

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 2014

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

Farmington Field Office

5. Lease Serial No.

SF-078138 / Fee

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS and Minerals
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

☐ Oil Well

☒ Gas Well

☐ Other

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

Hartman 23 1

(Private Surface)

2. Name of Operator

ConocoPhillips Company

9. API Well No.

30-045-09298

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

10. Field and Pool or Exploratory Area

Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit M (SWSW), 1086' FSL & 832' FWL, Sec. 23, T30N, R11W

11. Country or Parish, State

San Juan

New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Landfarm Closure
	<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 Company discovered a landfarm on the subject location on 10/1/2013. The landfarm was sampled on 10/14/2013 with the results attached. ~~Closure notification was sent to the BLM on 2/21/2014.~~ The landfarm was closed 3/20/2014 with the berms and gravel being spread on the road and the clean material was used to contour the location. Pictures of the completed work are attached.

OIL CONS. DIV DIST. 3

APR 21 2014

Accepted for Record

Apr 18 2014

fu

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Crystal Tafoya

Field Environmental Specialist

Title

Signature

Crystal Tafoya

Date

4/14/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

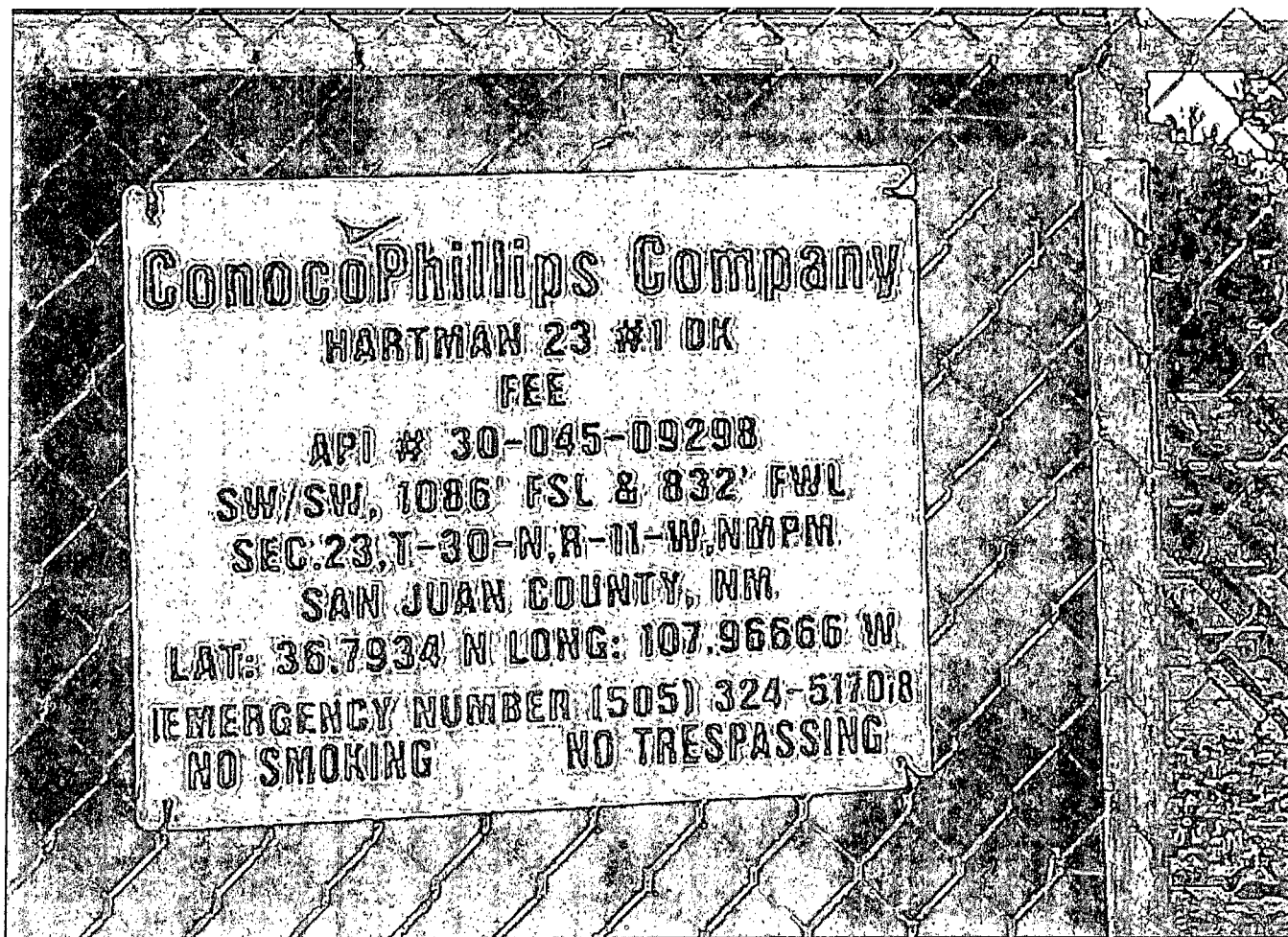
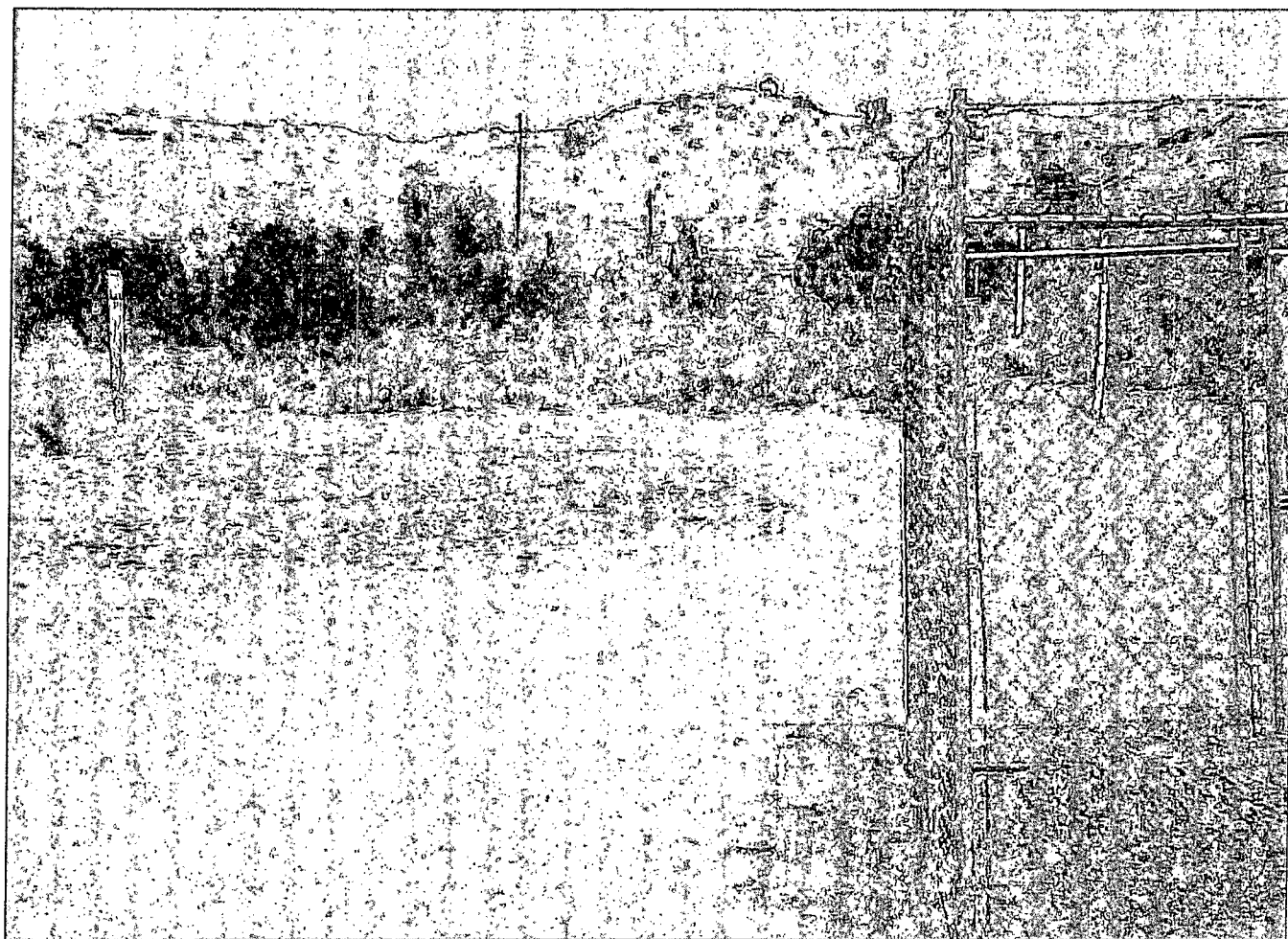
Date

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.

Office

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.

RECEIVED



ConocoPhillips Company

**HARTMAN 23 #1 OK
FEE**

API # 30-045-09298

SW/SW, 1086' FSL & 832' FWL

SEC. 23, T-30-N, R-11-W, NMPM

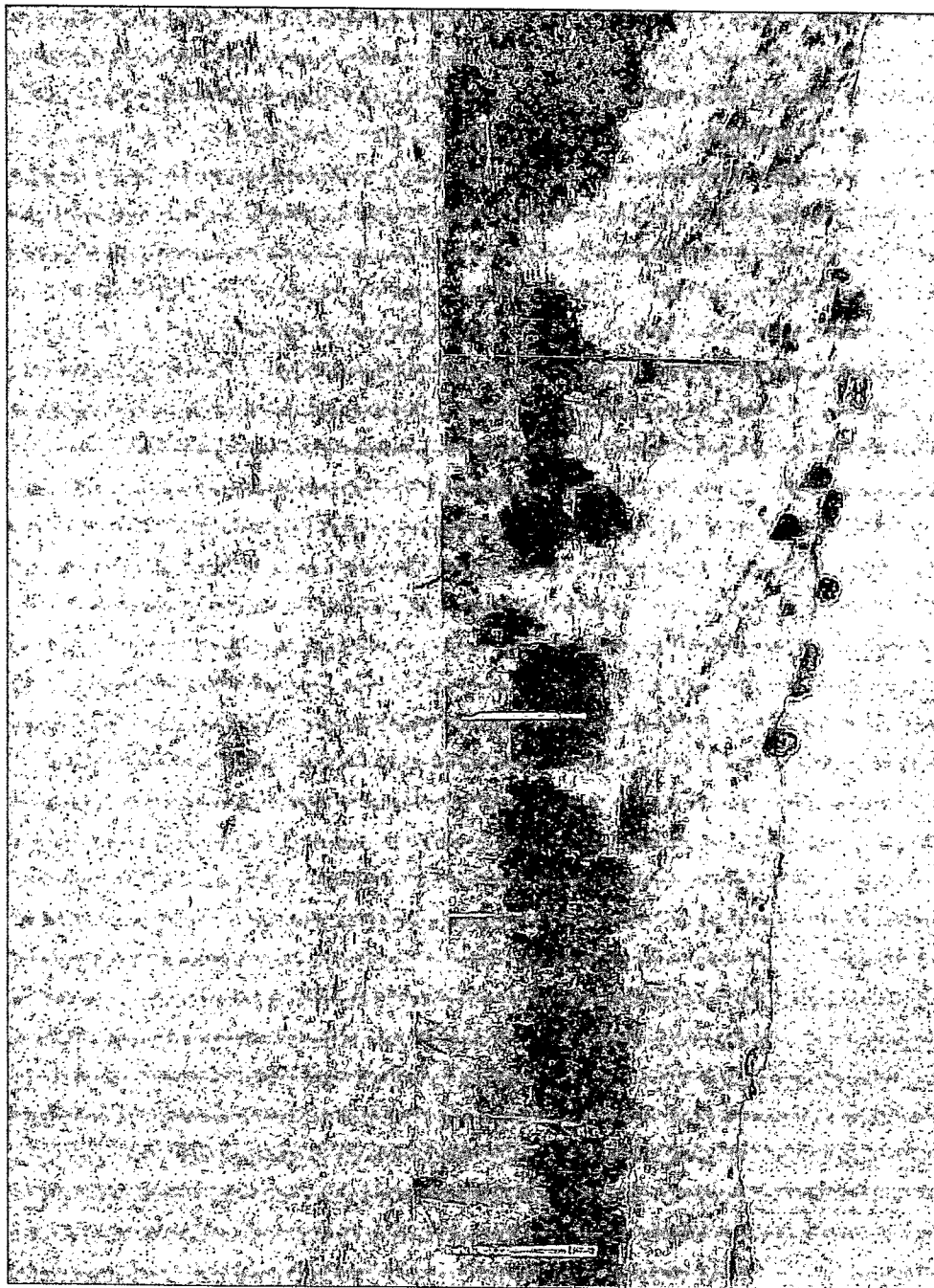
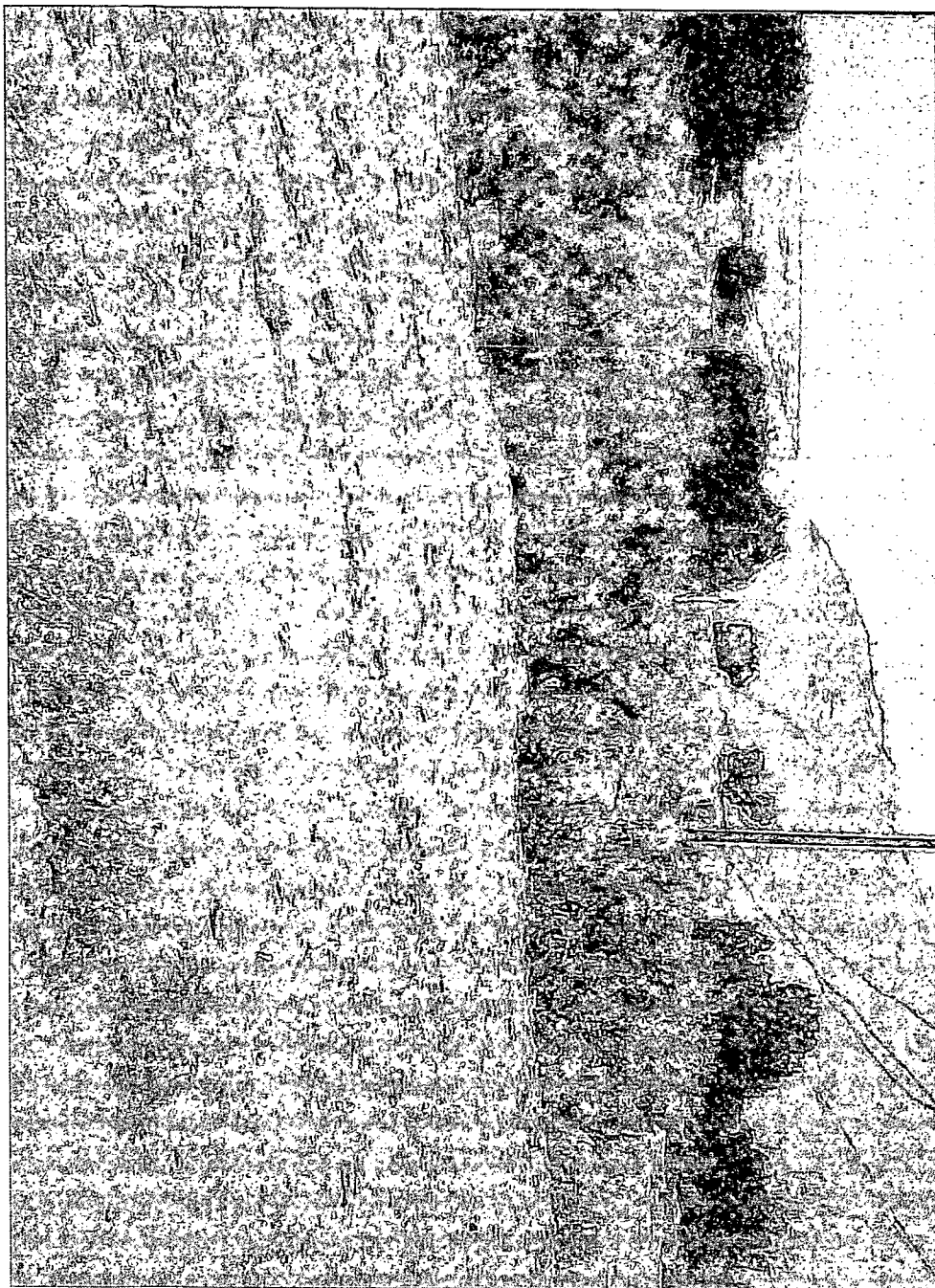
SAN JUAN COUNTY, NM

LAT: 36.7934 N LONG: 107.96666 W

EMERGENCY NUMBER (505) 324-5170

NO SMOKING

NO TRESPASSING





Analytical Report

Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 15823

Samples Received: 10/14/2013 12:06:00PM

Job Number: 96052-1706

Work Order: P310048

Project Name/Location: Hartman 23 #1

Entire Report Reviewed By:

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

Date: 10/21/13

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: Hartman 23 #1
Project Number: 96052-1706
Project Manager: Crystal Tafoya

Reported:
21-Oct-13 13:35

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Landfarm	P310048-01A	Soil	10/14/13	10/14/13	Glass Jar, 4 oz.

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5796 US Highway 64, Farmington, NM 87401

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

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





ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hartman 23 #1
Project Number: 96052-1706
Project Manager: Crystal Tafoya

Reported:
21-Oct-13 13:35

Landfarm
P310048-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1342005	10/17/13	10/17/13	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1342005	10/17/13	10/17/13	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1342005	10/17/13	10/17/13	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1342005	10/17/13	10/17/13	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1342005	10/17/13	10/17/13	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1342005	10/17/13	10/17/13	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1342005	10/17/13	10/17/13	EPA 8021B	
Surrogate: Bromochlorobenzene		92.1 %	80-120		1342005	10/17/13	10/17/13	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		88.6 %	80-120		1342005	10/17/13	10/17/13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.98	mg/kg	1	1342005	10/17/13	10/17/13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg	1	1342004	10/15/13	10/15/13	EPA 8015D	
GRO and DRO Combined Fractions	ND	4.98	mg/kg		[CALC]	10/17/13	10/17/13	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	59.9	20.0	mg/kg	1	1342011	10/15/13	10/15/13	EPA 418.1	
Cation/Anion Analysis									
Chloride	25.6	9.82	mg/kg	1	1342002	10/14/13	10/14/13	EPA 300.0	

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Project Name: Hartman 23 #1
Project Number: 96052-1706
Project Manager: Crystal Tafoya

Reported:
21-Oct-13 13:35

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 1342005 - Purge and Trap EPA 5030A

Blank (1342005-BLK1)

Prepared: 14-Oct-13 Analyzed: 16-Oct-13

Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.05	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							

Surrogate: 1,3-Dichlorobenzene	47.0		ug/L	50.0		94.0	80-120			
Surrogate: Bromochlorobenzene	45.9		"	50.0		91.8	80-120			

Duplicate (1342005-DUP1)

Source: P310047-01

Prepared: 14-Oct-13 Analyzed: 16-Oct-13

Benzene	ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	"		ND				30	
Ethylbenzene	ND	0.05	"		ND				30	
p,m-Xylene	ND	0.05	"		ND				30	
o-Xylene	ND	0.05	"		ND				30	
Surrogate: 1,3-Dichlorobenzene	43.9		ug/L	50.0		87.9	80-120			
Surrogate: Bromochlorobenzene	43.7		"	50.0		87.4	80-120			

Matrix Spike (1342005-MS1)

Source: P310047-01

Prepared: 14-Oct-13 Analyzed: 16-Oct-13

Benzene	55.0		ug/L	50.0	0.21	109	39-150			
Toluene	55.6		"	50.0	0.43	110	46-148			
Ethylbenzene	53.6		"	50.0	0.08	107	32-160			
p,m-Xylene	107		"	100	0.46	106	46-148			
o-Xylene	53.6		"	50.0	0.19	107	46-148			
Surrogate: 1,3-Dichlorobenzene	50.6		"	50.0		101	80-120			
Surrogate: Bromochlorobenzene	48.9		"	50.0		97.7	80-120			

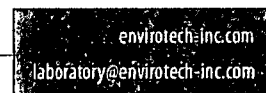
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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hartman 23 #1
Project Number: 96052-1706
Project Manager: Crystal Tafoya

Reported:
21-Oct-13 13:35

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1342004 - DRO Extraction EPA 3550C										
Blank (1342004-BLK1)				Prepared: 14-Oct-13 Analyzed: 15-Oct-13						
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg							
Duplicate (1342004-DUP1)				Source: P310047-01 Prepared: 14-Oct-13 Analyzed: 15-Oct-13						
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg		ND				30	
Matrix Spike (1342004-MS1)				Source: P310047-01 Prepared: 14-Oct-13 Analyzed: 15-Oct-13						
Diesel Range Organics (C10-C28)	236		mg/L	250	2.96	93.4	75-125			

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Project Name: Hartman 23 #1
Project Number: 96052-1706
Project Manager: Crystal Tafoya

Reported:
21-Oct-13 13:35

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1342005 - Purge and Trap EPA 5030A										
Blank (1342005-BLK1)				Prepared: 14-Oct-13 Analyzed: 16-Oct-13						
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg							
Duplicate (1342005-DUP1)				Source: P310047-01 Prepared: 14-Oct-13 Analyzed: 16-Oct-13						
Gasoline Range Organics (C6-C10)	ND	4.98	mg/kg		ND				30	
Matrix Spike (1342005-MS1)				Source: P310047-01 Prepared: 14-Oct-13 Analyzed: 16-Oct-13						
Gasoline Range Organics (C6-C10)	0.64		mg/L	0.450	0.04	132	75-125			SPK1

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Project Name: Hartman 23 #1
Project Number: 96052-1706
Project Manager: Crystal Tafoya

Reported:
21-Oct-13 13:35

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1342011 - 418 Freon Extraction										
Blank (1342011-BLK1)					Prepared & Analyzed: 15-Oct-13					
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
Duplicate (1342011-DUP1)					Source: P310048-01 Prepared & Analyzed: 15-Oct-13					
Total Petroleum Hydrocarbons	63.9	20.0	mg/kg		59.9			6.46	30	
Matrix Spike (1342011-MS1)					Source: P310048-01 Prepared & Analyzed: 15-Oct-13					
Total Petroleum Hydrocarbons	532		mg/L	500	15.0	103	80-120			

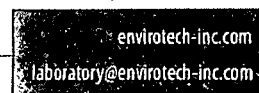
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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hartman 23 #1
Project Number: 96052-1706
Project Manager: Crystal Tafoya

Reported:
21-Oct-13 13:35

Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1342002 - Anion Extraction EPA 300.0										
Blank (1342002-BLK1)				Prepared & Analyzed: 14-Oct-13						
Chloride	ND	9.88	mg/kg							
LCS (1342002-BS1)				Prepared & Analyzed: 14-Oct-13						
Chloride	526	9.89	mg/kg	495		106	90-110			
Matrix Spike (1342002-MS1)				Source: P310047-01 Prepared & Analyzed: 14-Oct-13						
Chloride	535	9.91	mg/kg	496	ND	108	80-120			
Matrix Spike Dup (1342002-MSD1)				Source: P310047-01 Prepared & Analyzed: 14-Oct-13						
Chloride	544	9.97	mg/kg	499	ND	109	80-120	1.69	20	

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hartman 23 #1
Project Number: 96052-1706
Project Manager: Crystal Tafoya

Reported:
21-Oct-13 13:35

Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.
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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* NO RUSH

CHAIN OF CUSTODY RECORD

15823

Page 10 of 10

Client: <i>Conoco Phillips</i>			Project Name / Location: <i>Hartman 23 #1</i>			ANALYSIS / PARAMETERS														
Email results to: <i>crystal.tafaya @ cop.com</i>			Sampler Name: <i>C. Tafaya</i>			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			Sample Cool	Sample Intact	
Client Phone No.: <i>505-326-9837</i>			Client No.: <i>96052-1706</i>																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative															
					HNO ₃	HCl														
<i>Land farm</i>	<i>10/14</i>	<i>11:39 AM</i>	<i>P310048-01</i>	<i>1-462</i>			<i>X</i>	<i>X</i>	<i>X</i>					<i>X</i>	<i>X</i>			<i>X</i>	<i>X</i>	
Relinquished by: (Signature) <i>Crystal Tafaya</i>					Date <i>10/14</i>	Time <i>12:06 PM</i>	Received by: (Signature) <i>[Signature]</i>												Date <i>10/14/13</i>	Time <i>12:06</i>
Relinquished by: (Signature)							Received by: (Signature)													
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																				

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

AM 1/886168

BENALE



envirotech
Analytical Laboratory

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