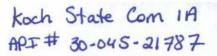
OIL CONS. DIV DIST. 3







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Conoco Phillips-Farmington

Project: Formation Comparison

3401 30th Street

Project Name / Number: Area 6

Reported:

Farmington NM, 87401

Project Manager: Darrell Savage

07/01/16 09:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Koch State Com #1A Braden Head Sample	1606279-01	Water	06/27/16 11:50	06/27/16 15:08
Koch State Com #1A Production Tubing Sample	1606279-02	Water	06/27/16 11:50	06/27/16 15:08

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Conoco Phillips-Farmington

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Farmington NM, 87401

Project Manager: Darrell Savage

07/01/16 09:33

Koch State Com #1A Braden Head Sample

1606279-01 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Alkalinity, Bicarbonate*	18.0	10.0		mg/L	1	06/28/16	2320 B		KDG
Alkalinity, Carbonate*	20.0	10.0		mg/L	1	06/28/16	2320 B		KDG
Chloride	81.1	100	5.19	mg/L	100	06/29/16	EPA300.0	J	JDA
Total Dissolved Solids	22200	10.0		mg/L	1	06/29/16	EPA160.1		KDG
Sulfate	8200	500	30.7	mg/L	500	06/29/16	EPA300.0		JDA
Potentially Dissolved Metals by ICP									
Calcium*	292	0.400	0.055	mg/L	20	06/29/16	EPA200.7		JLM
Iron*	5.47	1.00	0.070	mg/L	20	06/29/16	EPA200.7		JLM
Magnesium*	41.0	2.00	0.648	mg/L	20	06/29/16	EPA200.7		JLМ
Sodium*	4050	20.0	6.11	mg/L	20	06/29/16	EPA200.7		JLM

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Project: Formation Comparison

3401 30th Street

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Reported:

Farmington NM, 87401

Project Manager: Darrell Savage

07/01/16 09:33

Koch State Com #1A Production Tubing Sample

1606279-02 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry								1	
Alkalinity, Bicarbonate*	80.0	10.0		mg/L	1	06/28/16	2320 B		KDG
Alkalinity, Carbonate*	<10.0	10.0		mg/L	1	06/28/16	2320 B		KDG
Chloride	63.6	100	5.19	mg/L	100	06/29/16	EPA300.0	J	JDA
Total Dissolved Solids	105	10.0		mg/L	1	06/29/16	EPA160.1		KDG
Sulfate	40.5	100	6.15	mg/L	100	06/29/16	EPA300.0	1	JDA
Potentially Dissolved Metals by ICP									
Calcium*	2.76	0.400	0.055	mg/L	20	06/29/16	EPA200.7		JLM
Iron*	16.4	1.00	0.070	mg/L	20	06/29/16	EPA200.7		JLM
Magnesium*	<2.00	2.00	0.648	mg/L	20	06/29/16	EPA200.7		JLM
Sodium*	<20.0	20.0	6.11	mg/L	20	06/29/16	EPA200.7		JLM

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

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3401 30th Street

Project Name / Number: Area 6

Farmington NM, 87401

Project Manager: Darrell Savage

Reported:

07/01/16 09:33

Notes and Definitions

Estimated conentration. 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

Green Analytical Laboratories

Deldie Zufett

Client: COP Phone# (505) 320-2634 Contact: Darrell Savage Address: 3401 E. 30th St. Farmington, NM 87402 E-Mail Address: darrell.q.savage@conocophillips.com



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

CHAIN OF CUSTODY RECORD

GAL Work Order # 1006-279

PO#

Project Name: Acca 6

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 Braden Head

29.3 L Noide

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

Co	ollection				-1.7		Pres	serva	ative		Analyses Required			
Well Name (Sample Name)	Date	Time	Collected By: (Init.)	Sample Location	Sample Type	No. of Containers	Filtered: Y / N	Unpreserved	H2S04	Other:	ron and Manganese	Phosphate	Full Water API	Fornational Compacition
Koch State com# 1A	6-27-16	11:50	DS	21	4	1	N	V	1					X
Braden Head Sample	1	11.5				-	1	1						
and the state of t		-		- Carl										
Koch State com#/A	6-27-16	11:50	DS	20	4)	N	Y						X
5. Production Tubing Sample							1			117	lo.			
3												75		
01 0 11 1 - 11														77
XIPASI KUSH ROSUITS)													
Please Rush Results	e da	200081	6:11	100	100	-								
Jo! Kaylie. B. Branstell	200	rocofi	2://	100	con	7								
.Xlease Kush Results .To: Kaylie.B. Branstell.	ex d co	rocofi	2:11	100	con	7								
Jo: Kaylie. B. Branstell	2000	rocofi	s://	1250	con	7								
Do! Kaylie.B. Branstell.	2000	rocofi	2://	1250	Con	7								
.To: Kaylie.B. Branstell.	r de co	rocofi	6://	1000	con	7								
Do! Kaylie.B. Branstell. 10. 11. 12.	rek d co	rocofi	6://	100	Con	4								
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1. 2. 3. 4. 5. 66.	rek d co	eocof)	6.://	1000	Con	4								
10. Kayle.B. Branstell. 10. 11. 12. 3. 4. 15. 166. 17.	200	ιοςοβί	6://		Car									
1. 2. 3. 4. 5. 66.	rek d co	ιοςοβί	6://											

Relinquished by:	Date:	Time:	Received By:	Date:	Time:
Dorall for	6-27-66	15:08	Musin Clair	6/27/16	1508
Mun Clau	6/27/16	1655	Kangaroo Type	155 6/27/	16 1655

Kangara

6-28-16 Michael Valentine

Well Name	Sampler Initials	Collection date & time	Temp.	Sample PSI	Water color / clarity	РН	Dissolved CO2 (Titration) turns X A = PPM	Total Alkilinity (Titration) turns X 10 × PPM	CO2 Partial pressure	Comments
och state com# A "Brader"	205	6-27-/6 : 50	832	4	CCR	9.71	NA	NA	NA	Braden Head WATER Sample
och state com#/A "Production"	⊅)	627-16	76.2	10		7,34	NA	WA	NA	ProductiON Tuting sample
	Rose St.	"Residu	al" water	sample o	nly (requ	ires 60 N	(L water)			
Well Name	Sampler	Collection date & time	Temp. (F)	Sample PSI	Water color / clarity	PH	CO2 Partial pressure if requested			Comments
		"Sol	District of the last	e collecte	d for (sol	vency tes	sting)			
Well Name	Sampler	Collection date & time	Type Paraffin/ Scale/Ot her	Norm test Y/N	Acid Soluble Y/N	Other te	ests conducted			Comments