

Howell 7 45-20335

OIL CONS. DIV DIST. 3

MAR 30 2016



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: Bill Eaves	Reported: 09/03/15 19:25
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Grambling A2A
1508207-01 (Water)

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

Chloride*	17.0	10.0	5.00	mg/L	1	09/02/15	4500-Cl- C		LLG
pH*	9.40			pH Units	1	08/14/15	EPA150.1	H4	MAJ
Sulfate	2550	500	84.0	mg/L	50	08/28/15	4500-SO42- E		ABP
TDS*	3770	10.0		mg/L	1	08/18/15	EPA160.1		ABP

Howell #7

1508207-02 (Water)

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

Chloride*	18.0	10.0	5.00	mg/L	1	09/03/15	4500-Cl- C		LLG
pH*	10.3			pH Units	1	08/14/15	EPA150.1	H4	MAJ
Sulfate	5820	1000	168	mg/L	100	08/28/15	4500-SO42- E		ABP
TDS*	8350	10.0		mg/L	1	08/18/15	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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Conoco Phillips-Farmington
3401 30th Street
Farmington NM, 87401

Project: Braden Head
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Project Manager: Bill Eaves

Reported:
09/03/15 19:25

Notes and Definitions

- Q1 Sample received outside of acceptable temperature range for analyses requiring cold storage.
- 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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Client: COP Bill Eaves Phone#: 960-5425 Contact: _____
 Address: _____ E-Mail Address: Bill.Eaves@ConceptHills.com



CHAIN OF CUSTODY RECORD
 GAL Work Order # 1508-207
 PO# _____
 Project Name: _____

*24hr NOA
 0.50c on file
 Dgo*

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	Brand
1. <u>Grumbling A2A</u>	<u>8-12-15</u>	<u>9:AM</u>	<u>CEL</u>	<u>Z1</u>	<u>4</u>	<u>2</u>	<u>N</u>	<u>✓</u>						
2. <u>Howell #7</u>	<u>8-12-15</u>	<u>9:AM</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>						
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20.														

Relinquished by: Bill Eaves Date: 8-13 Time: 2:20 Received By: _____ Date: _____ Time: _____
Chavez 8/13/15 16:55 Kevin Chan 8/13/15 14:20
Kangaroo 8-14-15 10:25 Kangaroo 8/13/15 16:55
Michael Valentine



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
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03 September 2015

Bill Eaves
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 08/13/15 14:20.
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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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Grambling A2A	1508207-01	Water	08/12/15 09:00	08/13/15 14:20
Howell #7	1508207-02	Water	08/12/15 09:00	08/13/15 14:20

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Debbie Zufelt

Debbie Zufelt, Reports Manager

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