

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 18 2013

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

**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.**

5. Lease Serial No. **NM-02491**  
6. If Indian, Allottee or Tribe Name  
**RCVD OCT 25 '13 OIL CONS. DIV.**

**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.

**DIST. 3**

8. Well Name and No.

**Murphy C 2**

9. API Well No.

**30-045-26831**

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

**Unit A(NENE), 1190' FNL & 790' FEL, Sec. 27, T30N, R11W,**

10. Field and Pool or Exploratory Area

**Blanco Mesaverde**

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 7/1/13 with the results attached. Closure notification was submitted to the BLM on 9/25/13. The landfarm was closed on 10/4/2013 with 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.**

ACCEPTED FOR RECORD

OCT 21 2013

FARMINGTON FIELD OFFICE  
BY \_\_\_\_\_

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

**Crystal Tafoya**

**Field Environmental Specialist**

Title

Signature

*Crystal Tafoya*

Date

10/10/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*[Signature]*

Title

**NRS**

Date

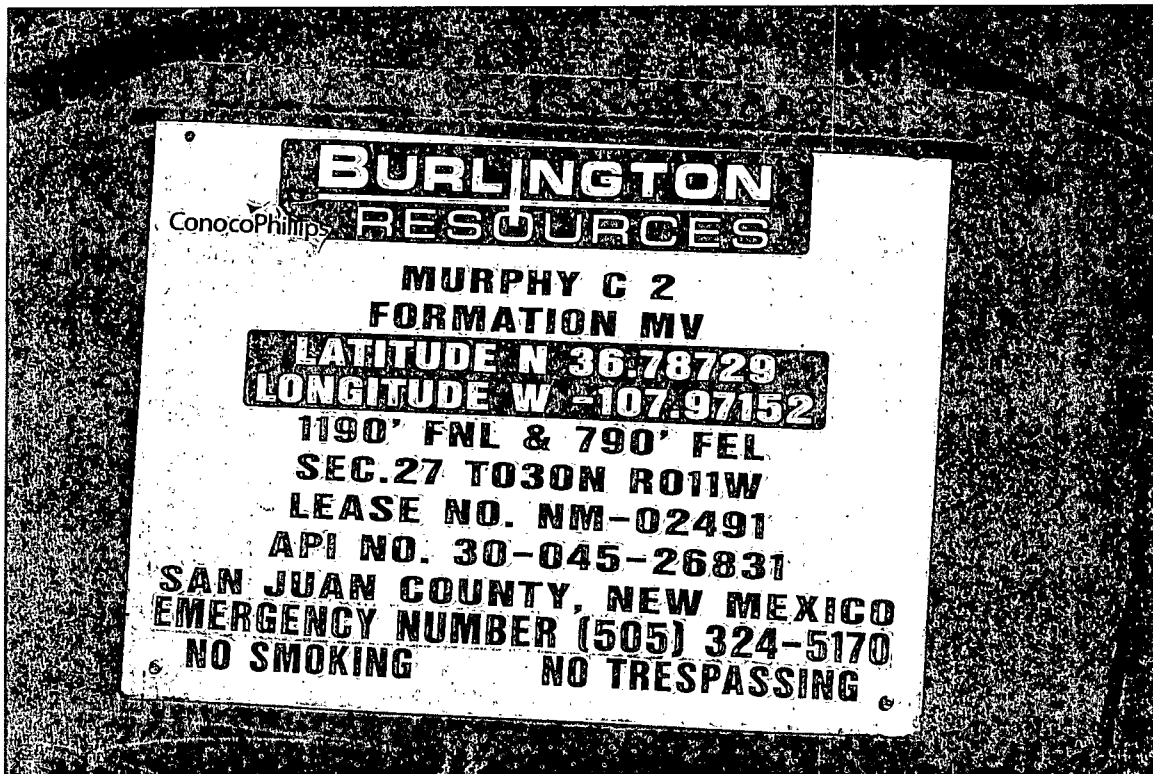
**10/21/13**

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.

Office **PFO**

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.

Accepted for Record JOK 11 7 2013





## Analytical Report

### Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 15665

Samples Received: 7/1/2013 12:23:00PM

Job Number: 96052-1706

Work Order: P307004

Project Name/Location: Murphy C 2

Entire Report Reviewed By:

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

Date: 7/9/13

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: Murphy C 2  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
09-Jul-13 16:09

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Murphy C #2	P307004-01A	Soil	07/01/13	07/01/13	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: Murphy C 2  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
09-Jul-13 16:09

**Murphy C #2**  
**P307004-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1327001	01-Jul-13	09-Jul-13	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1327001	01-Jul-13	09-Jul-13	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1327001	01-Jul-13	09-Jul-13	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1327001	01-Jul-13	09-Jul-13	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1327001	01-Jul-13	09-Jul-13	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1327001	01-Jul-13	09-Jul-13	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1327001	01-Jul-13	09-Jul-13	EPA 8021B	
Surrogate: Bromochlorobenzene		100 %	80-120		1327001	01-Jul-13	09-Jul-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.9 %	80-120		1327001	01-Jul-13	09-Jul-13	EPA 8021B	
Surrogate: Fluorobenzene		93.2 %	80-120		1327001	01-Jul-13	09-Jul-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1	1327002	01-Jul-13	09-Jul-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.00	mg/kg	1	1327002	01-Jul-13	09-Jul-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.00	mg/kg	1	1327002	01-Jul-13	09-Jul-13	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	20.0	mg/kg	1	1327021	03-Jul-13	03-Jul-13	EPA 418.1	
Cation/Anion Analysis									
Chloride	ND	10.0	mg/kg	1	1327015	02-Jul-13	02-Jul-13	EPA 300.0	

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ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Murphy C 2  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
09-Jul-13 16:09

**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 1327001 - Purge and Trap EPA 5030A**

**Blank (1327001-BLK1)**

Prepared & Analyzed: 01-Jul-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: Bromochlorobenzene	44.9		ug/L	50.0		89.7	80-120			
Surrogate: 1,4-Difluorobenzene	47.1		"	50.0		94.1	80-120			
Surrogate: Fluorobenzene	46.7		"	50.0		93.4	80-120			

**Duplicate (1327001-DUP1)**

Source: P307001-01

Prepared & Analyzed: 01-Jul-13

Benzene	ND	0.20	mg/kg		ND				30	
Toluene	ND	0.20	"		ND				30	
Ethylbenzene	0.21	0.20	"		0.39			61.9	30	D1
p,m-Xylene	1.07	0.20	"		1.29			18.4	30	
o-Xylene	0.57	0.20	"		0.58			1.23	30	
Surrogate: Bromochlorobenzene	52.7		ug/L	50.0		105	80-120			
Surrogate: 1,4-Difluorobenzene	52.7		"	50.0		105	80-120			
Surrogate: Fluorobenzene	54.5		"	50.0		109	80-120			

**Matrix Spike (1327001-MS1)**

Source: P307001-01

Prepared & Analyzed: 01-Jul-13

Benzene	48.8		ug/L	50.0	3.65	90.3	39-150			
Toluene	51.3		"	50.0	1.79	99.0	46-148			
Ethylbenzene	50.9		"	50.0	7.85	86.1	32-160			
p,m-Xylene	104		"	100	25.9	77.8	46-148			
o-Xylene	52.5		"	50.0	11.6	81.6	46-148			
Surrogate: Bromochlorobenzene	42.5		"	50.0		84.9	80-120			
Surrogate: 1,4-Difluorobenzene	55.4		"	50.0		111	80-120			
Surrogate: Fluorobenzene	57.4		"	50.0		115	80-120			

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ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Murphy C 2  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
09-Jul-13 16:09

### 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 1327002 - GRO/DRO Extraction EPA 3550C

##### Blank (1327002-BLK1)

Prepared & Analyzed: 01-Jul-13

Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg
Diesel Range Organics (C10-C28)	ND	5.00	"
GRO and DRO Combined Fractions	ND	5.00	"

##### Duplicate (1327002-DUP1)

Source: P306145-01

Prepared & Analyzed: 01-Jul-13

Gasoline Range Organics (C6-C10)	396	5.00	mg/kg	404	2.03	30
Diesel Range Organics (C10-C28)	2770	5.00	"	2680	3.39	30

##### Matrix Spike (1327002-MS1)

Source: P306145-01

Prepared & Analyzed: 01-Jul-13

Gasoline Range Organics (C6-C10)	702	5.26	mg/kg	263	404	113	75-125
Diesel Range Organics (C10-C28)	3150	5.26	"	263	2680	180	75-125

SPK1

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ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Murphy C 2  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
09-Jul-13 16:09

### 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
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#### Batch 1327021 - 418 Freon Extraction

##### Blank (1327021-BLK1)

Prepared & Analyzed: 03-Jul-13

Total Petroleum Hydrocarbons ND 20.0 mg/kg

##### Duplicate (1327021-DUP1)

Source: P307004-01

Prepared & Analyzed: 03-Jul-13

Total Petroleum Hydrocarbons ND 20.0 mg/kg ND 30

##### Matrix Spike (1327021-MS1)

Source: P307004-01

Prepared & Analyzed: 03-Jul-13

Total Petroleum Hydrocarbons 1930 20.0 mg/kg 2000 ND 96.8 80-120

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laboratory@envirotech-inc.com





ConocoPhillips	Project Name:	Murphy C 2	Reported: 09-Jul-13 16:09
PO Box 2200	Project Number:	96052-1706	
Bartlesville OK, 74005	Project Manager:	Crystal Tafoya	

### 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 1327015 - Anion Extraction EPA 300.0

##### Blank (1327015-BLK1)

Prepared & Analyzed: 02-Jul-13

Chloride ND 40.0 mg/kg

##### Duplicate (1327015-DUP1)

Source: P307004-01

Prepared & Analyzed: 02-Jul-13

Chloride ND 40.0 mg/kg ND 30

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





ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Murphy C 2  
Project Number: 96052-1706  
Project Manager: Crystal Tafoya

Reported:  
09-Jul-13 16:09

#### 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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# CHAIN OF CUSTODY RECORD

15665

Page 9 of 9

Client: <b>ConocoPhillips</b>			Project Name / Location: <b>Murphy C 2</b>			ANALYSIS / PARAMETERS														
Email results to: <b>Crystal.tafoya@cap.com</b>			Sampler Name: <b>C. Tafoya</b>			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.: <b>326-9837</b>			Client No.: <b>96052-1706</b>																	
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			Sample Cool	Sample Intact
					HNO <sub>3</sub>	HCl														
Murphy C #2	7/1/13	8:58 AM	P307004-01	1-402			X	X	X						X	X			X	X
Relinquished by: (Signature) <i>Crystal Tafoya</i>					Date	Time	Received by: (Signature) <i>Dene Dizon</i>					Date	Time							
Relinquished by: (Signature) <i>Crystal Tafoya</i>					7/1	10:55 AM	Received by: (Signature)					7/1/13	12:23							
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.																				
<b>AMP 2314101</b> <b>BENACE</b>																				
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