

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SEP 11 2013

5. Lease Serial No. **SF-080538**

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. San Juan 30-5 Unit
2. Name of Operator ConocoPhillips Company		8. Well Name and No. San Juan 30-5 Unit 29
3a. Address PO Box 4289, Farmington, NM 87499	3b. Phone No. (include area code) (505) 326-9700	9. API Well No. 30-039-07851
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit G (SWNE), 1840' FNL & 1840' FEL, Sec. 14, T30N, R5W		10. Field and Pool or Exploratory Area Blanco Mesaverde
		11. Country or Parish, State Rio Arriba, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Investigation Well</u>
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

ConocoPhillips intends to Plug and Abandon the Investigation Well drilled for collecting samples due to a leak on the adjacent San Juan 30-5 Unit 29 Production well. Please see the attached outline of work, laboratory tested water samples, and P&A procedure.

RCVD SEP 20 '13
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) DENISE JOURNEY		Title Regulatory Technician	
Signature <i>Denise Journey</i>		Date 9/10/2013	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Jim Lovel</i>	Title Petr. Eng.	Date 9/10/13
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCDA

R
dlb

San Juan 30-5 Unit 29 Investigation Well

Problem Statement

In August 2012, the cathodic well that services the SJ 30-5 Unit 29 well started bubbling water to the surface due to a casing leak. Water samples were taken from the cathodic vent pipe that resulted in a field pH of 1.38. A full water analysis was completed on the collected vent pipe sample resulting in the following:

- pH 1.38
- Sulfates 1580mg/L
- Chlorides 4740mg/L.

The SJ 30-5 Unit 29 casing leak was repaired on 10/27/12. The primary water bearing zones were identified to depths of 250' – 267' and 386' – 443' through logs of adjacent producing wells.

Scope of Work

COPC was charged by NMOCD with the task of proving that we had not impacted ground water by “pushing” acidic water (pH) and gas (LEL) into the water bearing zones.

Historical Background

Mr. Dugan remembers very clearly that there was a base camp in the 29-6 unit with a water well that was used only for flushing the toilets because it was not potable. Operators drilled most of the drinking water quality wells south of 29-6 & 30-5 and used the wells drilled in the 30-5 and 29-6 for all their drilling needs. During the timeframe when the SJ 30-5 Unit 29 well was drilled the standard practice for drilling a well was to drill through the producing zones using gas.

Water Chemistry Baseline

Extensive research was done to find a historical water chemistry baseline in the 30-5 or the surrounding townships. The resources that were consulted are listed below along with the corresponding data results:

United States Geological Service	- USGS Hydrologic Investigations Atlas HA-720-A (1990) – Provided by Ecosphere
New Mexico Office of the State Engineer	- No Data
BLM Farmington Field Office	- No Data
New Mexico OCD	- No Data in the surrounding areas
New Mexico Environmental Department	- No Data
CRA (Environmental Consultant)	- No Data
New Mexico Tech GoTech Database	- No Data
NM Bureau of Geology & Mineral Quality	- No Data
Corpro (Cathodic Well Drilling Company)	- No Data
Well Files	- No Data – Reviewed well files in surrounding area looking for water testing data.

USGS Hydrologic Investigations Atlas HA-720-A (1990)

Please note that the formation indicated in the map below shows the San Jose outcropping near the investigation well. The historical baseline values for this formation are as follows:

- pH 4.6 – 9.8
- Sulfates 2.3 – 4,300 mg/L
- Chlorides 1.3 – 4,100 mg/L

WQCC Standards in New Mexico

“New Mexico’s Water Quality Act and the Clean Water Act charge the WQCC with performing a balancing act between protection of water quality and giving weight to economic value, property rights, and accustomed uses. One of the main issues for the commission is the **recognition that each river system and water source in our state is unique. Our standards do not recognize the natural differences of our diverse geography and climates. The future challenge will be to use the data 14 Howard Hutchinson collected over the years to develop segment specific standards that recognize those differences.**”

<http://wrrri.nmsu.edu/publish/watcon/proc51/hutchinson.pdf>

Production Well Information

Well has historically made 1 bwpd or less.

Investigation Well

August 13, 2013 – Completed Work

All parties involved showed up at 8:30 to hold a group JSA and sign into location. Mo-Te was already rigged up with their closed loop system in place and ready to start. Drilling commenced around 0930 and we reached our first stop around 1200. The cuttings were extremely dry and fine, almost powder in nature. After waiting 1 hour for the water to flow into the well, **4 bailer runs were made. The first run showed no water, but had a thick mud plugging the inlet. The second and third runs produced water, along with mud, and the final run produced no water.**

Analysis showed:

- pH 8.2
- Sulfates 18mg/L
- Chlorides 1319mg/L.

NMOCD rep John Durham arrived on location at 1430, and indicated that Brandon was ok with drilling to TD at 450’, testing the commingled water, plugging back to the upper zone, then determining if we needed a standalone monitor well for the lower zone. Drilling commenced at 1600, reaching TD at 450’ around 1800. All cuttings continued to show as **dry and powder-like in nature**. After a 1.5 hour wait, a bailer run was attempted, but came back dry, with dry solids plugging the bottom of the bailer. A second run was not made due to the quickly fading light and operations stopped at 2000.

August 14, 2013 – Completed Work

Operations started up at 0900 Wednesday. A commingled water sample was collected this morning and the results were very similar to the upper zone.

- pH 8.49 @ 275’ (commingled sample was 9.14 @ 450’)

- Sulfates 375mg/L @ 275' (commingled sample was 392 mg/L @ 450')
- Chlorides 1480mg/L @ 275' (commingled sample was 1310 mg/L @ 450').

NMOCD rep was on location to relay the results to Brandon. Brandon gave his approval to follow the approved procedure: plug back to 275', land the 4" PVC, collect samples 24 hours later and analyze the results.

August 15, 2013 – Completed Work

The well was plugged back to 275', the 4" PVC casing landed, and the 24 hour clock started.

- LEL 0%.

August 16, 2013 – Completed Work

Testing started around 4:00 p.m. and the water level was at 261.5'. Envirotech retrieved water samples and sent them off to the lab to test for pH, sulfates, chlorides, and B-TEX. Lab results were:

- pH 12.5 @ 267'
- sulfates 23.5mg/L @267'
- chlorides 336mg/L @ 267'
- LEL 0%.

August 27, 2013 – Field Work

- pH 13.14 @ 267'
- sulfates 63mg/L @267'
- chlorides 385mg/L @ 267'
- LEL 0%.

Conclusion

Data determined that the produced water from the production well, which flows through the production tubing and not the casing, did not impact the water bearing zones. Discussions determined that the baseline pH of the water bearing zones was not impacted by the cathodic well. Baseline pH was determined to be 8.49. Later water samples yielded a higher pH and elevated chloride levels. The rise in pH levels was attributed to the chemical properties of cement used to install the 4" PVC casing. The Chloride levels were slightly elevated due to the use of calcium chloride in the cementing process.



Analytical Report

Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 15972

Samples Received: 8/14/2013 1:25:00PM

Job Number: 96052-2377

Work Order: P308038

Project Name/Location: San Juan 30-5 Unit 29

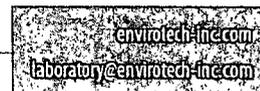
Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 8/16/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: San Juan 30-5 Unit 29
Project Number: 96052-2377
Project Manager: Toni McKnight

Reported:
16-Aug-13 10:43

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Well #1 @ 275'	P308038-01A	Aqueous	08/13/13	08/14/13	Poly 250mL
Well #1 @ 450'	P308038-02A	Aqueous	08/14/13	08/14/13	Poly 250mL

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879





ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: San Juan 30-5 Unit 29 Project Number: 96052-2377 Project Manager: Toni McKnight	Reported: 16-Aug-13 10:43
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Well #1 @ 275'
P308038-01 (Water)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes	
		Limit	Units							
Cation/Anion Analysis										
pH	8.49		pH Units	1	1333012	14-Aug-13	14-Aug-13	EPA 150.1		
Chloride	1480	10.0	mg/L	10	1333013	14-Aug-13	14-Aug-13	EPA 300.0		
Sulfate	375	1.00	mg/L	1	1333013	14-Aug-13	15-Aug-13	EPA 300.0		

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ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: San Juan 30-5 Unit 29 Project Number: 96052-2377 Project Manager: Toni McKnight	Reported: 16-Aug-13 10:43
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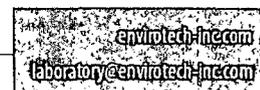
Well #1 @ 450'
P308038-02 (Water)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						

Cation/Anion Analysis

pH	9.14		pH Units	1	1333012	14-Aug-13	14-Aug-13	EPA 150.1	
Chloride	1310	10.0	mg/L	10	1333013	14-Aug-13	14-Aug-13	EPA 300.0	
Sulfate	392	1.00	mg/L	1	1333013	14-Aug-13	15-Aug-13	EPA 300.0	

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ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: San Juan 30-5 Unit 29 Project Number: 96052-2377 Project Manager: Toni McKnight	Reported: 16-Aug-13 10:43
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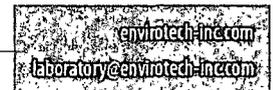
Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1333013 - Anion Extraction EPA 300.0

Blank (1333013-BLK1)				Prepared: 13-Aug-13 Analyzed: 14-Aug-13						
Chloride	ND	1.00	mg/L							
Sulfate	ND	1.00	"							
Duplicate (1333013-DUP1)				Source: P308033-01 Prepared: 13-Aug-13 Analyzed: 14-Aug-13						
Chloride	88.1	1.00	mg/L		99.7			12.4	30	
Sulfate	140	1.00	"		141			0.305	30	

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: San Juan 30-5 Unit 29
Project Number: 96052-2377
Project Manager: Toni McKnight

Reported:
16-Aug-13 10:43

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
RPD Relative Percent Difference

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CHAIN OF CUSTODY RECORD

15972

Client: Conoco Phillips	Project Name / Location: San Juan 30-5 Unit 29	ANALYSIS / PARAMETERS													
Email results to: tmcknight@envirotech-inc.com	Sampler Name: Toni McKnight	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	PH	Sulfate	Sample Cool	Sample Intact
Client Phone No.:	Client No.:														

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	PH	Sulfate	Sample Cool	Sample Intact	
					HNO ₃	HCl	COBI															
Well #1 @ 275'	8/13/14	14:13	P308038-01	1-250 mL			✓											✓	✓	✓	Y	Y
Well #1 @ 450'	8/14/14	10:30	P308038-02	1-250 mL			✓											✓	✓	✓	Y	Y

Relinquished by: (Signature) <i>Toni McKnight</i>	Date 8/14/13	Time 13:25	Received by: (Signature) <i>[Signature]</i>	Date 8/14/13	Time 13:25
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Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
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Sample Matrix
 Soil Solid Sludge Aqueous Other

Sample(s) dropped off after hours to secure drop off area.





Analytical Report

Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 15979

Samples Received: 8/19/2013 7:03:00AM

Job Number: 96052-2377

Work Order: P308051

Project Name/Location: San Juan 30-5 Unit #29

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 8/20/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





ConocoPhillips	Project Name:	San Juan 30-5 Unit #29	
PO Box 2200	Project Number:	96052-2377	Reported:
Bartlesville OK, 74005	Project Manager:	Toni McKnight	20-Aug-13 15:06

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Well #1 @ 267'	P308051-01A	Aqueous	08/16/13	08/19/13	Poly 500mL
	P308051-01B	Aqueous	08/16/13	08/19/13	VOA Vial, 40mL
	P308051-01C	Aqueous	08/16/13	08/19/13	VOA Vial, 40mL
	P308051-01D	Aqueous	08/16/13	08/19/13	VOA Vial, 40mL

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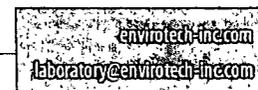


ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: San Juan 30-5 Unit #29 Project Number: 96052-2377 Project Manager: Toni McKnight	Reported: 20-Aug-13 15:06
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**Well #1 @ 267'
P308051-01 (Water)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	0.006	0.001	mg/L	1	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
Toluene	0.04	0.001	mg/L	1	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
Ethylbenzene	0.001	0.001	mg/L	1	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
p,m-Xylene	0.01	0.001	mg/L	1	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
o-Xylene	0.003	0.001	mg/L	1	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
Total Xylenes	0.02	0.001	mg/L	1	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
Total BTEX	0.06	0.001	mg/L	1	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
Surrogate: Bromochlorobenzene		102 %		80-120	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.9 %		80-120	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
Surrogate: Fluorobenzene		95.7 %		80-120	1334012	20-Aug-13	20-Aug-13	EPA 8021B	
Cation/Anion Analysis									
pH	12.5		pH Units	1	1334005	19-Aug-13	19-Aug-13	EPA 150.1	
Chloride	336	1.00	mg/L	1	1334004	19-Aug-13	19-Aug-13	EPA 300.0	
Sulfate	23.5	1.00	mg/L	1	1334004	19-Aug-13	19-Aug-13	EPA 300.0	

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ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: San Juan 30-5 Unit #29 Project Number: 96052-2377 Project Manager: Toni McKnight	Reported: 20-Aug-13 15:06
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Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1334012 - Purge and Trap EPA 5030A

Blank (1334012-BLK1)		Prepared & Analyzed: 20-Aug-13								
Benzene	ND	0.001	mg/L							
Toluene	ND	0.001	"							
Ethylbenzene	ND	0.001	"							
p,m-Xylene	ND	0.001	"							
o-Xylene	ND	0.001	"							
Total Xylenes	ND	0.001	"							
Total BTEX	ND	0.001	"							
Surrogate: Bromochlorobenzene	48.4		ug/L	50.0		96.7	80-120			
Surrogate: 1,4-Difluorobenzene	46.8		"	50.0		93.5	80-120			
Surrogate: Fluorobenzene	46.7		"	50.0		93.3	80-120			

Duplicate (1334012-DUP1)		Source: P308051-01		Prepared & Analyzed: 20-Aug-13						
Benzene	0.006	0.001	mg/L		0.006			1.16	30	
Toluene	0.04	0.001	"		0.04			2.90	30	
Ethylbenzene	0.001	0.001	"		0.001			20.7	30	
p,m-Xylene	0.02	0.001	"		0.01			47.7	30	D1
o-Xylene	0.004	0.001	"		0.003			28.5	30	
Surrogate: Bromochlorobenzene	51.5		ug/L	50.0		103	80-120			
Surrogate: 1,4-Difluorobenzene	47.0		"	50.0		94.0	80-120			
Surrogate: Fluorobenzene	48.2		"	50.0		96.5	80-120			

Matrix Spike (1334012-MS1)		Source: P308051-01		Prepared & Analyzed: 20-Aug-13						
Benzene	2.72	0.05	mg/L	2.50	0.006	109	39-150			
Toluene	4.38	0.05	"	2.50	0.04	174	46-148			SPK1
Ethylbenzene	2.60	0.05	"	2.50	0.001	104	32-160			
p,m-Xylene	5.58	0.05	"	5.00	0.01	111	46-148			
o-Xylene	2.71	0.05	"	2.50	0.003	108	46-148			
Surrogate: Bromochlorobenzene	51.2		ug/L	50.0		102	80-120			
Surrogate: 1,4-Difluorobenzene	45.6		"	50.0		91.2	80-120			
Surrogate: Fluorobenzene	47.2		"	50.0		94.4	80-120			

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ConocoPhillips PO Box 2200 Bartlesville OK, 74005	Project Name: San Juan 30-5 Unit #29 Project Number: 96052-2377 Project Manager: Toni McKnight	Reported: 20-Aug-13 15:06
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Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1334004 - Anion Extraction EPA 300.0

Blank (1334004-BLK1) Prepared & Analyzed: 19-Aug-13

Chloride	ND	1.00	mg/L							
Sulfate	ND	1.00	"							

Duplicate (1334004-DUP1) Prepared & Analyzed: 19-Aug-13

		Source: P308051-01								
Chloride	336	1.00	mg/L		336			0.0476	30	
Sulfate	23.2	1.00	"		23.5			1.24	30	

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ConocoPhillips	Project Name:	San Juan 30-5 Unit #29	
PO Box 2200	Project Number:	96052-2377	Reported:
Bartlesville OK, 74005	Project Manager:	Toni McKnight	20-Aug-13 15:06

Notes and Definitions

- SPK1 The spike recovery for this QC sample is outside of control limits.
- D1 Duplicates or Matrix Spike Duplicates Relative Percent Difference exceeds 30%.
- 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
- RPD Relative Percent Difference

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RUSH

CHAIN OF CUSTODY RECORD

15979

Client: Conoco Phillips		Project Name / Location: San Juan 30-5 Unit #29		ANALYSIS / PARAMETERS													
Email results to: tmeknight@envirotech-inc.com		Sampler Name: T. McKnight		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	pH	Sulfate	Sample Cool	Sample Intact
Client Phone No.:		Client No.:															

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	pH	Sulfate	Sample Cool	Sample Intact	
					HNO ₃	HCl	SO ₂															
Well #1 @ 267'	8/16/13	16:30	P308051-01	1-500 mL 2-40 mL VOA		✓	✓	✓										✓	✓		X	X

Relinquished by: (Signature) <i>Toni McKnight</i>	Date 8/16/13	Time 7:00 pm	Received by: (Signature) <i>Miriam</i>	Date 8/19/13	Time 7:23 am
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix
 Soil Solid Sludge Aqueous Other

Sample(s) dropped off after hours to secure drop off area.

RUSH



5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com

P&A Procedure
San Juan 30-5 Unit 29 Investigation Well

Basic Procedure:

- 1) MIRU MO-TE
- 2) TOH lay down 4 ½" PVC
- 3) Move in cement equipment
- 4) P&A to bottom of surface casing
- 5) Pull surface casing
- 6) Fill remaining hole with cement
- 7) WOC – 1 hour
- 8) RDMO MO-TE
- 9) Reclaim area

NOTE:

- 1) Procedures are subject to change depending on events encountered during the actual P&A operations.
- 2) Presence of H₂S is possible ~ All personnel will have a calibrated 4 Gas monitor while on location during activity