

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 Gurvitz
Address	3401 E. 30th St., Farmington, NM 87402	Telephone No.	505-599-3403
Facility Name	Howell J #300	Facility Type	Gas Well API # 300-45-26946
Surface Owner	Federal	Mineral Owner	Federal Lease No. NM-010468

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	03	T30N	R08W	1435'	South	790'	West	San Juan

Latitude 36.83651° N Longitude 107.66847° W

NATURE OF RELEASE

Type of Release – Compressor Oil	Volume of Release – 5 BBL	Volume Recovered – 5 BBL
Source of Release: Pit Tank Overflow	Date and Hour of Occurrence unknown	Date and Hour of Discovery 1/4/10 – 1:00 p.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour –	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* On January 4, 2010, it was discovered that the oil pit tank was overflowing due to a freeze in the J-leg of the water tank. This caused produced water to carry over into the pit tank and overflow. Upon discovery, the well was shut in and a liquid recovery truck was called to location.		
Describe Area Affected and Cleanup Action Taken.* All fluid remained on location and within the cribbing of the pit tank. Approximately 5 BBLs of fluid were recovered. Confirmation sampling was completed and returned results below the standards set forth in the NMCOD Guidelines for Leaks, Spills and Releases; therefore no further action is required.		
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 Gurvitz</i>	OIL CONSERVATION DIVISION	
Printed Name: Kelsi Gurvitz	Approved by District Supervisor: <i>Brandon Rodell</i> For: CP	
Title: Environmental Consultant	Approval Date: 9/22/10	Expiration Date:
E-mail Address: kelsi.m.gurvitz@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6/14/10 Phone: 505-599-3403		

* Attach Additional Sheets If Necessary



uBP1026538449



June 2, 2010

Project No. 92115-1284

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

Phone: (505) 599-3403

RE: SPILL ASSESSMENT DOCUMENTATION FOR THE HOWELL J #300 (hBr) WELL SITE, SAN JUAN COUNTY, NEW MEXICO


Dear Ms. Gurvitz,

Enclosed please find the field notes and analytical results for spill assessment activities conducted at the Howell J #300 (hBr) well site located in Section 3, Township 30N, Range 8W, San Juan County, New Mexico.

Envirotech, Inc. arrived on site on May 13, 2010. Upon arrival, a brief site assessment was conducted. The closure standard was determined to be 5,000 ppm total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases. Two (2) five-point composite samples were collected from the area of release; see attached *Field Notes*. One (1) sample was collected from the surface, and one (1) sample was collected at approximately one (1) foot below ground surface (BGS). Both samples were screened in the field for TPH using USEPA Method 418.1 and the sample collected from the surface was screened for organic vapors using a Photo Ionization Detector (PID). The sample collected at one (1) foot below ground surface returned results below the regulatory limit of 5,000 ppm TPH. The sample collected from the surface returned results below the regulatory limit of 100 ppm organic vapors; however, the sample returned results above the regulatory limit of 5,000 ppm TPH. The sample from the surface was placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice under chain of custody to be analyzed for TPH using USEPA Method 8015. The sample returned results of non-detect for TPH; therefore, no excavation was required; 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 any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.


René Garcia
Field Technician
rgarcia@envirotech-inc.com

Enclosures: Field Notes
Analytical Results

Cc: Client File No. 92115

C.O.C. No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 7 OF 1

LOCATION:	NAME: Howell J	WELL #: 300
QUAD/INT:	L SEC: 3 TWP: 30N	RNG: 8W PM: 2 CNTY: SD ST: NM
QTR/FR. TAGE:	1435 FSL & 790 FWC	CONTRACTOR:

DATE STARTED: 5/13/10

DATE FINISHED: 5/13/10

ENVIRONMENTAL

SPECIALIST: *Reed*

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

DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____

LAND USE: Grazing HPI LEASE: 3004526946 LAND OWNER: Federal

CAUSE OF RELEASE: Leakage Tank MATERIAL RELEASED: Incidental oil/produced water

SPIRE LOCATED APPROXIMATELY: 30 FT. FROM wellhead

DEPTH TO GROUNDWATER: 410' NEAREST WATER SOURCE: NEAREST SURFACE WATER: 1500'

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

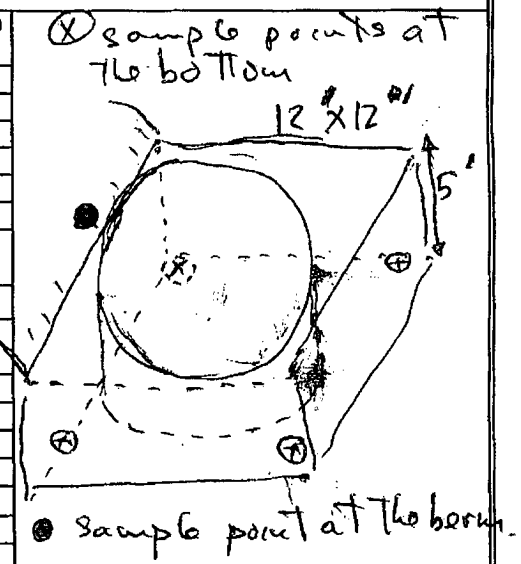
SOIL AND EXCAVATION DESCRIPTION: Contaminated soil can be easily identify
cause is really wet. Thickness of this wet layer is about 4".

[illegible]

SPILL PERIMETER

OVM RESULTS

SPILL PROFILE

[illegible]

TRAVEL NOTES:	CALLED OUT:	ONSITE:
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**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	92115-1284
Sample No.:	1	Date Reported:	5/26/2010
Sample ID:	5-Point Composite	Date Sampled:	5/13/2010
Sample Matrix:	Soil	Date Analyzed:	5/13/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	24,900	5.0
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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: **Howell J #300**

Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

René Garcia

Printed



Review

Sarah Rowland

Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	92115-1284
Sample No.:	2	Date Reported:	5/26/2010
Sample ID:	5-Point Composite at 1'	Date Sampled:	5/13/2010
Sample Matrix:	Soil	Date Analyzed:	5/13/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	236	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: **Howell J #300**

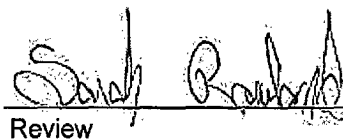
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

René Garcia

Printed



Review

Sarah Rowland

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 13-May-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	182	170
	500	
	1000	

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

Analyst

René Garcia

Print Name

Review

Sarah Rowland

Print Name

Date

Date



envirotech
Analytical Laboratory

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

Client: Burlington
Sample ID: BGT 0'
Laboratory Number: 54248
Chain of Custody No: 9360
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

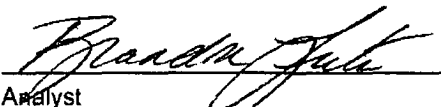
Project #: 92115-1284
Date Reported: 05-19-10
Date Sampled: 05-13-10
Date Received: 05-14-10
Date Extracted: 05-17-10
Date Analyzed: 05-18-10
Analysis Requested: 8015 TPH

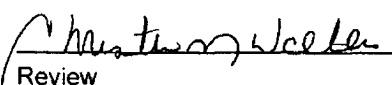
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Howell J 300**


Analyst


Review



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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:	05-18-10 QA/QC	Date Reported:	05-19-10
Laboratory Number:	54241	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.1272E+003	1.1277E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.2633E+003	1.2638E+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	215	86.2%	75 - 125%
Diesel Range C10 - C28	ND	250	265	106%	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 54241 - 54243, 54246 - 54250, 54266 and 54277.

Barbara Fute
Analyst

Christen M. Weeks
Review

09360

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