

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SEP 04 2014

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

5. Lease Serial No. **SF-078389**

6. If Indian, Allottee or Tribe Name

**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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Burlington Resources Oil & Gas Company LP**

3a. Address

**PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code)

**(505) 326-9700**

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

8. Well Name and No.

**Lucerne A 2A**

9. API Well No.

**30-045-22504**

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

**Unit P (SESE), 800' FSL & 1180' FEL, Sec. 9, T31N, R10W**

10. Field and Pool or Exploratory Area

**Blanco PC / Blanco MV**

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	<b>Landfarm Closure</b>
	<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.)

**Burlington Resources discovered a landfarm on the subject location in June. The landfarm was sampled on 6/26/2014 with the results attached. Closure notification was sent to the BLM on 7/02/2014. The landfarm was closed 8/21/2014 with the rock and soil being transported to IEI for disposal. Pictures of the completed work are attached.**

RCVD SEP 9 '14

Accepted for Record  
05 Sep 2014

OIL CONS. DIV.  
DIST. 3

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

**Crystal Tafoya**

Title

**Field Environmental Specialist**

Signature

*Crystal Tafoya*

Date

9/3/2014

**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.



## Analytical Report

### Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 17135

Samples Received: 6/26/2014 3:45:00PM

Job Number: 96052-1706

Work Order: P406112

Project Name/Location: Lucerne A #2A

Entire Report Reviewed By:

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

Date: 6/30/14

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: Lucerne A #2A  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
30-Jun-14 15:48

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Lucerne A 2A	P406112-01A	Soil	06/26/14	06/26/14	Glass Jar, 4 oz.

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





ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Lucerne A #2A  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
30-Jun-14 15:48

**Lucerne A 2A**  
**P406112-01 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.05	mg/kg	1		1426035	06/26/14	06/27/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1		1426035	06/26/14	06/27/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1		1426035	06/26/14	06/27/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1		1426035	06/26/14	06/27/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1		1426035	06/26/14	06/27/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1		1426035	06/26/14	06/27/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1		1426035	06/26/14	06/27/14	EPA 8021B	
Surrogate: Bromochlorobenzene		111 %		80-120		1426035	06/26/14	06/27/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		110 %		80-120		1426035	06/26/14	06/27/14	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1		1426035	06/26/14	06/27/14	EPA 8015D	
Diesel Range Organics (C10-C28)	30.6	29.9	mg/kg	1		1426034	06/26/14	06/27/14	EPA 8015D	

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envirotech-inc.com  
laboratory@envirotech-inc.com



ConocoPhillips	Project Name:	Lucerne A #2A	
PO Box 2200	Project Number:	96052-1706	Reported:
Bartlesville OK, 74005	Project Manager:	Crystal Tafoya	30-Jun-14 15:48

### 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 1426035 - Purge and Trap EPA 5030A

<b>Blank (1426035-BLK1)</b>				Prepared: 26-Jun-14 Analyzed: 27-Jun-14						
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	52.5		ug/L	50.0		105	80-120			
Surrogate: Bromochlorobenzene	53.8		"	50.0		108	80-120			

<b>Duplicate (1426035-DUP1)</b>				Source: P406112-01		Prepared: 26-Jun-14 Analyzed: 27-Jun-14				
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	52.2		ug/L	50.0		104	80-120			
Surrogate: Bromochlorobenzene	54.3		"	50.0		109	80-120			

<b>Matrix Spike (1426035-MS1)</b>				Source: P406112-01		Prepared: 26-Jun-14 Analyzed: 27-Jun-14				
Benzene	49.8		ug/L	50.0	ND	99.6	39-150			
Toluene	51.5		"	50.0	ND	103	46-148			
Ethylbenzene	50.8		"	50.0	ND	102	32-160			
p,m-Xylene	105		"	100	ND	105	46-148			
o-Xylene	53.0		"	50.0	ND	106	46-148			
Surrogate: 1,3-Dichlorobenzene	50.9		"	50.0		102	80-120			
Surrogate: Bromochlorobenzene	54.5		"	50.0		109	80-120			

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ConocoPhillips	Project Name:	Lucerne A #2A	
PO Box 2200	Project Number:	96052-1706	Reported:
Bartlesville OK, 74005	Project Manager:	Crystal Tafoya	30-Jun-14 15:48

### 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
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#### Batch 1426034 - DRO Extraction EPA 3550C

<b>Blank (1426034-BLK1)</b>				Prepared: 26-Jun-14 Analyzed: 27-Jun-14						
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg							
<b>Duplicate (1426034-DUP1)</b>				Source: P406112-01 Prepared: 26-Jun-14 Analyzed: 27-Jun-14						
Diesel Range Organics (C10-C28)	30.9	29.9	mg/kg		30.6			1.09	30	
<b>Matrix Spike (1426034-MS1)</b>				Source: P406112-01 Prepared: 26-Jun-14 Analyzed: 27-Jun-14						
Diesel Range Organics (C10-C28)	292		mg/L	250	29.1	105	75-125			

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ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Lucerne A #2A  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
30-Jun-14 15:48

### 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
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#### Batch 1426035 - Purge and Trap EPA 5030A

##### Blank (1426035-BLK1)

Prepared: 26-Jun-14 Analyzed: 27-Jun-14

Gasoline Range Organics (C6-C10) ND 4.99 mg/kg

##### Duplicate (1426035-DUP1)

Source: P406112-01

Prepared: 26-Jun-14 Analyzed: 27-Jun-14

Gasoline Range Organics (C6-C10) ND 4.99 mg/kg ND 30

##### Matrix Spike (1426035-MS1)

Source: P406112-01

Prepared: 26-Jun-14 Analyzed: 27-Jun-14

Gasoline Range Organics (C6-C10) 0.51 mg/L 0.450 ND 113 75-125

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ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Lucerne A #2A  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

**Reported:**  
30-Jun-14 15:48

#### 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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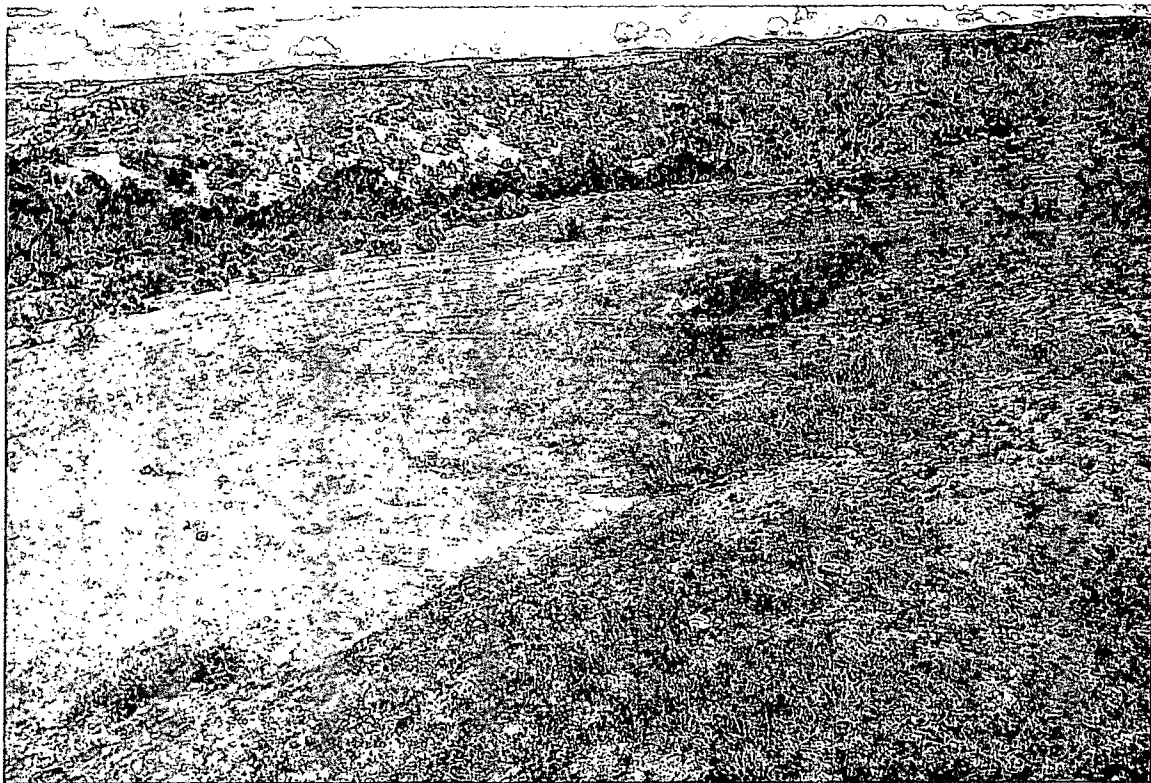



\*NO RUSH

# CHAIN OF CUSTODY RECORD

17135

Client: <u>ConocoPhillips</u>		Project Name / Location: <u>Lucerne A # 2A</u>				ANALYSIS / PARAMETERS													
Email results to: <u>Crystal.tafaya@cop.com</u>		Sampler Name: <u>C. Tafaya</u>				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.: <u>326-9837</u>		Client No.: <u>96052-1706</u>																	
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative														
					HNO <sub>3</sub>	HCl													
<u>Lucerne A 2A</u>	<u>6/26</u>	<u>9:10 AM</u>	<u>P40612-01</u>	<u>1-40Z</u>			<u>X</u>	<u>X</u>	<u>X</u>									<u>X</u>	<u>X</u>
Relinquished by: (Signature) <u>Crystal Tafaya</u>					Date	Time	Received by: (Signature) <u>[Signature]</u>					Date	Time						
Relinquished by: (Signature)					<u>6/26</u>	<u>5:45</u>	Received by: (Signature)					<u>6/26/14</u>	<u>15:15</u>						
Sample Matrix																			
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																			
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																			
<u>AM02349733</u> <u>GARRECH</u>										<u>27.1</u>									
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 **BURLINGTON** **RESOURCES** **COMPANY**

EMERGENCY NUMBER (505) 324-5170

**LUCERNE A No 2A (PM)**

LEASE SF 078389 - ELEV. 6173 'GL

800'S. 1180'E. SEC. 9 .T 31 N.R 10 W. N.M.P.M

SAN JUAN COUNTY, NEW MEXICO

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