

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

NOV 25 2015

Form C-141
Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: BP	Contact: Steve Moskal
Address: 200 Energy Court, Farmington, NM 87401	Telephone No.: 505-326-9497
Facility Name: Florance 45A	Facility Type: Natural gas well
Surface Owner: Fee	Mineral Owner: Federal
API No. 3004522130	

LOCATION OF RELEASE

Unit Letter J	Section 22	Township 30N	Range 8W	Feet from the 1,530	North/South Line South	Feet from the 1,470	East/West Line East	County: San Juan
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Latitude 36.79377 Longitude 107.65969

NATURE OF RELEASE

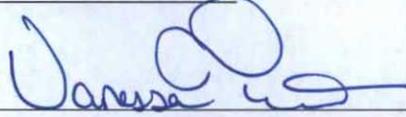
Type of Release: none	Volume of Release: unknown	Volume Recovered: N/A
Source of Release: below grade tank - 21 bbl	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: October 20, 2008
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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.* Sampling of the soil beneath the BGT was done during removal. Soil analysis resulted for BTEX and chloride below standards. However, laboratory results for TPH via Method 418.1 were 425 ppm. The tank location was subsequently sampled following the spill and release guidelines for 8015 GRO and DRO with laboratory results below site closure standards. Analysis results are attached.

Describe Area Affected and Cleanup Action Taken.* BGT was removed and replaced with a low profile tank. The area is still within the active well area and will be reclaimed once the well is plugged and abandoned.

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: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Steve Moskal	Approved by Environmental Specialist: 	
Title: Field Environmental Coordinator	Approval Date: <u>11/3/2015</u>	Expiration Date:
E-mail Address: steven.moskal@bp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: November 25, 2015	Phone: 505-326-9497	

* Attach Additional Sheets If Necessary

NVF 1601333 627

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	21 BBL BGT 5-pt @ 6' @ TB	Date Reported:	10-29-08
Laboratory Number:	47783	Date Sampled:	10-20-08
Chain of Custody No:	5580	Date Received:	10-20-08
Sample Matrix:	Soil	Date Extracted:	10-22-08
Preservative:	Cool	Date Analyzed:	10-22-08
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	425	5.0

ND = Parameter not detected at the stated detection limit.

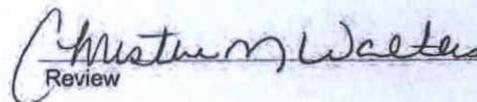
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Florance 45A.**

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	21 BBL BGT 5-pt @ 6' @ TB	Date Reported:	10-27-08
Laboratory Number:	47783	Date Sampled:	10-20-08
Chain of Custody:	5580	Date Received:	10-20-08
Sample Matrix:	Soil	Date Analyzed:	10-22-08
Preservative:	Cool	Date Extracted:	10-21-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.6	0.9
Toluene	7.5	1.0
Ethylbenzene	6.4	1.0
p,m-Xylene	24.6	1.2
o-Xylene	9.7	0.9
Total BTEX	50.8	

ND - Parameter not detected at the stated detection limit.

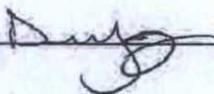
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

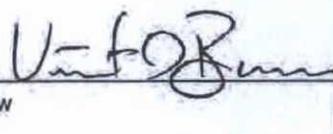
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Florance 45A

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	21 BBL BGT 5-pt @ 6' @ TB	Date Reported:	10-28-08
Lab ID#:	47783	Date Sampled:	10-20-08
Sample Matrix:	Soil	Date Received:	10-20-08
Preservative:	Cool	Date Analyzed:	10-22-08
Condition:	Intact	Chain of Custody:	5580

Parameter

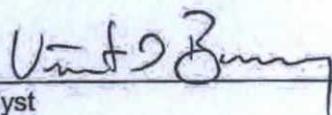
Concentration (mg/Kg)

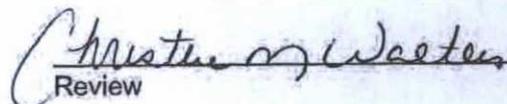
Total Chloride

10.0

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Florance 45A.


Analyst


Review

CHAIN OF CUSTODY RECORD

5580

Client: <i>BLAGG / BP</i>	Project Name / Location: <i>FLORENCE 45 A</i>	ANALYSIS / PARAMETERS											
Client Address:	Sampler Name: <i>JEFF BLAGG</i>	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
Client Phone No.:	Client No.: <i>94034-010</i>												

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	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact		
						H ₂ O ₂	HCl														
<i>21 BBL BOT 5-PT @ 6' @ TB</i>	<i>10/20/03</i>	<i>1110</i>	<i>47783</i>	<i>Soil Solid</i> / <i>Sludge Aqueous</i>	<i>1-402</i>				<i>X</i>										<i>✓</i>	<i>✓</i>	
				<i>Soil Solid</i> / <i>Sludge Aqueous</i>																	
				<i>Soil Solid</i> / <i>Sludge Aqueous</i>																	
				<i>Soil Solid</i> / <i>Sludge Aqueous</i>																	
				<i>Soil Solid</i> / <i>Sludge Aqueous</i>																	
				<i>Soil Solid</i> / <i>Sludge Aqueous</i>																	
				<i>Soil Solid</i> / <i>Sludge Aqueous</i>																	
				<i>Soil Solid</i> / <i>Sludge Aqueous</i>																	
				<i>Soil Solid</i> / <i>Sludge Aqueous</i>																	
				<i>Soil Solid</i> / <i>Sludge Aqueous</i>																	

Relinquished by: (Signature) <i>Jeff Blagg</i>	Date <i>10/20/03</i>	Time <i>1442</i>	Received by: (Signature) <i>Kendall Augustin</i>	Date <i>10/20/03</i>	Time <i>1442</i>
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	10-27-08
Laboratory Number:	10-22-TPH.QA/QC 47782	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	10-22-08
Preservative:	N/A	Date Extracted:	10-22-08
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	10-06-08	10-22-08	1,770	1,790	1.1%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	12.8

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	25.5	24.1	5.5%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	25.5	2,000	2,410	119%	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 Samples 47782, 47783, 47795, 47803 and 47804.

Analyst

V. J. Bunn

Review

Christine M. Watter

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-22-BT QA/QC	Date Reported:	10-27-08
Laboratory Number:	47777	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-22-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF: Accept. Range 0 - 15%	%Diff.	Blank Conc	Detect. Limit
Benzene	4.8492E+007	4.8589E+007	0.2%	ND	0.1
Toluene	3.8780E+007	3.8857E+007	0.2%	ND	0.1
Ethylbenzene	2.9220E+007	2.9278E+007	0.2%	ND	0.1
p,m-Xylene	6.2178E+007	6.2302E+007	0.2%	ND	0.1
o-Xylene	2.7624E+007	2.7679E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	2.2	2.4	9.1%	0 - 30%	0.9
Toluene	3.9	4.1	5.1%	0 - 30%	1.0
Ethylbenzene	5.5	5.4	1.8%	0 - 30%	1.0
p,m-Xylene	12.4	14.4	16.1%	0 - 30%	1.2
o-Xylene	3.8	3.6	5.3%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2.2	50.0	51.2	98.1%	39 - 150
Toluene	3.9	50.0	48.9	90.7%	46 - 148
Ethylbenzene	5.5	50.0	53.5	96.4%	32 - 160
p,m-Xylene	12.4	100	104	92.9%	46 - 148
o-Xylene	3.8	50.0	50.8	94.4%	46 - 148

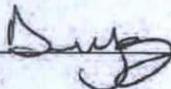
ND - Parameter not detected at the stated detection limit.

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 47777 - 47783, 47791, and 47792.

Analyst



Review



Analytical Report

Lab Order 1511727

Date Reported: 11/24/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: 5PC-TB@6.5' (21)

Project: Florance #45A

Collection Date: 11/17/2015 10:22:00 AM

Lab ID: 1511727-001

Matrix: SOIL

Received Date: 11/18/2015 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	38	9.9		mg/Kg	1	11/23/2015 11:53:23 AM	22442
Surr: DNOP	101	70-130		%REC	1	11/23/2015 11:53:23 AM	22442
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/20/2015 10:29:00 AM	22392
Surr: BFB	89.2	75.4-113		%REC	1	11/20/2015 10:29:00 AM	22392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:		
*	Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1511727
 24-Nov-15

Client: Blagg Engineering
Project: Florance #45A

Sample ID: MB-22442	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 22442	RunNo: 30413								
Prep Date: 11/20/2015	Analysis Date: 11/23/2015	SeqNo: 928213	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	11		10.00		110	70	130			

Sample ID: LCS-22442	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 22442	RunNo: 30413								
Prep Date: 11/20/2015	Analysis Date: 11/23/2015	SeqNo: 928361	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	101	57.4	139			
Surr: DNOP	5.5		5.000		110	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511727

24-Nov-15

Client: Blagg Engineering

Project: Florance #45A

Sample ID	MB-22392	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	22392	RunNo:	30395					
Prep Date:	11/18/2015	Analysis Date:	11/20/2015	SeqNo:	927442	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	810		1000		80.7	75.4	113			

Sample ID	LCS-22392	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	22392	RunNo:	30395					
Prep Date:	11/18/2015	Analysis Date:	11/20/2015	SeqNo:	927443	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.5	79.6	122			
Surr: BFB	990		1000		99.4	75.4	113			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

505-947-9900

**BP AMERICA PRODUCTION COMPANY
FLORANCE 045A**

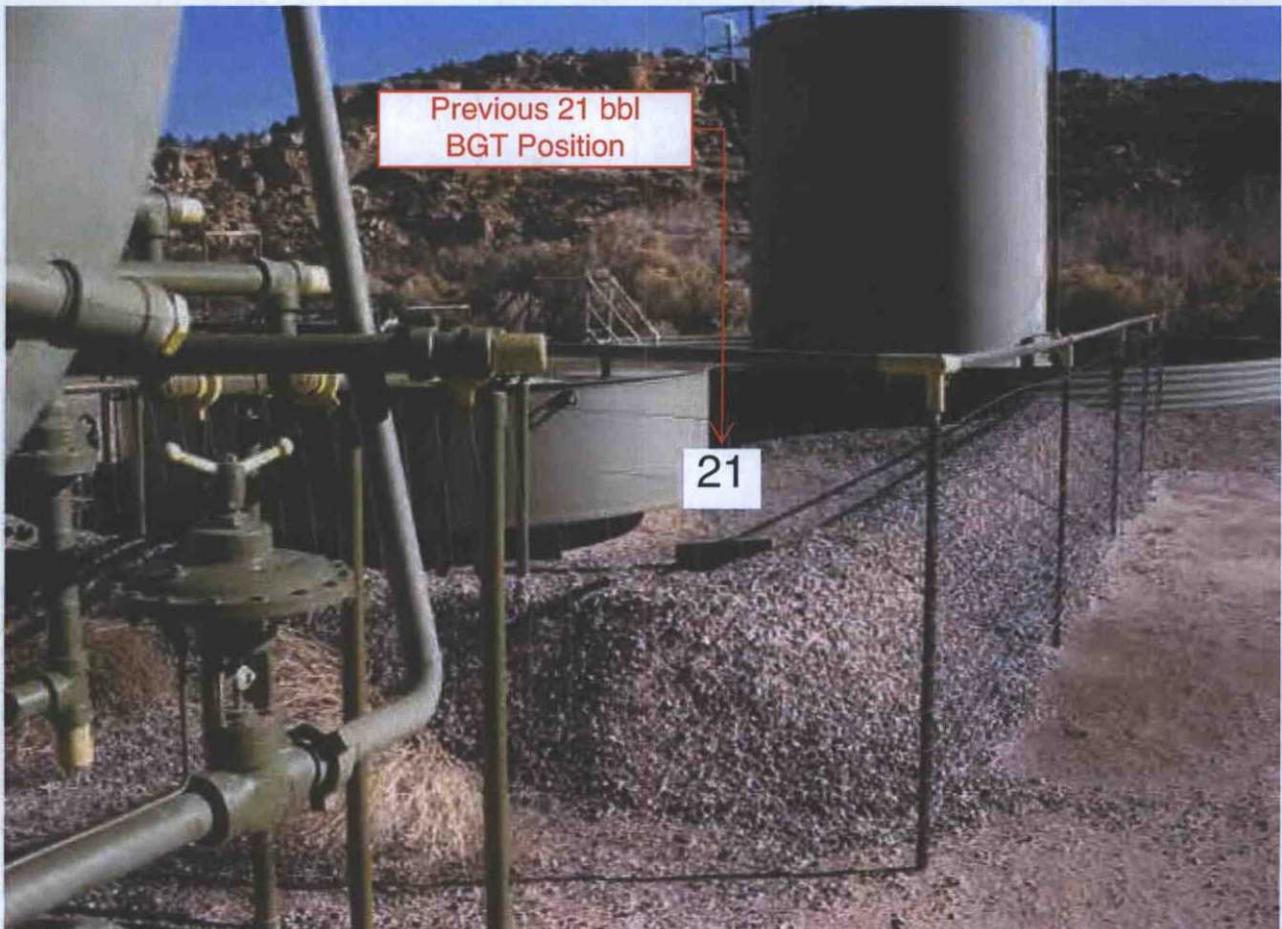
API 3004522130 LEASE NMSF078578

1530 FSL 1470 FEL (J) SEC 22 T30N R8W

San Juan County ELEV 5840

LAT 36° 47' 38.364"

LONG 107° 39' 33.480"



Previous 21 bbl
BGT Position

21