OIL CONS. DIV DIST. 3

NOV 23 2015

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

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: A.L. Elliott J #1	Facility Type: Natural gas well

Surface Owner: Federal	Mineral Owner: Federal	API No. 3004526854

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: San Juan
P	10	29N	9W	920	South	790	East	

Latitude 36.73498 **Longitude** -107.76004

NATURE OF RELEASE

Type of Release: none	Volume of Release: N/A	Volume Recovered: N/A
Source of Release: below grade tank – 95 bbl	Date and Hour of Occurrence:	Date and Hour of Discovery:
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.* Sampling of the soil beneath the BGT was done during removal to ensure no soil impacts from the BGT. Soil analysis resulted in BTEX and chloride below the BGT closure. TPH analysis via Method 418.1 exceeded the BGT closure standards; however analysis for TPH via 8015 determined no remedial action is necessary following the spill and release guidelines. Analysis results are attached.

Describe Area Affected and Cleanup Action Taken.* BGT was removed and the area underneath the BGT was sampled. The area under the BGT was backfilled and compacted and is still within the active well area.

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: 12/09/2015 Expiration Date:
E-mail Address: steven.moskal@bp.com	Conditions of Approval: Attached ☐
Date: November 18, 2015 Phone: 505-326-9497	

* Attach Additional Sheets If Necessary

NJK1530348443

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CLIENT: BP

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

API #: 3004526854

FIELD REPORT:

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

PAGE No: 1 of 1

SITE INFORMATION:

SITE NAME: A.L. ELLIOTT J #1

QUAD/UNIT: P SEC: 10 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM

QTR-QTR/FOOTAGE: 920'S / 790'E SE/SE LEASE TYPE: FEDERAL / STATE / FEE / INDIAN

LEASE #: SF078132 PROD. FORMATION: DK CONTRACTOR: ELKHORN MBF - K. CAMPBELL

DATE STARTED: 06/19/09

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: NJV

REFERENCE POINT:

WELL HEAD (W.H.) GPS COORD.: 36.73461 X 107.75999 GL ELEV.: 5,857'

		GPS COORD.	DISTANCE/BEARING FROM W.H.
1)	95 BGT (SW/DB)	36.73498 X 107.76004	147', N5W
2)			
3)			
4)			
5)			

LAB INFORMATION:

CHAIN OF CUSTODY RECORD(S): HALL

	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	LAB ANALYSIS
1)	5PC - TB @ 3' - 95 BBL BGT	06/19/09	0850	418.1/8015B/8021B/300.0 (Cl)
2)				
3)				
4)				
5)				

SOIL DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

SOIL COLOR: DARK YELLOWISH ORANGE TO DARK YELLOWISH BROWN

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 -

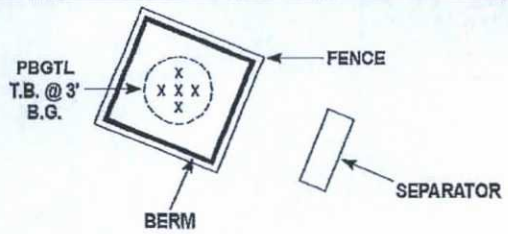
HC ODOR DETECTED: YES / NO EXPLANATION -

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

ADDITIONAL COMMENTS:
GAS WELL RECENTLY PLUGGED & ABANDONED (P&A). NO APPARENT EVIDENCE OF A RELEASE OBSERVED FROM BGT.

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

SITE SKETCH



XTO ENERGY INC.
A.L. ELLIOTT B #5E ⊕
WELL HEAD

⊕ J #1
P&A
MARKER

X - S.P.D.

PLOT PLAN
circle: Attached

MISCELL. NOTES

SW - SINGLE WALLED
DW - DOUBLE BOTTOM

SIDEWALLS 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: 06/19/09

revised: 11/21/08

BEI1005E.SKF

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Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	5PC-TB @ 3' 95 BBL BGT	Date Reported:	06-25-09
Laboratory Number:	50592	Date Sampled:	06-19-09
Chain of Custody No:	5958	Date Received:	06-19-09
Sample Matrix:	Soil	Date Extracted:	06-22-09
Preservative:	Cool	Date Analyzed:	06-22-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**115**	**10.5**

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: **A.L. Elliott J #1 5 Pt Composite Sample.**

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

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Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	5PC-TB@3'-95 BBL BGT	Date Reported:	06-24-09
Laboratory Number:	50592	Date Sampled:	06-19-09
Chain of Custody:	5958	Date Received:	06-19-09
Sample Matrix:	Soil	Date Analyzed:	06-23-09
Preservative:	Cool	Date Extracted:	06-22-09
Condition:	Intact	Analysis Requested:	BTEX

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

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: **A.L. Elliott J#1, 5pt. Composite Sample.**

Analyst

Review

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Chloride

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	5PC-TB @ 3' - 95 BBL BGT	Date Reported:	06-25-09
Lab ID#:	50592	Date Sampled:	06-19-09
Sample Matrix:	Soil	Date Received:	06-19-09
Preservative:	Cool	Date Analyzed:	06-23-09
Condition:	Intact	Chain of Custody:	5958

Parameter	Concentration (mg/Kg)
Total Chloride	3

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: **A.L. Elliott J #1 5 Pt. Composite Sample**

Analyst

Review

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	PTB@0' - 300 BBL	Date Reported:	06-24-09
Laboratory Number:	50593	Date Sampled:	06-19-09
Chain of Custody No:	5958	Date Received:	06-19-09
Sample Matrix:	Soil	Date Extracted:	06-22-09
Preservative:	Cool	Date Analyzed:	06-23-09
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: **A.L. Elliott J#1, Grab Sample.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

5958

Client: ~~Elliott~~ BP	Project Name / Location: A.L. Elliott J#1	ANALYSIS / PARAMETERS
Client Address:	Sampler Name: Nelson Velez	
Client Phone No.:	Client No.: 94034-0010	

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative: $HgCl_2$	HCl	Cool	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE		5 pt. composite sample	GRO sample	Sample Cool	Sample Intact
SPL-TBG 3' - 95' BGL BGT	6/19/09	0850	50592	(Soil) Solid Sludge Aqueous	1-4oz.			✓		✓							✓	✓		✓		✓	✓
				Soil Solid Sludge Aqueous																			
FTBG 0' - 300 BGL	6/19/09	0855	50593	(Soil) Solid Sludge Aqueous	1-4oz.			✓	✓												✓	✓	✓
				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
Nelson Velez	6/19/09	1542	Christine M Waeta	6/19/09	1542
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

ACCENT Printing • Form 28-0807

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Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	06-22-09
Laboratory Number:	06-22-TPH.QA/QC 50550	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	06-22-09
Preservative:	N/A	Date Extracted:	06-22-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	06-16-09	06-22-09	1,310	1,270	3.1%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	10.5

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	15.7	14.7	6.4%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	15.7	2,000	1,810	89.8%	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 50550, 50582 - 50583, 50585 - 50586, 50592, 50595 and 50597.

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-23-BT QA/QC	Date Reported:	06-24-09
Laboratory Number:	50582	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-23-09
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	3.1499E+006	3.1562E+006	0.2%	ND	0.1
Toluene	2.9137E+006	2.9195E+006	0.2%	ND	0.1
Ethylbenzene	2.5744E+006	2.5795E+006	0.2%	ND	0.1
p,m-Xylene	6.7245E+006	6.7380E+006	0.2%	ND	0.1
o-Xylene	2.4674E+006	2.4724E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	2.2	2.0	9.1%	0 - 30%	0.9
Toluene	15.8	14.7	7.0%	0 - 30%	1.0
Ethylbenzene	2.5	2.4	4.0%	0 - 30%	1.0
p,m-Xylene	70.6	73.6	4.2%	0 - 30%	1.2
o-Xylene	39.8	38.6	3.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2.2	50.0	52.0	99.6%	39 - 150
Toluene	15.8	50.0	67.2	102%	46 - 148
Ethylbenzene	2.5	50.0	53.9	103%	32 - 160
p,m-Xylene	70.6	100	168	98.6%	46 - 148
o-Xylene	39.8	50.0	90.9	101%	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 50582, 50583, 50585, 50586, 50589, 50591, 50592, 50594, 50595, and 50597.

Analyst

Review

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Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-23-09 QA/QC	Date Reported:	06-24-09
Laboratory Number:	50582	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-23-09
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	1.0361E+003	1.0365E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0054E+003	1.0058E+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	2.6	2.7	3.8%	0 - 30%
Diesel Range C10 - C28	65.5	65.0	0.8%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	2.6	250	257	102%	75 - 125%
Diesel Range C10 - C28	65.5	250	330	104%	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 50582, 50583, 50585, 50586, 50589, 50591, 50593 - 50595, and 50597.

Analyst

Review

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