

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 <b>Burlington Resources Oil &amp; Gas Company</b>	Contact <b>Crystal Tafoya</b>	
Address <b>3401 East 30<sup>th</sup> St, Farmington, NM</b>	Telephone No. <b>(505) 326-9837</b>	
Facility Name: <b>Holder A 100S</b>	Facility Type: <b>Gas Well</b>	
Surface Owner <b>Federal</b>	Mineral Owner <b>Federal (SF-081239)</b>	API No. <b>30-045-34538</b>

**LOCATION OF RELEASE**

Unit Letter <b>H</b>	Section <b>6</b>	Township <b>30N</b>	Range <b>12W</b>	Feet from the <b>1515</b>	North/South Line <b>North</b>	Feet from the <b>1165</b>	East/West Line <b>East</b>	County <b>San Juan</b>
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Latitude **36.844565** Longitude **-108.13404**

**NATURE OF RELEASE**

Type of Release <b>Produced Water</b>	Volume of Release <b>25 BBLS</b>	Volume Recovered <b>23 BBLS</b>
Source of Release <b>Production Tank</b>	Date and Hour of Occurrence <b>Unknown</b>	Date and Hour of Discovery <b>12/27/2013 at 2:00PM</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>BLM (Mark Kelly) and OCD (Jonathan Kelly)</b>	
By Whom? <b>Lisa Hunter</b>	Date and Hour <b>12/30/13 at 12:38 PM</b>	
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.\*  
**N/A**

**RCVD MAR 11 '14  
OIL CONS. DIV.  
DIST. 3**



Describe Cause of Problem and Remedial Action Taken.\*

**A defective radar and kill switch caused a release of Produced Water into the pit and 25BBLS overflowed into the cribbing area. The pumping unit was immediately shut-in and a water truck called to location. 23bbls of Produced water was recovered. The release was contained and did not leave location.**

Describe Area Affected and Cleanup Action Taken.\*

**NMOCD action levels for releases are specified in NMOCD's Guidelines for Leaks, Spills and Releases and the release was assigned a ranking score of 10. Samples were collected and analytical results are below applicable NMOCD action levels. No further work will be performed. The final 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: 	<b>OIL CONSERVATION DIVISION</b>
Printed Name: <b>Crystal Tafoya</b>	<b>DENIED</b>
Title: <b>Field Environmental Specialist</b>	BY: <b>Cory Smith</b>  DATE: <b>6/24/13</b> (505) 334-6178 Ext. 115
E-mail Address: <b>crystal.tafoya@conocophillips.com</b>	ate: _____ Attached <input type="checkbox"/>
Date: <b>3/10/2014</b> Phone: <b>(505) 326-9837</b>	<b>Submit a Remediation Plan for elevated levels of chloride.</b>

\* Attach Additional Sheets If Necessary



March 5, 2014

Project Number 92115-2550

Ms. Crystal Tafoya  
ConocoPhillips  
3401 East 30<sup>th</sup> Street  
Farmington, New Mexico 87402

Phone: (505) 326-9837  
Cell: (505) 215-4361

**RE: SPILL ASSESSMENT DOCUMENTATION FOR THE HOLDER A #100S (hBr) WELL SITE,  
SAN JUAN COUNTY, NEW MEXICO**

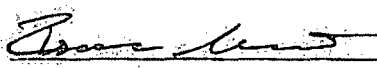
Dear Ms. Tafoya:

Enclosed please find the field notes for spill assessment activities performed at the Holder A #100S (hBr) well site located in Section 6, Township 30 North, Range 12 West, San Juan County, New Mexico. On January 9, 2014, Envirotech was contacted by ConocoPhillips to perform spill assessment activities for a release of approximately twenty five (25) barrels of produced water from a pit tank overflow. Upon Envirotech personnel's arrival on January 10, 2014, a brief site assessment was conducted. Due to a horizontal distance to surface water between 200 and 1000 feet from the site, a depth to groundwater greater than 100 feet, and the well site not located within a well head protection area, the regulatory standards were 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.


One (1) five (5) point composite sample was collected from inside the berm, between the below grade tank (BGT) and the above ground storage tank (AST), at the above referenced location; see enclosed *Field Notes* for sample location. 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 below the regulatory standards for TPH and organic vapors; see enclosed *Field Notes*. Envirotech, Inc. recommends no further action in regards to this incident.

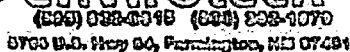
We appreciate the opportunity to be of service. Should you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,  
**ENVIROTECH, INC.**

  
Isaac Garcia  
Environmental Field Technician  
[igarcia@envirotech-inc.com](mailto:igarcia@envirotech-inc.com)

Enclosure(s): Field Notes  
Cc: Client File Number 92115

Client: CODE	 <b>envirotech</b> (603) 838-0318 (603) 838-1070 8760 U.S. Hwy 64, Farmington, NH 07431	Project No: 9215-2550  COC No:
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**COC No:**

PAGE NO: 1 OF 1

DATE STARTED: 1/10/14

DATE FINISHED: 1/15/14

ENVIRONMENTAL  
SPECIALIST: J. Gracia

**DISPOSAL FACILITY:** **REMEDIATION METHOD:**

CAUSE OF RELEASE: BGT overflow MATERIAL RELEASED: Produced Water

DEPTH TO GROUNDWATER: ~230' NEAREST WATER SOURCE: >2000' NEAREST SURFACE WATER: ~750'

NMOC D RANKING SCORE: 60 NMOC D TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:

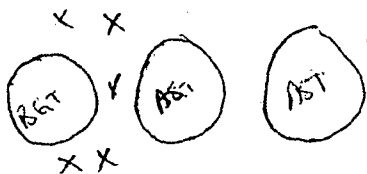
## SPILL PERIMETER

## OVM RESULTS

## SPILL PROFILE

SAMPLE ID	FIELD HEADSPACE PTD (ppm)
51111111	1.8

Beim 1.1



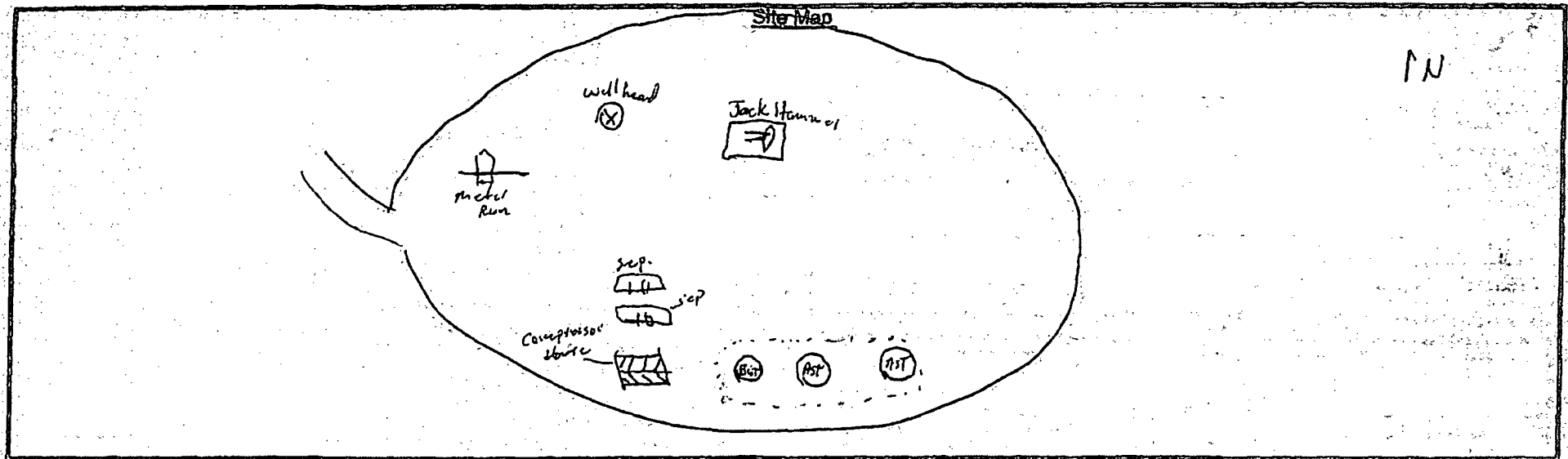
## LAB SAMPLES

[illegible]

TRAVEL NOTES: LAZARUS, ON SITE

Dress for the weather to be break it needed to wear  
up in the truck

# 



SSE	Name	Signature	Organization Name	1st time IN	OUT	2nd time IN	OUT
1)	Esac Garcia		Enviro Tech	2:30			
2)							
3)							
4)							
5)							
6)							
7)							
8)							
9)							
10)							
11)							
12)							
13)							
14)							
15)							

Conducted By (printed)

Conducted By (signature)

Position

Employee recognition: Use this section to recognize an employee that has gone above and beyond their duty.

Department Manager: Health & Safety Review: Deficiencies Found:

Samp Date	Legal Well Name	Area	Run	Formation(s)	Vendor	Cat-Barium	Cat-Calcium	Cat-Iron	Cat-Magnesium	Cat-Manganese	Cat-Sodium	Cat-Strontium
11/23/2009	HOLDER A 100S	1	102	FRC	NALCO	24.29	98.09	82.54	64.95	2.14	7,802.14	20.04
3/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION					0.75		
6/21/2011	HOLDER A 100S	1	102	FRC	CHAMPION	143.20	88.12	12.43	40.94	0.10	8,442.57	27.64
8/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION			28.87		0.45		
10/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION			89.48		0.94		
3/29/2012	HOLDER A 100S	1	102	FRC	CHAMPION			74.43		1.22		
7/31/2012	HOLDER A 100S	1	102	FRC	CHAMPION			11.88		0.16		
10/25/2012	HOLDER A 100S	1	102	FRC	CHAMPION			32.64		0.47		

Samp Date	Legal Well Name	Area	Run	Formation(s)	Vendor	An-Chloride	An-Carbonate	An-Bicarbonate	An-Hydroxyl	An-Sulfate	Ph Field	Ph Lab	Temp Field
11/23/2009	HOLDER A 100S	1	102	FRC	NALCO	12,313.53	0.00		0.00	0.00		6.62	
3/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION								
6/21/2011	HOLDER A 100S	1	102	FRC	CHAMPION	12,613.86	0.00	1,366.40	0.00	0.00		7.90	78.00
8/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION								
10/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION								
3/29/2012	HOLDER A 100S	1	102	FRC	CHAMPION								
7/31/2012	HOLDER A 100S	1	102	FRC	CHAMPION								
10/25/2012	HOLDER A 100S	1	102	FRC	CHAMPION								

Samp Date	Legal Well Name	Area	Run	Formation(s)	Vendor	Field Alkalinity (ppm)	Specific Gravity	TDS (ppm)	Total Hardness	Conductivity	Resistivity	Diss CO2
11/23/2009	HOLDER A 100S	1	102	FRC	NALCO	354.38	1.01	20,778.11	511.52	37,600.00	0.27	36.00
3/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION							
6/21/2011	HOLDER A 100S	1	102	FRC	CHAMPION	1,366.40	1.02	22,735.26	220.71	37,400.00	26.74	30.00
8/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION							
10/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION							
3/29/2012	HOLDER A 100S	1	102	FRC	CHAMPION							
7/31/2012	HOLDER A 100S	1	102	FRC	CHAMPION							
10/25/2012	HOLDER A 100S	1	102	FRC	CHAMPION							



Samp Date	Legal Well Name	Area	Run	Formation(s)	Vendor	Diss H2S	CO2 (%)	CaCO3 @ 70	CaCO3 @ 180
11/23/2009	HOLDER A 100S	1	102	FRC	NALCO	0.05			0.86
3/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION				
6/21/2011	HOLDER A 100S	1	102	FRC	CHAMPION	0.85	1.00	1.32	0.34
8/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION				
10/31/2011	HOLDER A 100S	1	102	FRC	CHAMPION				
3/29/2012	HOLDER A 100S	1	102	FRC	CHAMPION				
7/31/2012	HOLDER A 100S	1	102	FRC	CHAMPION				
10/25/2012	HOLDER A 100S	1	102	FRC	CHAMPION				