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

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

OIL CONS. DIV DIST. 3
OCT 16 2015

Form C-141
Revised August 8, 2011

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 T 123	Facility Type: Natural gas well

Surface Owner: Federal	Mineral Owner: Federal	API No. 3004524151

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: San Juan
E	3	29N	8W	1,830	North	800	West	

Latitude 36.75635 **Longitude** -107.66893

NATURE OF RELEASE

Type of Release: 95 bbl BGT – Produced Water	Volume of Release: unknown	Volume Recovered: none
Source of Release: 95 bbl BGT	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: 1-7-09; unknown
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* During removal of a below grade tank (95 bbl), soil was sampled for laboratory analysis. TPH via method 418.1 exceeded the BGT closure standard (521 ppm), however per the spill guideline standards TPH analysis via 8015 resulted in 14.3 ppm. BTEX was also below standard with results of 0.692 ppm. Laboratory analytical results are attached.

Describe Area Affected and Cleanup Action Taken.* During removal of a below grade tank, soil was sampled to ensure a release had occurred. The attached laboratory results indicate impacts below the spill guideline standards. The location of the BGT has been backfilled and remains in the existing well pad area. Reclamation of the well will be executed after plugging and abandonment.

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:	OIL CONSERVATION DIVISION
Printed Name: Steve Moskal	Approved by Environmental Specialist:
Title: Field Environmental Coordinator	Approval Date: Expiration Date: 11/24/2015
E-mail Address: steven.moskal@bp.com	Conditions of Approval: Attached ☐
Date: October 16, 2015 Phone: 505-326-9497	

* Attach Additional Sheets If Necessary

NJK1527833253

11

CLIENT: BP

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

API #: 3004524151

FIELD REPORT:

BGT CONFIRMATION / TEMP. PIT CLOSURE / RELEASE INVESTIGATION
(other)

PAGE No: 1 of 1

SITE INFORMATION:

SITE NAME: FLORANCE T # 123

QUAD/UNIT: E SEC: 3 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM

QTR-QTR/FOOTAGE: 1,830'N / 800'W SW/NW LEASE TYPE: FEDERAL / STATE / FEE / INDIAN

LEASE #: SF078596A PROD. FORMATION: PC CONTRACTOR: HIGH DESERT

DATE STARTED: 12/31/08

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: JCB

REFERENCE POINT:

WELL HEAD (W.H.) GPS COORD.: 36.75663 X 107.66885 GL ELEV.: 6,304'

		GPS COORD.	DISTANCE/BEARING FROM W.H.
1)	95 BGT (SW/DB)	36.75635 X 107.66893	117', S15W
2)			
3)			
4)			
5)			

LAB INFORMATION:

CHAIN OF CUSTODY RECORD(S): ENVIROTECH

	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	LAB ANALYSIS
1)	95 BGT 5-pt. @ 6'	12/31/08	1200	418.1/8015B/8021B/4500B (Cl)
2)				
3)				
4)				
5)				

SOIL DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (sandstone)

SOIL COLOR: DARK YELLOWISH TO GRAYISH ORANGE

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -

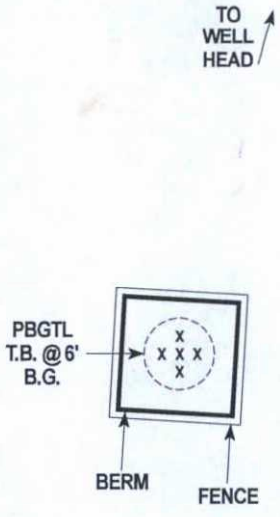
HC ODOR DETECTED: YES / NO EXPLANATION -

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5

ADDITIONAL COMMENTS: NO APPARENT EVIDENCE OF A RELEASE OBSERVED FROM BGT. BEDROCK DIRECTLY BENEATH BGT BOTTOM.

EXCAVATION DIMENSIONS (if applicable): NA ft. X NA ft. X NA ft. cubic yards excavated (if applicable): NA

SITE SKETCH



PLOT PLAN
circle: Attached

MISCELL. NOTES

SW - SINGLE WALLED
DW - DOUBLE BOTTOM

SIDEWALLS NOT VISIBLE

MAGNETIC DECLINATION @ 13.5°E

NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL.

TRAVEL NOTES: CALLOUT: ONSITE: 12/31/08

revised: 11/21/08

BEI1005E.SKF

envirotech
Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT 5pt @ 6'	Date Reported:	01-07-09
Laboratory Number:	48596	Date Sampled:	12-31-08
Chain of Custody No:	6027	Date Received:	12-31-08
Sample Matrix:	Soil	Date Extracted:	01-05-09
Preservative:	Cool	Date Analyzed:	01-05-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**521**	**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 T 123.**

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

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT 5pt @ 6'	Date Reported:	01-06-09
Laboratory Number:	48596	Date Sampled:	12-31-08
Chain of Custody No:	6027	Date Received:	12-31-08
Sample Matrix:	Soil	Date Extracted:	01-02-09
Preservative:	Cool	Date Analyzed:	01-05-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**5.5**	**0.2**
Diesel Range (C10 - C28)	**8.8**	**0.1**
Total Petroleum Hydrocarbons	**14.3**	**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: **Florance T 123**

Analyst

Review

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Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT 5pt @ 6'	Date Reported:	01-06-09
Laboratory Number:	48596	Date Sampled:	12-31-08
Chain of Custody:	6027	Date Received:	12-31-08
Sample Matrix:	Soil	Date Analyzed:	01-05-09
Preservative:	Cool	Date Extracted:	01-02-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**114**	**1.0**
Ethylbenzene	**34.6**	**1.0**
p,m-Xylene	**457**	**1.2**
o-Xylene	**86.2**	**0.9**
Total BTEX	**692**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**97.0 %**
	1,4-difluorobenzene	**97.0 %**
	Bromochlorobenzene	**97.0 %**

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 T 123.**

Analyst

Review

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Analytical Laboratory

Chloride

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT 5 Pt @ 6'	Date Reported:	01-07-09
Lab ID#:	48596	Date Sampled:	12-31-08
Sample Matrix:	Soil	Date Received:	12-31-08
Preservative:	Cool	Date Analyzed:	01-06-09
Condition:	Intact	Chain of Custody:	6027

Parameter	Concentration (mg/Kg)
Total Chloride	**45.0**

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 T 123.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

6027

Client:	Project Name / Location:
BLAGG/BP	FLORANCE T 123
Client Address:	Sampler Name: JEFF BLAGG
Client Phone No.:	Client No.: 94034-0010

ANALYSIS / PARAMETERS

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
95 BGT 5 pt e6	12/31/03	1200	48596	(Soil) Solid Sludge Aqueous	1-4oz			x	x							x	x				✓	✓
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jeff Blagg	12/31/03	1400	[signature]	12/31/03	1400
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
Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	01-07-09
Laboratory Number:	01-02-TPH.QA/QC 48585	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	01-05-09
Preservative:	N/A	Date Extracted:	01-05-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	12-03-08	01-05-09	1,590	1,590	0.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	25.4

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	394	318	19.4%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	394	2,000	2,290	95.7%	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 48585 and 48596.**

Analyst

Review

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envirotech
Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	01-05-09 QA/QC	Date Reported:	01-06-09
Laboratory Number:	48579	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-05-09
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	9.9808E+002	9.9848E+002	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	9.8530E+002	9.8569E+002	**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	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**246**	**98.4%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**252**	**101%**	**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 Sample 48579 - 48584, 48588, and 48596.**

Analyst

Review

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envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	01-05-BT QA/QC	Date Reported:	01-06-09
Laboratory Number:	48579	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-05-09
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	1.0874E+006	1.0895E+006	0.2%	ND	0.1
Toluene	1.0478E+006	1.0499E+006	0.2%	ND	0.1
Ethylbenzene	9.5540E+005	9.5732E+005	0.2%	ND	0.1
p,m-Xylene	2.2681E+006	2.2726E+006	0.2%	ND	0.1
o-Xylene	9.6670E+005	9.6864E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	3.5	3.7	5.7%	0 - 30%	1.0
Ethylbenzene	2.8	2.9	3.6%	0 - 30%	1.0
p,m-Xylene	9.3	9.1	2.2%	0 - 30%	1.2
o-Xylene	7.0	6.7	4.3%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	48.0	96.0%	39 - 150
Toluene	3.5	50.0	52.2	97.6%	46 - 148
Ethylbenzene	2.8	50.0	50.8	96.2%	32 - 160
p,m-Xylene	9.3	100	104	95.3%	46 - 148
o-Xylene	7.0	50.0	59.4	104%	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 48579 - 48584, 48588, 48589, and 48596.

Analyst

Review

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505-947-9900
BP AMERICA PRODUCTION COMPANY
FLORANCE T 123
API 3004524151 LEASE NMSF078596A
1830 FNL 800 FWL (E) SEC 3 T29N R8W
San Juan County ELEV 6304
LAT 36° 45' 23.904"
LONG 107°40' 7.752"


Previous 95 bbl
BGT Position
95