

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office to
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company ConocoPhillips Company	Contact Lindsay Dumas
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 599-4089
Facility Name: Lindrith B 25	Facility Type: Oil Well
Surface Owner Public	Mineral Owner Fee
API No. 3003923247	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	09	24N	03W	1250	South	1840	East	Rio Arriba

Latitude **36.3211166** Longitude **-107.1593166**

NATURE OF RELEASE

Type of Release Unknown	Volume of Release unknown	Volume Recovered 0
Source of Release Unknown-Historic Contamination found during a Plug & Abandon	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 9/10/13
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

RCVD JAN 29 '14

**OIL CONS. DIV.
DIST. 3**

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Historic contamination was discovered during a plug & abandon project on location. Third part environmental company contacted for assessment.

Describe Area Affected and Cleanup Action Taken.*

The excavation was 60' X 60' X 3' in depth and 800 c/yds of soils was transported to TNT land farm and 300 c/yds of clean soil was transported from Candelaria Ranch and placed in the excavation site. Analytical results were below the regulatory standards – no further action required. The soil sampling report is attached for review.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Lindsay Dumas</i>	OIL CONSERVATION DIVISION	
Printed Name: Lindsay Dumas	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Field Environmental Specialist	Approval Date: 9/4/14	Expiration Date:
E-mail Address: Lindsay.Dumas@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/28/14 Phone: (505) 599-4089		

* Attach Additional Sheets If Necessary

#NCS 1424748155

(18)



January 16, 2014

Project Number 96052-2390

Ms. Ashley Maxwell
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87402

RCVD JAN 29 '14
OIL CONS. DIV.
DIST. 3

Phone: (505) 215-8529

RE: CONFIRMATION SAMPLING DOCUMENTATION FOR THE LINDRITH B #25, RIO ARRIBA COUNTY, NEW MEXICO

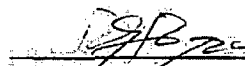
Dear Ms. Maxwell:

Enclosed please find the field notes and analytical results for confirmation sampling activities performed at the Lindrith B #25 well site located in Section 9, Township 24 North, Range 3 West, Rio Arriba County, New Mexico. Upon Envirotech personnel's arrival on September 18, 2013, a brief site assessment was conducted. The regulatory standards for the site were determined to be 100 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors due to a horizontal distance to surface water being between 200 and 1000 feet from the location, a depth to groundwater being between 50 and 100 feet, and the well site not being located within a well head protection area, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

Prior to Envirotech personnel's arrival, an area of approximate dimensions of 55 feet by 50 feet by three (3) feet below ground surface (BGS) had been excavated; see enclosed **Field Notes**. The excavation was divided into four (4) sections: Northwest, Northeast, Southeast and Southwest. One (1) five (5)-point composite soil sample was collected from each of the four (4) sections; see enclosed **Field Notes** for sample locations. The samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). The Northwest and Northeast sections returned results above the regulatory standard for TPH, but below the regulatory standard for organic vapor. The Southeast and Southwest sections returned results below the regulatory standard for TPH and organic vapor; see enclosed **Summary of Analytical Results** and **Analytical Results**. The Northwest and Northeast section samples were placed into four (4)-ounce glass jars, capped head space free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015. Both samples returned results below the regulatory standard for TPH; see enclosed **Summary of Analytical Results** and **Analytical Results**. Therefore, Envirotech, Inc. recommends no further action in regards to this project.

We appreciate the opportunity to be of service. Should you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.


Rene Garcia-Reyes, Chemist
Staff Scientist
rgarcia@envirotech-inc.com

Enclosure(s): Summary of Analytical Results
Analytical Results
Field Notes

Cc: Client File Number 96052

Table 1, Summary of Analytical Results
 ConocoPhillips
 Lindrith B #25
 Confirmation Sampling Report
 Rio Arriba County, New Mexico
 Project Number 96052-2390

Sample Description	Sample Number	Date	TPH 418.1 (ppm)	TPH USEPA Method 8015 (ppm)	OVM (ppm)
NMOCB/RCRA Standards	NA	NA	100	100	100
Northwest (NW)	1	9/18/2013	168	67.6	5.8
Northeast (NE)	2	9/18/2013	336	23.0	1.0
Southeast (SE)	3	9/18/2013	88	NS	ND
Southwest (SW)	4	9/18/2013	16	NS	ND

NS = Not Sampled

ND = Non-Detect at Stated Method's Detection Limit

* Values in **BOLD** above regulatory standards



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: ConocoPhillips
Sample No.: 1
Sample ID: Northwest (NW)
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-2390
Date Reported: 10/15/2013
Date Sampled: 9/18/2013
Date Analyzed: 9/18/2013
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

Total Petroleum Hydrocarbons	168	5.0
------------------------------	-----	-----

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Lindrith B #25**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

Rene Garcia-Reyes
Printed

Review

Toni McKnight, EIT
Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 2
Sample ID: Northeast (NE)
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-2390
Date Reported: 10/15/2013
Date Sampled: 9/18/2013
Date Analyzed: 9/18/2013
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	336	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Lindrith B #25**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

Rene Garcia-Reyes

Printed

Review

Toni McKnight, EIT

Printed



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: ConocoPhillips
Sample No.: 3
Sample ID: Southeast (SE)
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-2390
Date Reported: 10/15/2013
Date Sampled: 9/18/2013
Date Analyzed: 9/18/2013
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	88	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Lindrith B #25**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

Rene Garcia-Reyes

Printed

Review

Toni McKnight, EIT

Printed



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-2390
Sample No.:	4	Date Reported:	10/15/2013
Sample ID:	Southwest (SW)	Date Sampled:	9/18/2013
Sample Matrix:	Soil	Date Analyzed:	9/18/2013
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	16	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Lindrith B #25**

Instrument calibrated to 500 ppm standard and zeroed before each sample.

Analyst

Rene Garcia-Reyes

Printed

Review

Toni McKnight, EIT

Printed



CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 18-Sep-13

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	500
	200	
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

Rene Garcia-Reyes

Print Name

Review

Toni McKnight, EIT

Print Name

Date

10/15/2013

Date

10/15/2013



Analytical Report

Report Summary

Client: ConocoPhillips

Chain Of Custody Number: 16121

Samples Received: 9/18/2013 3:55:00PM

Job Number: 96052-2390

Work Order: P309093

Project Name/Location: Lindrith B #25

Confirmation Sampling

Entire Report Reviewed By:

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

Date: 9/20/13

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 PO Box 2200 Bartlesville OK, 74005	Project Name: Lindrith B #25 Confirmation Sampling Project Number: 96052-2390 Project Manager: Rene Garcia Reyes	Reported: 20-Sep-13 11:41
---	--	------------------------------

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1	P309093-01A	Soil	09/18/13	09/18/13	Glass Jar, 4 oz.
2	P309093-02A	Soil	09/18/13	09/18/13	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

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

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





ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Lindriih B #25 Confirmation Sampling
Project Number: 96052-2390
Project Manager: Rene Garcia Reyes

Reported:
20-Sep-13 11:41

1

P309093-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1338021	09/18/13	09/19/13	EPA 8015D	
Diesel Range Organics (C10-C28)	67.6	4.99	mg/kg	1	1338021	09/18/13	09/19/13	EPA 8015D	
GRO and DRO Combined Fractions	67.6	4.99	mg/kg	1	1338021	09/18/13	09/19/13	EPA 8015D	

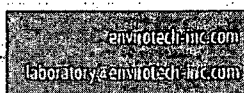
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

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: Lindrith B #25 Confirmation Sampling Project Number: 96052-2390 Project Manager: Rene Garcia Reyes	Reported: 20-Sep-13 11:41
---	--	------------------------------

2

P309093-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.98	mg/kg	1	1338021	09/18/13	09/19/13	EPA 8015D	
Diesel Range Organics (C10-C28)	23.0	4.98	mg/kg	1	1338021	09/18/13	09/19/13	EPA 8015D	
GRO and DRO Combined Fractions	23.0	4.98	mg/kg	1	1338021	09/18/13	09/19/13	EPA 8015D	

Partial or Incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

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 Fx (800) 362-1879





ConocoPhillips	Project Name:	Lindrih B #25 Confirmation Sampling	Reported:
PO Box 2200	Project Number:	96052-2390	20-Sep-13 11:41
Bartlesville OK, 74005	Project Manager:	Rene Garcia Reyes	

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 1338021 - GRO/DRO Extraction EPA 3550C

Blank (1338021-BLK1)

Prepared: 18-Sep-13 Analyzed: 19-Sep-13

Gasoline Range Organics (C6-C10)	ND	4.98	mg/kg
Diesel Range Organics (C10-C28)	ND	4.98	"
GRO and DRO Combined Fractions	ND	4.98	"

Duplicate (1338021-DUP1)

Source: P309089-01

Prepared: 18-Sep-13 Analyzed: 19-Sep-13

Gasoline Range Organics (C6-C10)	19.9	4.99	mg/kg	24.9	22.1	30
Diesel Range Organics (C10-C28)	245	4.99	"	257	4.86	30

Matrix Spike (1338021-MS1)

Source: P309089-01

Prepared: 18-Sep-13 Analyzed: 19-Sep-13

Gasoline Range Organics (C6-C10)	291	5.26	mg/kg	263	24.9	101	75-125
Diesel Range Organics (C10-C28)	537	5.26	"	263	257	106	75-125

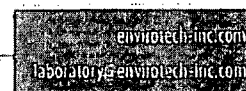
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

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	Project Name:	Lindrih B #25 Confirmation Sampling	Reported:
PO Box 2200	Project Number:	96052-2390	20-Sep-13 11:41
Bartlesville OK, 74005	Project Manager:	Rene Garcia Reyes	

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

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

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


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



CHAIN OF CUSTODY RECORD

16121

Page 7 of 7

Client: COPE		Project Name / Location: Linderoth BATS Confirmation Sampling				ANALYSIS / PARAMETERS																																													
Email results to:		Sampler Name: Rene Garcia Reyes				<table border="1"> <tr> <th>TPH (Method 8015)</th> <th>BTEX (Method 8021)</th> <th>VOC (Method 8260)</th> <th>RCRA 8 Metals</th> <th>Cation / Anion</th> <th>RCI</th> <th>TCLP with H/P</th> <th>CO Table 910-1</th> <th>TPH (418.1)</th> <th>CHLORIDE</th> <th></th> <th></th> <th></th> <th></th> <th>Sample Cool</th> <th>Sample Intact</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>														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																
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.:		Client No.: 96052-2390																																																	
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 ₃	HCl	Other																																												
1	9/18	12:30	P309093-01	402			X	X																																											
2	9/18	12:45	P309093-02	402			X	X																																											
Relinquished by: (Signature) RGR					Date 9/18	Time 15:55	Received by: (Signature) [Signature]					Date 9/18/13	Time 1555																																						
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. <div style="display: flex; justify-content: space-between; align-items: center;"> ROSA  </div>																																																			

Client: **COPC**Project No: **96052-2320**COC No: **16121****FIELD REPORT: SPILL CLOSURE VERIFICATION**PAGE NO: **1** OF **1**DATE STARTED: **9/18/13**

DATE FINISHED:

LOCATION: NAME: **Kindred B** WELL #: **25**QUAD/UNIT: **0** SEC: **9** TWP: **24N** RNG: **3E** CNTY: **PA** ST: **NM**QTR/FOOTAGE: CONTRACTOR: **envirotech**

ENVIRONMENTAL

SPECIALIST: **Rene**EXCAVATION APPROX: **55** FT. X **55** FT. X **2-3** FT. DEEP CUBIC YARDAGE:DISPOSAL FACILITY: REMEDIATION METHOD: **land farm**LAND USE: **Grazing/Hunting** LEASE: LAND OWNER: **Cande Haria**

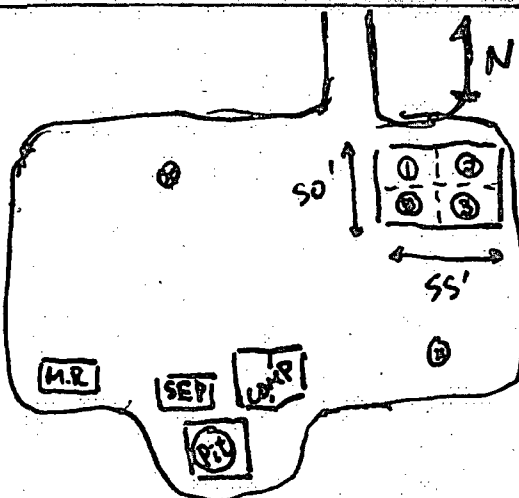
CAUSE OF RELEASE: MATERIAL RELEASED:

SPILL LOCATED APPROXIMATELY: **90'** FT. **East** FROM **Wellhead**

DEPTH TO GROUNDWATER: NEAREST WATER SOURCE: NEAREST SURFACE WATER:

NMOCD RANKING SCORE: **80** NMOCD TPH CLOSURE STD: **100** PPM**SOIL AND EXCAVATION DESCRIPTION:**

SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB NO.	WEIGHT (g)	ml FREON	DILUTION	READING	CALC: ppm
500, 1000	12:15	STD					500, 1000	(Recall)
NW	12:30	1		5	20	4	42	168
NE	12:45	2		1	1	1	84	336
SE	13:00	3		2	2	1	22	88
SW	13:15	4		2	2	1	4	16

SPILL PERIMETER**OVN
RESULTS****SPILL PROFILE**

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	5.8
2	1.0
3	N.D.
4	N.D.

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES: CALLED OUT: ONSITE: