

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

NOV 13 2014

Field Office  
SUNDRI, NM

SUNDRI, NM

**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.

5. Lease Serial No.

Contract 145

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

8. Well Name and No.

Jicarilla K12

9. API Well No.

30-039-20286

10. Field and Pool or Exploratory Area

Basin Dakota

11. Country or Parish, State

Rio Arriba, New Mexico

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

ConocoPhillips Company

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

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

O-02-25N-05W 930' FSL & 2150' FEL

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.)

The landfarm was sampled on 2/25/2014 with the results attached. Closure notification was sent to the BLM on 3/24/2014 The landfarm was closed 10/30/2014 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

NOV 18 2014

Accepted for Record  
14 NOV 2014

*[Signature]*

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

Lindsay Dumas

Field Environmental Specialist

Title

Signature

*Lindsay Dumas*

Date

11/10/2014

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.

# ConocoPhillips Company

JICARILLA K 12

CONTRACT 145

API NO. 30-039-20286

SW/SE, 930' FSL & 2150' FEL

SEC.02 T025N R005W

RIO ARRIBA COUNTY, NM ELEV 6693

LAT:36° 25' 27" LONG:107° 19' 35"

EMERGENCY NUMBER (505) 324-5170

NO SMOKING

NO TRESPASSING





## Analytical Report

### Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 16352

Samples Received: 2/26/2014 10:30:00AM

Job Number: 96052-1706

Work Order: P402089

Project Name/Location: Jicarilla K12 Landfarm

Entire Report Reviewed By:

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

Date: 3/6/14

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: Jicarilla K12 Landfarm  
Project Number: 96052-1706  
Project Manager: Lindsay Dumas

Reported:  
06-Mar-14 13:39

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Landfarm	P402089-01A	Soil	02/25/14	02/26/14	Glass Jar, 4 oz.

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laboratory@envirotech-inc.com



ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Jicarilla K12 Landfarm  
Project Number: 96052-1706  
Project Manager: Lindsay Dumas

Reported:  
06-Mar-14 13:39

**Landfarm**  
**P402089-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.05	mg/kg	1	1409012	02/26/14	03/06/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1409012	02/26/14	03/06/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1409012	02/26/14	03/06/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1409012	02/26/14	03/06/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1409012	02/26/14	03/06/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1409012	02/26/14	03/06/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1409012	02/26/14	03/06/14	EPA 8021B	
Surrogate: Bromochlorobenzene		98.3 %		80-120	1409012	02/26/14	03/06/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		96.4 %		80-120	1409012	02/26/14	03/06/14	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1409012	02/26/14	03/06/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg	1	1409013	02/26/14	02/27/14	EPA 8015D	
<b>Total Petroleum Hydrocarbons by 418.1</b>									
Total Petroleum Hydrocarbons	67.9	20.0	mg/kg	1	1410010	03/04/14	03/04/14	EPA 418.1	
<b>Cation/Anion Analysis</b>									
Chloride	ND	9.83	mg/kg	1	1410009	03/04/14	03/04/14	EPA 300.0	

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ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Jicarilla K12 Landfarm  
Project Number: 96052-1706  
Project Manager: Lindsay Dumas

Reported:  
06-Mar-14 13:39

### 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 1409012 - Purge and Trap EPA 5030A

##### Blank (1409012-BLK1)

Prepared: 26-Feb-14 Analyzed: 27-Feb-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	50.0		ug/L	50.0		99.9	80-120			
Surrogate: Bromochlorobenzene	51.7		"	50.0		103	80-120			

##### Duplicate (1409012-DUP1)

Source: P402091-01

Prepared: 26-Feb-14 Analyzed: 27-Feb-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	52.8		ug/L	50.0		106	80-120			
Surrogate: Bromochlorobenzene	56.8		"	50.0		114	80-120			

##### Matrix Spike (1409012-MS1)

Source: P402091-01

Prepared: 26-Feb-14 Analyzed: 27-Feb-14

Benzene	49.0		ug/L	50.0	ND	97.9	39-150			
Toluene	48.7		"	50.0	ND	97.5	46-148			
Ethylbenzene	49.0		"	50.0	ND	98.0	32-160			
p,m-Xylene	98.5		"	100	ND	98.5	46-148			
o-Xylene	49.7		"	50.0	ND	99.4	46-148			
Surrogate: 1,3-Dichlorobenzene	50.0		"	50.0		100	80-120			
Surrogate: Bromochlorobenzene	53.9		"	50.0		108	80-120			

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ConocoPhillips	Project Name:	Jicarilla K12 Landfarm	Reported: 06-Mar-14 13:39
PO Box 2200	Project Number:	96052-1706	
Bartlesville OK, 74005	Project Manager:	Lindsay Dumas	

### 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 1409012 - Purge and Trap EPA 5030A

<b>Blank (1409012-BLK1)</b>				Prepared: 26-Feb-14 Analyzed: 27-Feb-14						
Gasoline Range Organics (C6-C10)	ND	4.98	mg/kg							
<b>Duplicate (1409012-DUP1)</b>				Source: P402091-01 Prepared: 26-Feb-14 Analyzed: 27-Feb-14						
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg		ND				30	
<b>Matrix Spike (1409012-MS1)</b>				Source: P402091-01 Prepared: 26-Feb-14 Analyzed: 27-Feb-14						
Gasoline Range Organics (C6-C10)	0.45		mg/L	0.450	ND	99.1	75-125			

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ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Jicarilla K12 Landfarm  
Project Number: 96052-1706  
Project Manager: Lindsay Dumas

Reported:  
06-Mar-14 13:39

### 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 1409013 - DRO Extraction EPA 3550C

##### Blank (1409013-BLK1)

Prepared & Analyzed: 26-Feb-14

Diesel Range Organics (C10-C28) ND 30.0 mg/kg

##### Duplicate (1409013-DUP1)

Source: P402091-01

Prepared & Analyzed: 26-Feb-14

Diesel Range Organics (C10-C28) 75.1 30.0 mg/kg 97.9 26.4 30

##### Matrix Spike (1409013-MS1)

Source: P402091-01

Prepared & Analyzed: 26-Feb-14

Diesel Range Organics (C10-C28) 178 31.6 mg/kg 263 97.9 30.3 75-125 SPK1

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Project Name: Jicarilla K12 Landfarm  
Project Number: 96052-1706  
Project Manager: Lindsay Dumas

Reported:  
06-Mar-14 13:39

### 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 1410010 - 418 Freon Extraction

##### Blank (1410010-BLK1)

Prepared & Analyzed: 04-Mar-14

Total Petroleum Hydrocarbons ND 20.0 mg/kg

##### Duplicate (1410010-DUP1)

Source: P402063-01

Prepared & Analyzed: 04-Mar-14

Total Petroleum Hydrocarbons 240 20.0 mg/kg 248 3.29 30

##### Matrix Spike (1410010-MS1)

Source: P402063-01

Prepared & Analyzed: 04-Mar-14

Total Petroleum Hydrocarbons 2170 20.0 mg/kg 2000 248 96.4 80-120

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ConocoPhillips  
PO Box 2200  
Bartlesville OK, 74005

Project Name: Jicarilla K12 Landfarm  
Project Number: 96052-1706  
Project Manager: Lindsay Dumas

Reported:  
06-Mar-14 13:39

### 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 1410009 - Anion Extraction EPA 300.0

##### Blank (1410009-BLK1)

Prepared & Analyzed: 04-Mar-14

Chloride	ND	9.87	mg/kg
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##### LCS (1410009-BS1)

Prepared & Analyzed: 04-Mar-14

Chloride	473	9.91	mg/kg	496	95.4	90-110
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##### Matrix Spike (1410009-MS1)

Source: P402063-01

Prepared & Analyzed: 04-Mar-14

Chloride	633	9.95	mg/kg	498	184	90.3	80-120
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##### Matrix Spike Dup (1410009-MSD1)

Source: P402063-01

Prepared & Analyzed: 04-Mar-14

Chloride	655	9.90	mg/kg	495	184	95.0	80-120	3.33	20
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PO Box 2200  
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Project Name: Jicarilla K12 Landfarm  
Project Number: 96052-1706  
Project Manager: Lindsay Dumas

Reported:  
06-Mar-14 13:39

#### Notes and Definitions

SPK I 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

16352

Client: Conoco Phillips			Project Name / Location: Jicarilla R12 Landfarm			ANALYSIS / PARAMETERS														
Email results to: Lindsay.Dumas@cop.com			Sampler Name: Lindsay Dumas			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.: 505-599-4089			Client No.: 96052-1706																	
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No. / Volume of Containers	Preservative HNO <sub>3</sub> HCl															
Landfarm	2/25/14	3:06 PM	P402089-01 P408	1-40Z			X	X	X						X	X			X	X
Relinquished by: (Signature) Lindsay Dumas				Date 2/26/14	Time 10:24 AM	Received by: (Signature) Miriam Joe				Date 2/26/14	Time 10:30									
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"/>																				
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																				
AMD 18841804 LINDAJ *NO RUSH*								19.4												
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