Chun Clain	8/21/15	1300
AS Rep Mike McGarden					

Chun Clain 8/21/15 1655 Kangaroo Express  
Kangaroo 8-21-15 0930 Michael Valentine