

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 October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Burlington Resources, a Wholly Owned Subsidiary of ConocoPhillips Company	Contact Kelsi Harrington
Address 3401 E. 30th St., Farmington, NM 87402	Telephone No. 505-599-3403
Facility Name Culpepper Martin 14A	Facility Type Gas Well API # 3004522327
Surface Owner Private	Mineral Owner Private Lease No.

LOCATION OF RELEASE

Unit Letter P	Section 32	Township 32N	Range 12W	Feet from the 1160'	North/South Line South	Feet from the 990'	East/West Line East	County San Juan
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Latitude 36.93822° N Longitude -108.11244° W

NATURE OF RELEASE

Type of Release – Produced Water & Condensate	Volume of Release – 10 BBL (3 BBL PW & 7 BBL Condensate)	Volume Recovered – 0 BBL
Source of Release: Production Tank	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 8/5/10 3:00 p.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? RCVD AUG 25 '10	
By Whom? OIL CONS. DIV.	Date and Hour –	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. DIST. 3	
If a Watercourse was Impacted, Describe Fully.*		

Describe Cause of Problem and Remedial Action Taken.* **On August 5, 2010, it was discovered that the Production Tank was leaking as a result of corrosion. Upon discovery, the leak was plugged.**

Describe Area Affected and Cleanup Action Taken.* **All fluid remained within the berm. A spill assessment was completed. Analytical results were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases; therefore no further action is needed.**

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>Kelsi Harrington</i>	OIL CONSERVATION DIVISION	
Printed Name: Kelsi Harrington	Approved by District Supervisor: <i>[Signature]</i> For: CR	
Title: Environmental Consultant	Approval Date: 9/21/10	Expiration Date:
E-mail Address: kelsi.g.harrington@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/23/10 Phone: 505-599-3403		

* Attach Additional Sheets If Necessary

4BP1026429281

12



August 13, 2010

Project Number 92115-1381

Ms. Kelsi Harrington
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401

Phone: (505) 599-3403
Fax: (505) 599-4005

**RE: SPILL ASSESSMENT DOCUMENTATION FOR THE CULPEPPER MARTIN #14A (hBr)
WELL SITE, SAN JUAN COUNTY, NEW MEXICO**

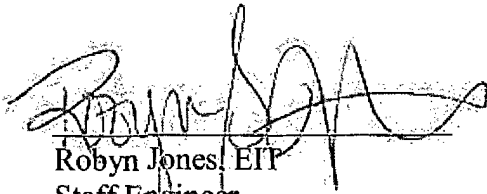
Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for spill assessment activities performed at the Culpepper Martin #14A (hBr) well site located in Section 32, Township 32N, Range 12W, San Juan County, New Mexico. Upon Envirotech's arrival on August 11, 2010, a brief site assessment was conducted. Because distance to surface water was between 200 and 1000 feet from the well site, the regulatory standard for the site was determined to be 1000 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

Three (3) samples were collected from the area around the above-grade storage tank (AST); see attached **Field Notes**. One (1) sample was collected from three (3) feet diagonally beneath the grade band. One (1) sample was collected from one (1) foot below ground surface (BGS) outside of the grade band. One (1) composite sample was collected from the surface outside of the grade band. All samples were screened in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). The sample collected from beneath the grade band and the sample collected from one (1) foot BGS outside the grade band returned results below the regulatory standard for TPH and organic vapors. The sample collected from the surface returned results above the regulatory standard for TPH and organic vapors. The surface sample was then placed into a four (4)-ounce glass jar, capped head space free, and transported on ice, under chain of custody, to Envirotech's Laboratory to be analyzed for TPH using USEPA Method 8015 and for benzene and BTEX using USEPA Method 8021. The sample returned results below regulatory standards for all constituents analyzed; see attached **Analytical Results**. Envirotech, Inc. recommends no further action in regards to this incident.

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

Respectfully Submitted,
ENVIROTECH, INC.



Robyn Jones, EIT
Staff Engineer
rjones@envirotech-inc.com

Enclosure(s): Analytical Results
Field Notes

Cc: Client File 92115



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	92115-1381
Sample No.:	1	Date Reported:	8/12/2010
Sample ID:	3' Diagonal Beneath Grade Band	Date Sampled:	8/11/2010
Sample Matrix:	Soil	Date Analyzed:	8/11/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

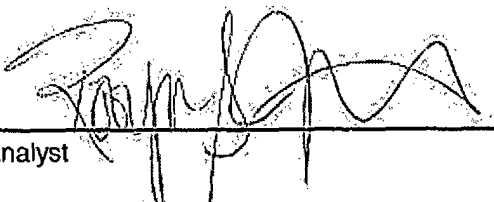
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	ND	5.0

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: **Culpepper Martin #14A**

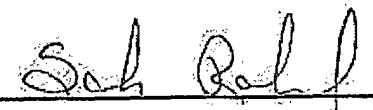
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Robyn Jones, EIT

Printed



Review

Sarah Rowland, EIT

Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	92115-1381
Sample No.:	2	Date Reported:	8/12/2010
Sample ID:	1' BGS Outside Grade Band	Date Sampled:	8/11/2010
Sample Matrix:	Soil	Date Analyzed:	8/11/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

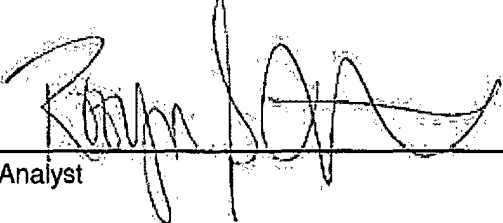
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	ND	5.0

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: **Culpepper Martin #14A**

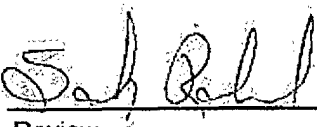
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Robyn Jones, EIT

Printed



Review

Sarah Rowland, EIT

Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	92115-1381
Sample No.:	3	Date Reported:	8/12/2010
Sample ID:	Surface Outside Grade Band	Date Sampled:	8/11/2010
Sample Matrix:	Soil	Date Analyzed:	8/11/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

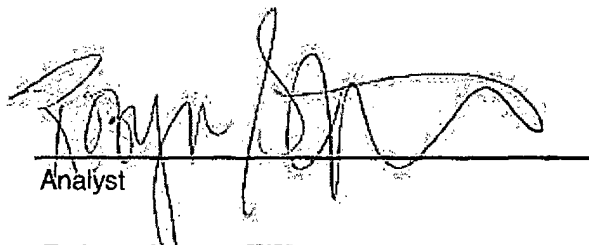
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	2,010	5.0

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: **Culpepper Martin #14A**

Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Robyn Jones, EIT
Printed



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Sarah Rowland, EIT
Printed

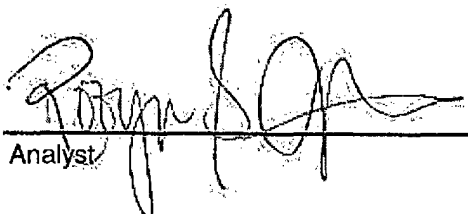


CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 11-Aug-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	188
	204	
	500	
	1000	

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


Analyst

Robyn Jones, EIT
Print Name


Review

Sarah Rowland, EIT
Print Name

8/12/2010
Date

8/12/2010
Date



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Analytical Laboratory

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Client:	ConocoPhillips	Project #:	92115-1381
Sample ID:	Surface Comp	Date Reported:	08-12-10
Laboratory Number:	55512	Date Sampled:	08-11-10
Chain of Custody No:	10182	Date Received:	08-11-10
Sample Matrix:	Soil	Date Extracted:	08-11-10
Preservative:	Cool	Date Analyzed:	08-12-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	148	0.2
Diesel Range (C10 - C28)	174	0.1
Total Petroleum Hydrocarbons	322	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Culpepper Martin #14A**


Analyst


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Analytical Laboratory

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-12-10 QA/QC	Date Reported:	08-12-10
Laboratory Number:	55496	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	08-12-10	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	08-12-10	9.9960E+002	1.0000E+003	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2


Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

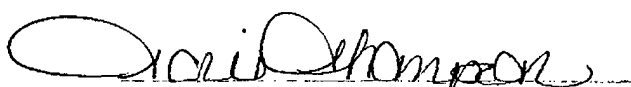
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	255	102%	75 - 125%
Diesel Range C10 - C28	ND	250	258	103%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 55496-55501, 55512


Analyst


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Analytical Laboratory

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	92115-1381
Sample ID:	Surface Comp	Date Reported:	08-12-10
Laboratory Number:	55512	Date Sampled:	08-11-10
Chain of Custody:	10182	Date Received:	08-11-10
Sample Matrix:	Soil	Date Analyzed:	08-12-10
Preservative:	Cool	Date Extracted:	08-11-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	9.6	0.9
Toluene	ND	1.0
Ethylbenzene	2.1	1.0
p,m-Xylene	35.6	1.2
o-Xylene	11.5	0.9
Total BTEX	58.8	

ND - Parameter not detected at the stated detection limit.


Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	102 %
	1,4-difluorobenzene	96.8 %
	Bromochlorobenzene	101 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Culpepper Martin #14A


Analyst


Review



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Analytical Laboratory

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0811BBLK QA/QC	Date Reported:	08-12-10
Laboratory Number:	55496	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-12-10
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	1.0385E+007	1.0406E+007	0.2%	ND	0.1
Toluene	6.6041E+006	6.6174E+006	0.2%	ND	0.1
Ethylbenzene	5.0400E+006	5.0501E+006	0.2%	ND	0.1
p,m-Xylene	1.1583E+007	1.1606E+007	0.2%	ND	0.1
o-Xylene	3.8781E+006	3.8858E+006	0.2%	ND	0.1


Duplicate Conc (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9


Spike Conc (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.9	102%	39 - 150
Toluene	ND	50.0	50.3	101%	46 - 148
Ethylbenzene	ND	50.0	50.2	100%	32 - 160
p,m-Xylene	ND	100	100	100%	46 - 148
o-Xylene	ND	50.0	50.6	101%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 55496-55500, and 55512


Analyst


Review

nt:

Conoco Phillips



envirotech
(503) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Location No:

92115-1381

C.O.C. No:

ELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 8-16-10

DATE FINISHED:

LOCATION: NAME: Culpeper Martin WELL #: 124A

AD/UNIT: SEC: 32 TWP: 30N RNG: P20PM: 1000M CNTY: SJ ST: NM

ENVIRONMENTAL

FOOTAGE: 1160' ES. 990' ECL. CONTRACTOR: NA

SPECIALIST: R. Jones

AVATION APPROX: FT. X FT. X FT. DEEP CUBIC YARDAGE:

POSAL FACILITY: REMEDIATION METHOD:

ID USE: CH 420Mg LEASE: LAND OWNER: ~~WMA~~

USE OF RELEASE: hole in bottom of tank MATERIAL RELEASED: Condensate Water

I LOCATED APPROXIMATELY: 410 FT. 135' FROM 110H2

TH TO GROUNDWATER: >50' NEAREST WATER SOURCE: 7.0 miles NEAREST SURFACE WATER: 600'

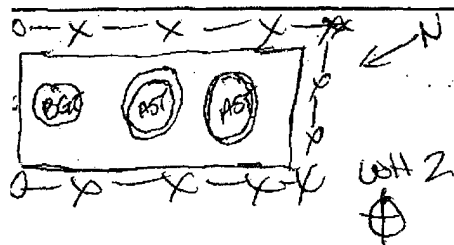
OCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

AND EXCAVATION DESCRIPTION:

Spill Assessment - Run surface sample in lab for 8015+8021

AMPLE DESCRIPTION	TIME	SAMPLE ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
OXFORD (1' H)	13:20	101220	-	-	-	-	188	-
100 and Benavente	13:30	4	-	5	20	4	00	N/A
BCS Outside	13:25	2	-	5	20	4	00	N/A
Band	14:30	3	-	5	20	4	502	2008
Base Composite								
Grade Band								

SPILL PERIMETER



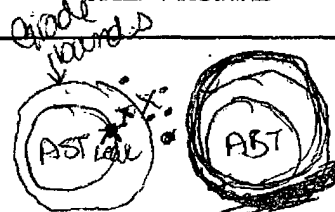
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
100SD	90.0
1	1.3
2	1.1
3	108

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

SPILL PROFILE



Grade Band 5' out from edge of tank

• Composite sample P15
X = sample points
bottom

LEVEL NOTES: CALLED OUT: ONSITE: