

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 Walker Koch 1C	Facility Type Gas Well API #3004530748
Surface Owner Federal	Mineral Owner Federal Lease No. NMNM-014110

LOCATION OF RELEASE

Unit Letter H	Section 13	Township 31N	Range 10W	Feet from the 1890'	North/South Line North	Feet from the 670'	East/West Line East	County San Juan
-------------------------	----------------------	------------------------	---------------------	-------------------------------	----------------------------------	------------------------------	-------------------------------	---------------------------

Latitude **36.90029° N** Longitude **-107.82878° W**

NATURE OF RELEASE

Type of Release – Produced Water	Volume of Release – 13 BBL	Volume Recovered – 0 BBL
Source of Release: Pit Tank	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 3/15/2011 8:30 a.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? OIL CONS. DIV DIST. 3	
By Whom?	Date and Hour –	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. MAY 06 2015	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* A leak at the bottom of the pit tank due to corrosion was discovered when pit levels were being checked. Upon discovery, the well was shut in.		
Describe Area Affected and Cleanup Action Taken.* All fluids remained on location & no fluids were recovered. Confirmation sampling occurred and 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>Jonathan Kelly</i>	
Title: Environmental Consultant	Approval Date: 5/6/2015 Expiration Date:	
E-mail Address: kelsi.g.harrington@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 4/1/2011 Phone: 505-599-3403		

* Attach Additional Sheets If Necessary

NJK1512640621



May 20, 2011

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



Project Number 92115-1660

Phone: (505) 599-3403
Cell: (505) 320-2461

**RE: SPILL ASSESSMENT AND CONFIRMATION SAMPLING DOCUMENTATION FOR THE
WALKER KOCH #1C (hBr) WELL SITE, SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for spill assessment and confirmation sampling activities performed at the Walker Koch #1C (hBr) well site located in Section 13, Township 31 North, Range 10 West, San Juan County, New Mexico. Upon arrival, a brief site assessment was conducted, and the regulatory standards for the site were determined to be 1000 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors (OV) due to a horizontal distance to surface water between 200 and 1000 feet, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

On March 24, 2011, one (1) five (5)-point composite sample was collected from a produced water tank leak in below grade tank (BGT) pit; see enclosed *Field Notes*. The sample was analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). The sample returned results above the regulatory standard for TPH, but below the regulatory standard for organic vapors. The sample was then collected into a four (4)-ounce glass jar, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015. The sample returned results below the regulatory standard for TPH; see enclosed *Analytical Results*. Envirotech, Inc. recommends no further action in regards to this incident.

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.

Barian Williamson
Senior Environmental Field Technician
bwilliamson@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results
Cc: Client File 92115

Client: COPC

**envirotech**(505) 632-0615 (800) 362-1879
5798 U.S. Hwy 64, Farmington, NM 87401

Location No:

C.O.C. No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 3-24-11

DATE FINISHED: 3-24-11

LOCATION: NAME: Walker Koch WELL #: 1C
QUAD/UNIT: H SEC: 13 TWP: 31N RNG: 10W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1890 FNL 670 FEL CONTRACTOR: N/AENVIRONMENTAL
SPECIALIST: Bmw

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

DISPOSAL FACILITY: REMEDIATION METHOD:

LAND USE: LEASE: LAND OWNER:

CAUSE OF RELEASE: Tank Leak MATERIAL RELEASED: Produced water

SPILL LOCATED APPROXIMATELY: in BGT pit

DEPTH TO GROUNDWATER: 885 NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: 196'

NMOCD RANKING SCORE: 2010 NMOCD TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:

tank leaked produced H₂O in BGT pit. 1 sample (surface composite) collected, Zeroed Infracal 11:28 → Ran STD → Ran Sample → called Kelsi H. (COPC), turn in for 8015 RUSH.

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200 std	11:30	STD	—	—	—	—	193	
Surface Composite	11:36	①	—	5	20	4	382	1528

SPILL PERIMETER

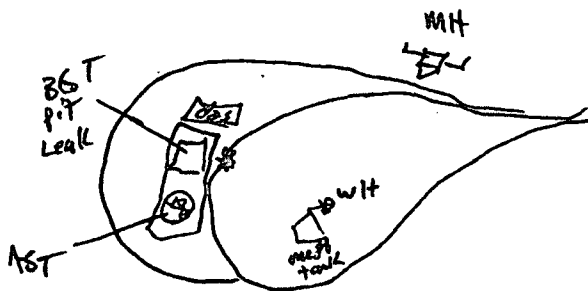
OVM
RESULTS

SPILL PROFILE

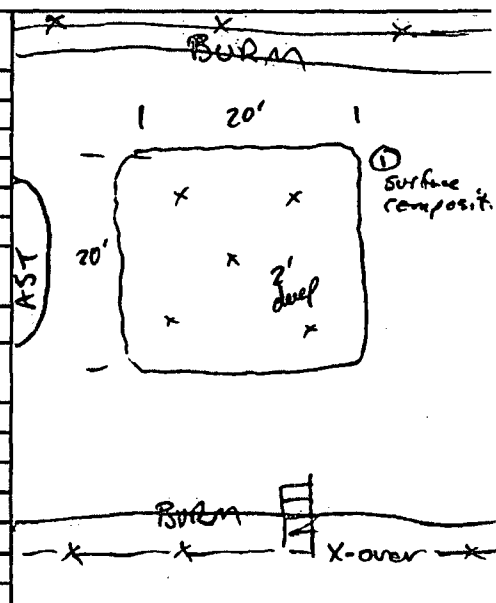
SAMPLE ID	FIELD HEADSPACE PID (ppm)
①	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME



36.400309 / -107.829462



TRAVEL NOTES: CALLED OUT: ONSITE: @ 11:15 left @ 12:00



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 1
Sample ID: Surface Composite
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 92115-1660
Date Reported: 7/7/2011
Date Sampled: 3/24/2011
Date Analyzed: 3/24/2011
Analysis Needed: TPH-418.1

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


Total Petroleum Hydrocarbons	1,530	5.0
------------------------------	-------	-----

ND = Parameter not detected at the stated detection limit.

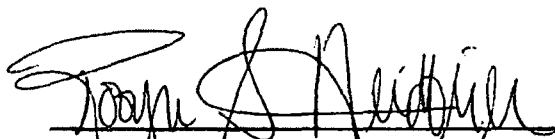
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Walker Koch #1C (hBr)**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Barian Williamson
Printed


Review

Robyn Heidbrier, EIT
Printed

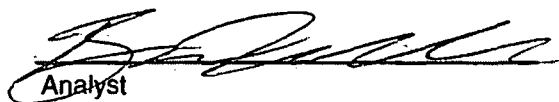


CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 24-Mar-11

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	193
	200	
	500	
	1000	

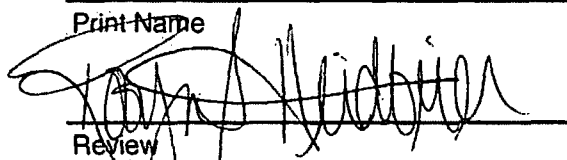
The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.


Analyst

7/7/2011
Date

Barian Williamson

Print Name


Review

7/7/2011
Date

Robyn Heidbrier, EIT

Print Name



envirotech
Analytical Laboratory

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

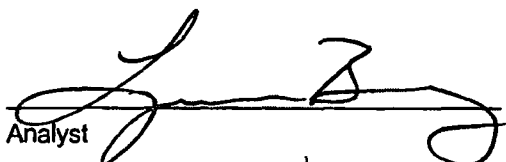
Client:	ConocoPhillips	Project #:	92115-1660
Sample ID:	Surface Composite	Date Reported:	03-25-11
Laboratory Number:	57705	Date Sampled:	03-24-11
Chain of Custody No:	11420	Date Received:	03-24-11
Sample Matrix:	Soil	Date Extracted:	03-24-11
Preservative:	Cool	Date Analyzed:	03-25-11
Condition:	Intact	Analysis Requested:	8015 TPH

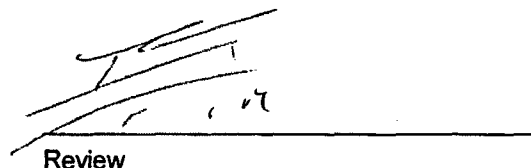
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.9	0.2
Diesel Range (C10 - C28)	136	0.1
Total Petroleum Hydrocarbons	137	

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: **Walker Koch #1C**

Analyst 

Review 



envirotech
Analytical Laboratory

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

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	03-25-11 QA/QC	Date Reported:	03-25-11
Laboratory Number:	57708	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-25-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	03-25-11	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	03-25-11	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

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	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	259	104%	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 57701-57703, 57705, 57708

Analyst

Review

11420

RUSH



envirotech
Analytical Laboratory

5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com