

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

Form C-141
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

API 30-039-23601

OPERATOR

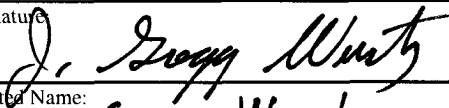
☐ Initial Report ☒ Final Report

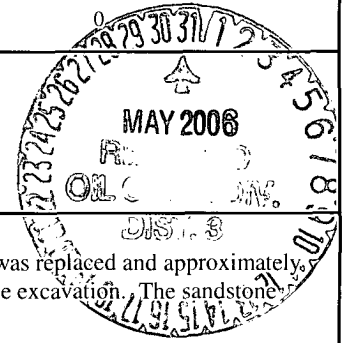
Name of Company	Burlington Resources	Contact	Gregg Wurtz
Address	P.O. Box 4289 Farmington NM 87499	Telephone No.	
Facility Name	SAN JUAN 29-7 UNIT h BR 31E	Facility Type	Gas Well
Surface Owner	Fed	Mineral Owner	Fed
Lease No.	B-10037-46-NM		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	32	029N	007W	800	910	North	East	San Juan

NATURE OF RELEASE

Type of Release	Condensate	Volume of Release	51 BBLs.	Volume Recovered	0 BBLs.
Source of Release	Production Storage Tank	Date and Hour of Occurrence	5/1/2006 3:30:00 AM	Date and Hour of Discovery	5/1/2006 3:30:00 AM
Was Immediate Notice Given?	☒ Yes ☐ No ☐ Not Required	If YES, To Whom?	Charlie Perrin		
By Whom?	Gregg Wurtz	Date and Hour	5/2/2006 3:30:00 AM		
Was a Watercourse Reached?	☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.*	None				
Describe Cause of Problem and Remedial Action Taken.*	A corrosion hole in production storage tank approximately one inch from the bottom of the tank base. The tank was replaced and approximately 355 cu yds of impacted soils were excavated and landfarmed on location. Sandstone was discovered at 6 feet in the excavation. The sandstone limited the practical extent of excavation of soils vertically.				
Describe Area Affected and Cleanup Action Taken.*	A 40 foot by 40 foot area on location and within the bermed area was impacted by the condensate released from the tank..				
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					
Printed Name:	Gregg Wurtz				
Title: Environmental Representative	Approval Date:		5/31/06		Expiration Date:
E-mail Address: lhasely@br-inc. com or gwurtz@br-inc.com	Conditions of Approval:				Attached
Date: 5/30/06	Phone: (505) 326-9841 or 9537				☐



* Attach Additional Sheets If Necessary

n BPO619433930

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Rec 5/22/06 *file!*

CLIENT: <u>Burlington Resources</u>	ENVIROTECH INC. ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615	LOCATION NO: _____ C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>San Juan 29-7</u> WELL #: <u>31E</u> PIT: _____	DATE STARTED: _____
QUAD/UNIT: _____ SEC: <u>32</u> TWP: <u>29N</u> RNG: <u>7W</u> PM: <u>NMPM</u> CNTY: <u>Albany</u>	DATE FINISHED: <u>5/15/06</u>
QTR/FOOTAGE: <u>800' N 910' E</u> CONTRACTOR: <u>Bailey's Welding</u>	ENVIRONMENTAL SPECIALIST: <u>NMPM</u>

EXCAVATION APPROX. 70' FT. x 57' FT. x 6' FT. DEEP. CUBIC YARDAGE: 880 yd³

DISPOSAL FACILITY: On-site REMEDIATION METHOD: landfarm

LAND USE: _____ LEASE: B-10037-46 FORMATION: _____

FIELD NOTES & REMARKS: excavation LOCATED APPROXIMATELY 70' FT. 6' FROM WELLHEAD

DEPTH TO GROUNDWATER: 0 NEAREST WATER SOURCE: 0 NEAREST SURFACE WATER: 10

NMOCB RANKING SCORE: 10 NMOCB TPH CLOSURE STD: 1000 PPM

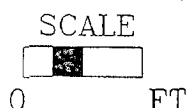
SOIL AND EXCAVATION DESCRIPTION:

CHECK ONE:
☐ PIT ABANDONED
☐ STEEL TANK INSTALLED

Excavation complete on arrival. Excavation necessary due to condensate spill. Sandstone encountered @ 6' BGS. Soil will be landfarmed on-site until below closure standards. Excavation will remain open till landfarmed soil can be returned to excavation.

FIELD 418.1 CALCULATIONS

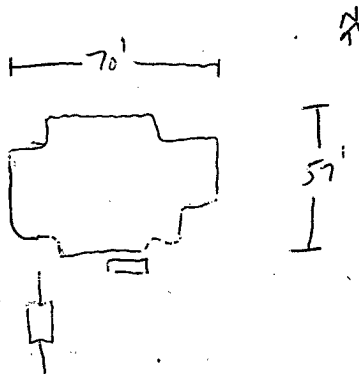
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
		SEE	418.1	Analysis			



PIT PERIMETER

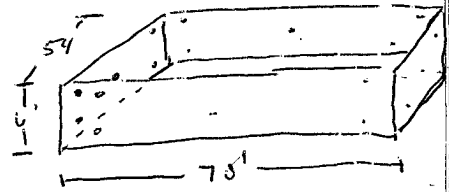
OVM RESULTS

PIT PROFILE



SAMPLE ID	FIELD HEADSPACE P10 (ppm)
1 N. Well	7
2 E. Well	5
3 S. Well	48
4 W. Well	17
5	

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME



• = Sample points

TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-074
Sample No.:	1	Date Reported:	5/5/2006
Sample ID:	N. Wall, 5 Pt. Composite	Date Sampled:	5/5/2006
Sample Matrix:	Soil	Date Analyzed:	5/5/2006
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

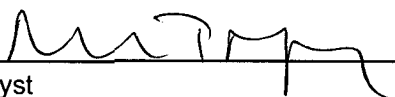
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	66.6	5.0
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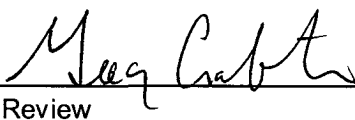
ND = Parameter not detected at the stated detection limit.

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

Comments: **San Juan 29-7 Unit 31E**



Analyst



Review

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-074
Sample No.:	2	Date Reported:	5/5/2006
Sample ID:	E. Wall, 5 Pt. Composite	Date Sampled:	5/5/2006
Sample Matrix:	Soil	Date Analyzed:	5/5/2006
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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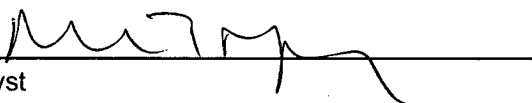
Total Petroleum Hydrocarbons	86.0	5.0
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ND = Parameter not detected at the stated detection limit.

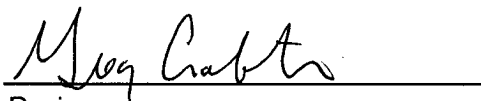
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 29-7 Unit 31E**

Analyst



Review



ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-074
Sample No.:	3	Date Reported:	5/5/2006
Sample ID:	S. Wall, 5 Pt. Composite	Date Sampled:	5/5/2006
Sample Matrix:	Soil	Date Analyzed:	5/5/2006
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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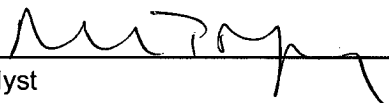
Total Petroleum Hydrocarbons	458	5.0
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ND = Parameter not detected at the stated detection limit.

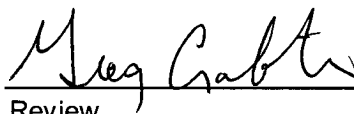
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 29-7 Unit 31E**

Analyst



Review



ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-074
Sample No.:	4	Date Reported:	5/5/2006
Sample ID:	W. Wall, 5 Pt. Composite	Date Sampled:	5/5/2006
Sample Matrix:	Soil	Date Analyzed:	5/5/2006
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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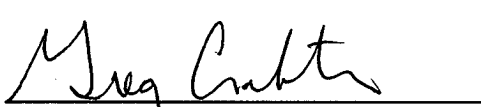
Total Petroleum Hydrocarbons	137	5.0
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ND = Parameter not detected at the stated detection limit.

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

Comments: **San Juan 29-7 Unit 31E**


Analyst


Review

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-074
Sample No.:	5	Date Reported:	5/5/2006
Sample ID:	Bottom @ 6' BGS, Sandstone	Date Sampled:	5/5/2006
Sample Matrix:	Soil	Date Analyzed:	5/5/2006
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	1,360	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: **San Juan 29-7 Unit 31E**



Analyst



Review

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS QUALITY ASSURANCE REPORT

Client:	Burlington Resources	Project #:	92115-074
Sample ID:	QA/QC	Date Reported:	5/5/2006
Laboratory Number:	01-24-TPH.QA/QC	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	1/24/2005
Preservative:	N/A	Date Extracted:	1/24/2005
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	05-22-04	1/24/2005	1,735	1,754	1.1%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	5.0

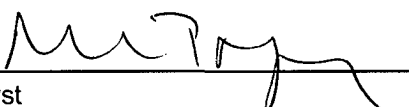
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	2,471	2,352	4.8%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	2,471	2,000	5,030	112.5%	80 - 120%

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: QA/QC for San Juan 29-7 Unit 31E


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Burlington	Project #:	92115-074
Sample ID:	Bottom @ 6'	Date Reported:	05-10-06
Laboratory Number:	37050	Date Sampled:	05-05-06
Chain of Custody:	15882	Date Received:	05-05-06
Sample Matrix:	Soil	Date Analyzed:	05-10-06
Preservative:	Cool	Date Extracted:	05-09-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	170	1.8
Toluene	1,710	1.7
Ethylbenzene	885	1.5
p,m-Xylene	5,590	2.2
o-Xylene	1,490	1.0
Total BTEX	9,850	

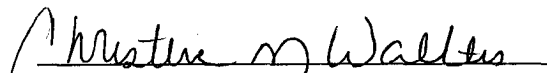
ND - Parameter not detected at the stated detection limit.

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: San Juan 29-7 #31E.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-10-BTEX QA/QC	Date Reported:	05-10-06
Laboratory Number:	37043	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-10-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	6.5940E+007	6.6072E+007	0.2%	ND	0.2
Toluene	8.0943E+007	8.1106E+007	0.2%	ND	0.2
Ethylbenzene	4.6913E+007	4.7007E+007	0.2%	ND	0.2
p,m-Xylene	1.5160E+008	1.5191E+008	0.2%	ND	0.2
o-Xylene	7.2941E+007	7.3087E+007	0.2%	ND	0.1

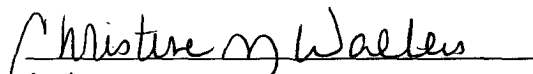
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect Limit
Benzene	107	106	0.1%	0 - 30%	1.8
Toluene	54.3	54.3	0.0%	0 - 30%	1.7
Ethylbenzene	32.6	32.6	0.0%	0 - 30%	1.5
p,m-Xylene	104	103	1.0%	0 - 30%	2.2
o-Xylene	62.2	62.0	0.3%	0 - 30%	1.0

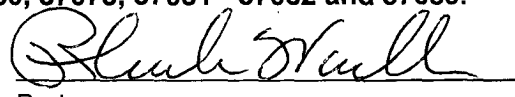
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	107	50.0	156	99.9%	39 - 150
Toluene	54.3	50.0	104	99.9%	46 - 148
Ethylbenzene	32.6	50.0	82.4	99.8%	32 - 160
p,m-Xylene	104	100	202	98.9%	46 - 148
o-Xylene	62.2	50.0	112	99.8%	46 - 148

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 37043, 37047, 37050, 37073, 37081 - 37082 and 37089.


Analyst


Review

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ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615