



OIL CONS. DIV DIST. 3

JUL 08 2016

Rock Island #1  
30-045-11876

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

Project: Formation Comparison  
Project Name / Number: Area 6  
Project Manager: Darrell Savage

Reported:  
07/01/16 09:31

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Rock Island #1 <u>Braden Head Sample</u>	1606278-01	Water	06/27/16 11:20	06/27/16 15:08

Green Analytical Laboratories

*Debbie Zufelt*

Debbie Zufelt, Reports Manager

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**Rock Island #1 Braden Head Sample**

**1606278-01 (Water)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
<b>General Chemistry</b>									
Alkalinity, Bicarbonate*	14.0	10.0		mg/L	1	06/28/16	2320 B		KDG
Alkalinity, Carbonate*	16.0	10.0		mg/L	1	06/28/16	2320 B		KDG
Chloride	72.9	100	5.19	mg/L	100	06/29/16	EPA300.0	J	JDA
Total Dissolved Solids	18400	10.0		mg/L	1	06/29/16	EPA160.1		KDG
Sulfate	9330	500	30.7	mg/L	500	06/29/16	EPA300.0		JDA
<b>Potentially Dissolved Metals by ICP</b>									
Calcium*	306	0.400	0.055	mg/L	20	06/29/16	EPA200.7		JLM
Iron*	1.16	1.00	0.070	mg/L	20	06/29/16	EPA200.7		JLM
Magnesium*	34.6	2.00	0.648	mg/L	20	06/29/16	EPA200.7		JLM
Sodium*	3840	20.0	6.11	mg/L	20	06/29/16	EPA200.7		JLM

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

J	Estimated concentration. Analyte concentration between MDL and RL.
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	Phone# (505) 320-2634	Contact: Darrell Savage
Address: 3401 E. 30th St. Farmington, NM 87402	E-Mail Address: <a href="mailto:darrell.q.savage@conocophillips.com">darrell.q.savage@conocophillips.com</a>	

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

CHAIN OF CUSTODY RECORD	
GAL Work Order #	1606-278
PO#	
Project Name:	Area 6

28.3°C  
NO<sub>2</sub> u  
4°C  
on ice go

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 <u>Braden Head valve</u>
	Sample Type:
	(1) Casing, (2) CO <sub>2</sub> Gas Tube, (3) Coupon, (4) Water, (5) H <sub>2</sub> S Gas Tube, (6) Metals (7) O <sub>2</sub> Gas Tube, (8) Pipe Section, (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	Formation Comparison
1. Rock Island #1	6-27-16	11:20	DS	21	4	1	N	X						X
2. Braden Head Sample														
3.														
4. Please RUSH Results														
5. To: Kaylie B. Brown Stetter	2conocophillips.com													
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Relinquished by:	Date:	Time:	Received By:	Date:	Time:
<u>Darrell Savage</u>	6-27-16	15:08	<u>Christine Clark</u>	6/27/16	15:08
<u>Christine Clark</u>	6/27/16	16:55	<u>Kangaroo Express</u>	6/27/16	16:55

Kangaroo 6-28-16 → Michael Valentin 930



[illegible]