

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 <b>Burlington Resources, a Wholly Owned Subsidiary of ConocoPhillips Company</b>	Contact <b>Shelly Cook-Cowden</b>	
Address <b>3401 E. 30<sup>th</sup> St., Farmington, NM 87402</b>	Telephone No. <b>505-324-5140</b>	
Facility Name <b>Jillson Federal #1</b>	Facility Type <b>Salt water disposal API# 3003925465</b>	
Surface Owner <b>Federal</b>	Mineral Owner <b>Federal</b>	Lease No. <b>SF - 080472</b>

**LOCATION OF RELEASE**

Unit Letter <b>F</b>	Section <b>08</b>	Township <b>024N</b>	Range <b>003W</b>	Feet from the <b>2305'</b>	North/South Line <b>North</b>	Feet from the <b>2415'</b>	East/West Line <b>West</b>	County <b>Rio Arriba</b>
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Latitude **36.3256700 ° N** Longitude **-107.1801400 ° W**

RCVD JUN 24 '11  
OIL CONS. DIV.

**NATURE OF RELEASE**

**DIST. 3**

Type of Release – <b>Produced water and slop oil</b>	Volume of Release – <b>120BBL and 10 gallons slop oil</b>	Volume Recovered – <b>120BBL and 10 gallons slop oil</b>
Source of Release – <b>Purge line on Filter Pot</b>	Date and Hour of Occurrence – <b>5/25/2011 @ 11AM</b>	Date and Hour of Discovery – <b>5/25/2011 @ 11AM</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Brandon Powell NMOCD- Via phone and email 5/26/2011</b> <b>Sherrie Landon BLM – Via email 5/26/2011</b>	
By Whom? <b>Shelly Cook-Cowden</b>	Date and Hour – <b>4/26/2011 @ 7AM</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.\*

Describe Cause of Problem and Remedial Action Taken.\*

**On May 25, 2011 at approximately 1100 hrs the purge line on the filter pot cracked due to corrosion sending 120BBL of produced water onto the floor of the filter room, into the environmental drain and out into the below grade pit, causing it to over flow. The produced water remained on location within and around the cribbing and surface area of the below grade tank.**

Describe Area Affected and Cleanup Action Taken.\* **The total volume of 120BBL of produced water was recovered and the purge line repaired. Staining on the edge of the cribbing from the slop oil has been removed with a hydo-vac. Excavation and confirmation sampling occurred. 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>Shelly Cook-Cowden</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Shelly Cook-Cowden</b>		Approved by District Supervisor: <i>[Signature]</i>	
Title: <b>Environmental Technician</b>		Approval Date: <b>6/24/11</b>	Expiration Date:
E-mail Address: <b>Shelly.g.Cook-Cowden@ConocoPhillips.com</b>		Conditions of Approval: <b>nJK1122351718</b>	Attached <input type="checkbox"/>
Date: <b>June 23, 2011</b>		Phone: <b>505-324-5140</b>	

\* Attach Additional Sheets If Necessary

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## Confirmation Sampling

Located at:

**Jillson Federal SWD #1**

**6/21/2011**

Prepared for:

**ConocoPhillips**

**Shelly Cook-Cowden**

Prepared by:

**Nelson Revegetation LLC**

**Brad Griffith**

4760 N. Butler Ste. D Farmington NM 87401 – 505-419-3333 – [www.nelsonreveg.com](http://www.nelsonreveg.com) – [brad@nelsonreveg.com](mailto:brad@nelsonreveg.com)



June 21, 2011

Shelly Cook-Cowden

ConocoPhillips

Dear Shelly,

Attached you will find the Confirmation Sampling performed on the:

Jillson Federal SWD #1

API # 3003925465

If you need any further information or have any questions, please do not hesitate to call:  
(505) 419-3333

Respectfully submitted,

Brad Griffith



#### **Site Assessment:**

On June 17, 2011 Nelson Revegetation arrived at the Jillson Federal SWD #1. A site assessment was performed pursuant to the New Mexico Oil Conservation Divisions' Guidelines for Remediation of Leaks, Spills and Releases. It was concluded that the cleanup standard is <100ppm TPH.

#### **Actions Performed:**

Following the New Mexico Oil Conservation Divisions' Guidelines for Remediation of Leaks, Spills and Releases, a surface composite sample was taken from all four sides of the Below Grade Tank located at the Jillson Federal SWD #1. The OVM returned results of 73ppm which is under the cleanup standard of 100ppm. Using the USEPA Method 418.1, the composite sample was screened for TPH in the field, returning results above regulatory standards and sent to Envirotech Laboratory for 8015. Attached on site forms provide further detail.

#### **Conclusion:**

From a combination of field and lab analysis of the Below Grade Tank surface composite sample at the Jillson Federal SWD #1, all final results are under the regulatory standard and no cleanup is recommended.



**Disclaimer:**

All New Mexico Oil Conservation Division standards have been met and are in compliance by any work and services provided by Nelson Revegetation. The observations and determinations made by Nelson Revegetation are conclusions directly related to data collected on site at that current time. Obviously circumstances can change and therefore no warranties are made to the accuracy of the data after the time of the assessment. There are many choices to perform this service and we thank you for using Nelson Revegetation.



8211616

LINDA

STEVE STANLEY

# Nelson Revegetation On-Site Form OVM Results

Well Name: J. H. Federal GUD #1 API# 3003925465Section 8 Township 24N Range 3W County BoonvilleContractors On-Site: \_\_\_\_\_ Time On-Site 6/15 Time Off-Site 11/30

Spill Amount: \_\_\_\_\_ bbls Spilled (Oil / Produced Water / Other) \_\_\_\_\_

Land Use: (Grazing) Residential / Tribe \_\_\_\_\_ Excavation X Deep \_\_\_\_\_Site Ranking: \_\_\_\_\_ NMOCD TPH Closure Standard 100 ppm

Diagram of site layout showing various locations and equipment:

- Compass rose indicating North (N).
- Equipment: Drip Tank, Solar Panel, Office, AST (three), BGT (two).
- Sample Location: Unload Station (indicated by an arrow).
- Another Sample Location: BGT (indicated by a circle).

Comments

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Req
10:46	---	100 Standard		100.3	
10:56	1	Surface sample / BGT	Med. Brown soil / Gravel	73.0	
				TPH	
11:00	2	1000 Standard		1000	
11:10	1	Surface sample / BGT	Med. Brown soil / Gravel	30.32	Bo 15

Name: Walt HowardCompany: Nelson Reveg.Sign: Walt HowardDate: 6/17/11



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

Client:	ConocoPhillips	Project #:	96052-1705
Sample ID:	BGT/Surface Comp	Date Reported:	08-20-11
Laboratory Number:	58570	Sampled:	06-17-11
Chain of Custody No:	11957	Date Received:	06-17-11
Sample Matrix:	Soil	Date Extracted:	06-17-11
Preservative:	Cool	Date Analyzed:	06-17-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	2.4	0.1
Total Petroleum Hydrocarbons	2.4	

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: Jillson Federal SWD #2

Analyst

Review



EPA Method 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-17-11 QA/QC	Date Reported:	06-20-11
Laboratory Number:	58541	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-17-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	06/17/11	9.998E+02	1.000E+03	0.04%	0 - 15%
Diesel Range C10 - C28	06/17/11	9.996E+02	1.000E+03	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	2.9	0.2
Diesel Range C10 - C28	3.1	0.1

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Range
Gasoline Range C5 - C10	ND	ND	0.00%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.00%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	247	98.7%	75 - 125%
Diesel Range C10 - C28	ND	250	242	96.7%	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 58541-58546, 58570-58571

Analysis

Review

# CHAIN OF CUSTODY RECORD


11957

Client: <b>COP</b>		Project Name / Location: <b>Dillon Federal SUD #2</b>		ANALYSIS / PARAMETERS															
Client Address:		Sampler Name: <b>Walt Howard</b>																	
Client Phone No: <b>Shelly Calder 320-0699</b>		Client No: <b>96052-1706</b>																	
Sample No / Identification	Sample Date	Sample Time	Lab No	Sample Matrix	No./Volume of Containers	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RO	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact	
BGT/surface Comp	6/7/11	11:05	58570	Soil Solid	Sludge Aqueous	1-4oz												Y	Y
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
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				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
Relinquished by: (Signature) <b>Walt Howard</b>				Date: <b>6/7/11</b>	Time: <b>13:30</b>	Received by: (Signature) <b>Rash Vazquez</b>				Date: <b>6/7/11</b>	Time: <b>13:30</b>								
Relinquished by: (Signature)				Date:	Time:	Received by: (Signature)				Date:	Time:								
Relinquished by: (Signature)				Date:	Time:	Received by: (Signature)				Date:	Time:								

# 3211676

**RASH!!!**

**Shelly BENAILE**



envirotech  
Analytical Laboratory

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