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 **Gwen R. Frost**	
Address **3401 E. 30th St., Farmington, NM 87402**		Telephone No. **505-326-9549**	
Facility Name **Howell E #2R**		Facility Type **Gas Well**	API # **30-045-27563**
Surface Owner **Bureau of Reclamation**	Mineral Owner **Federal**		Lease No. **NM-012708**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	**14**	**T30N**	**R08W**	**435'**	**North**	**1555'**	**East**	**San Juan**

Latitude 36.815930 ° N **Longitude** 107.638720 ° W

NATURE OF RELEASE

Type of Release – **Lube Oil**	Volume of Release – **5.95 BBL Lube Oil**	Volume Recovered – **0 BBL**
Source of Release: **Leak in oil fill hose from day tank to compressor.**	Date and Hour of Occurrence **Unknown**	Date and Hour of Discovery **6/30/09 – 1:30 p.m.**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? **OCD - Brandon Powell via e-mail BLM – Kevin Schneider via e-mail**	
By Whom? **Gwen Frost**	Date and Hour – **7/06/09 – 4:00 p.m.**	RCVD AUG 7 '09
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	OIL CONS. DIV.
If a Watercourse was Impacted, Describe Fully.*		DIST. 3

Describe Cause of Problem and Remedial Action Taken.* **Oil was delivered to the day tank because unit was down on low oil level. Upon the next visit to the location the day tank was found empty. The compressor was discovered to be down and all the oil was gone. Oil was then re-delivered that evening. Theft of the oil was suspected, but after further investigation, oil was found under the compressor skid and a hole was found in the oil fill hose. The hole in the hose was possibly caused by a rodent. A crew will remove the compressor skid and excavate the contaminated soil.**

Describe Area Affected and Cleanup Action Taken.* **All of the spilled fluids remained on location. The affected soils were excavated & confirmation sampling was completed. Soil was hauled to IEI landfarm. To prevent reoccurrence, the hose has been repaired and plans are to install a hard pipe.**

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: Gwen R. Frost	OIL CONSERVATION DIVISION	
Printed Name: **Gwen R. Frost**	Approved by District Supervisor: For: Charlie Perrin	
Title: **Environmental Engineer**	Approval Date: 8/7/09	Expiration Date:
E-mail Address: **gwendolynne.frost@conocophillips.com**	Conditions of Approval:	Attached ☐
Date: **8/04/09** Phone: **505-326-9549**		

* Attach Additional Sheets If Necessary

Incident # nRM0926039842

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Burlington Resources	Project #:	92115-0001
Sample ID:	Howell E 2R	Date Reported:	07-14-09
Laboratory Number:	50837	Date Sampled:	07-13-09
Chain of Custody No:	6615	Date Received:	07-14-09
Sample Matrix:	Soil	Date Extracted:	07-14-09
Preservative:		Date Analyzed:	07-14-09
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)	**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: **Confirmation Sample Howell E 2R**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-14-09 QA/QC	Date Reported:	07-14-09
Laboratory Number:	50821	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-14-09
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	1.1405E+003	1.1410E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.1384E+003	1.1389E+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	**73.4**	**71.9**	**2.0%**	**0 - 30%**
Diesel Range C10 - C28	**1,960**	**1,950**	**0.5%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**73.4**	**250**	**322**	**99.7%**	**75 - 125%**
Diesel Range C10 - C28	**1,960**	**250**	**2,190**	**99.1%**	**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 50821, 50822, 50826, 50830 - 50832, 50835, and 50837.**

Analyst

Review

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envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Burlington Resources	Project #:	92115-0001
Sample ID:	Howell E 2R	Date Reported:	07-14-09
Laboratory Number:	50837	Date Sampled:	07-13-09
Chain of Custody:	6615	Date Received:	07-14-09
Sample Matrix:	Soil	Date Analyzed:	07-14-09
Preservative:		Date Extracted:	07-14-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**3.9**	**1.0**
Ethylbenzene	**2.3**	**1.0**
p,m-Xylene	**13.8**	**1.2**
o-Xylene	**6.0**	**0.9**
Total BTEX	**26.0**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**99.0 %**
	1,4-difluorobenzene	**99.0 %**
	Bromochlorobenzene	**99.0 %**

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: **Confirmation Sample Howell E 2R**

Analyst

Review

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envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID.	07-14-BT QA/QC	Date Reported:	07-14-09
Laboratory Number:	50821	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-14-09
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	5.2590E+006	5.2695E+006	0.2%	ND	0.1
Toluene	4.8784E+006	4.8882E+006	0.2%	ND	0.1
Ethylbenzene	4.2827E+006	4.2913E+006	0.2%	ND	0.1
p,m-Xylene	1.1125E+007	1.1147E+007	0.2%	ND	0.1
o-Xylene	4.1463E+006	4.1546E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.8	38.9	5.7%	0 - 30%	1.9
Toluene	179	173	3.3%	0 - 30%	2.0
Ethylbenzene	395	406	2.9%	0 - 30%	2.1
p,m-Xylene	6,300	6,280	0.3%	0 - 30%	2.3
o-Xylene	2,120	2,100	0.9%	0 - 30%	1.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.8	50.0	86.2	99.3%	39 - 150
Toluene	179	50.0	225	98.4%	46 - 148
Ethylbenzene	395	50.0	442	99.4%	32 - 160
p,m-Xylene	6,300	100	6,440	101%	46 - 148
o-Xylene	2,120	50.0	2,150	99.1%	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 50821, 50822, 50826, 50830 - 50832, 50835, and 50837.**

Analyst

Review

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RUSH 6615

CHAIN OF CUSTODY RECORD

Client: Burlington Resources	Project Name / Location: Confirmation Sample Howell E 2R	ANALYSIS / PARAMETERS *RUSH*
Client Address:	Sampler Name: Shelly Cook-Cowden	
Client Phone No.: 320-0699	Client No.: 92115-0001 Shelly Cook-Cowden	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
HOWELL E 2R	7/13/09		50837	(Soil) Sludge Solid Aqueous	1/4oz			✓	X	X												–	✓
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
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				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Shelly Cook-Cowden	7/14/09	7:55	[signature]	7/14/09	7:55
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Area #5 AMO 2315847

ENVIROTECH INC.

Please Call Shelly ASAP 320-0699

RUSH

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 *RUSH* thank you