

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 April 3, 2017

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 America Production Company	Contact	Erin Garifalos
Address	200 Energy Court, Farmington, NM 87401	Telephone No.	(832) 609-7048
Facility Name	FIELDS A 022	Facility Type	Natural Gas Well

Surface Owner	Federal	Mineral Owner	Federal	API No.	3004527941
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	29	32N	11W	1,840	North	2,050	East	San Juan

Latitude 36.958337 Longitude -108.008919 NAD83

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: n/a	Date and Hour of Discovery: n/a
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.	

NMOCD

APR 26 2018

DISTRICT III

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 Chlorides, TPH and BTEX below BGT closure standards, except TPH. TPH concentrations were 65 mg/kg, the closure standard at this particular location is 1,000 mg/kg due to depth to groundwater. Therefore no further action is necessary. Field reports and laboratory results are attached.

Describe Area Affected and Cleanup Action Taken.*

No further action required. Final laboratory analysis attached.

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: <i>erin garifalos</i>	OIL CONSERVATION DIVISION	
Printed Name: Erin Garifalos	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Field Environmental Coordinator	Approval Date: 5/3/2018	Expiration Date:
E-mail Address: erin.garifalos@bp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: March 30, 2018	Phone: (832) 609-7048	

* Attach Additional Sheets If Necessary

NVF 1811427122

10

CLIENT: BP		BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199		API #: 3004527941 TANK ID (if applicable): B	
FIELD REPORT: (circle one): <u>BGT CONFIRMATION</u> / RELEASE INVESTIGATION / OTHER: SITE INFORMATION: SITE NAME: FIELDS A # 22 QUAD/UNIT: G SEC: 29 TWP: 32N RNG: 11W PM: NM CNTY: SJ ST: NM 1/4 -1/4/FOOTAGE: 1,840'N / 2,050'E SW/NE LEASE TYPE: <u>FEDERAL</u> / STATE / FEE / INDIAN LEASE #: NM010989 PROD. FORMATION: FT CONTRACTOR: STRIKE BP - J. GONZALES				PAGE #: 1 of 1	
				DATE STARTED: 02/07/18 DATE FINISHED: ENVIRONMENTAL SPECIALIST(S): NJV	
REFERENCE POINT: 1) 21 BGT (SW/DB) - B GPS COORD.: 36.958337 X 108.008919 DISTANCE/BEARING FROM W.H.: 143.5', N72.5E 2) GPS COORD.: DISTANCE/BEARING FROM W.H.: 3) GPS COORD.: DISTANCE/BEARING FROM W.H.: 4) GPS COORD.: DISTANCE/BEARING FROM W.H.:		WELL HEAD (W.H.) GPS COORD.: 36.95825 X 108.00941 GL ELEV.: 6,578' CHAIN OF CUSTODY RECORD(S) # OR LAB USED: HALL			
SAMPLING DATA: 1) SAMPLE ID: 5PC - TB @ 6' (21) - B SAMPLE DATE: 02/07/18 SAMPLE TIME: 1230 LAB ANALYSIS: 8015B/8021B/300.0 (CI) 2) SAMPLE ID: SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS: 3) SAMPLE ID: SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS: 4) SAMPLE ID: SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS: 5) SAMPLE ID: SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS:		SOIL DESCRIPTION: SOIL TYPE: SAND <u>SILTY SAND</u> SILT / SILTY CLAY / CLAY <u>GRAVEL</u> / OTHER BEDROCK (SHALE - OLIVE GRAY COLOR) SOIL COLOR: DARK YELLOWISH BROWN COHESION (ALL OTHERS): NON COHESIVE <u>SLIGHTLY COHESIVE</u> COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE <u>FIRM</u> DENSE / VERY DENSE MOISTURE: DRY <u>SLIGHTLY MOIST</u> MOIST / WET / SATURATED / SUPER SATURATED SAMPLE TYPE: GRAB <u>COMPOSITE</u> # OF PTS. 5 DISCOLORATION/STAINING OBSERVED: YES <u>NO</u> EXPLANATION - PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD HC ODOR DETECTED: YES <u>NO</u> EXPLANATION - ANY AREAS DISPLAYING WETNESS: YES <u>NO</u> EXPLANATION -			
SITE OBSERVATIONS: LOST INTEGRITY OF EQUIPMENT: YES <u>NO</u> EXPLANATION - APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: YES <u>NO</u> EXPLANATION: EQUIPMENT SET OVER RECLAIMED AREA: YES <u>NO</u> EXPLANATION - OTHER: NMOCED OR BLM REPS. NOT PRESENT TO WITNESS CONFIRMATION SAMPLING. BEDROCK COLLECTED FROM BENEATH 21 BGT - SOFT TO HARD, FRIABLE. EXCAVATION DIMENSION ESTIMATION: <u>NA</u> ft. X <u>NA</u> ft. X <u>NA</u> ft. EXCAVATION ESTIMATION (Cubic Yards): <u>NA</u> DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1,000'</u> NEAREST SURFACE WATER: <u><1,000'</u> NMOCED TPH CLOSURE STD: 1,000 ppm		SITE SKETCH BGT Located : off <u>on</u> site PLOT PLAN circle: <u>attached</u> <div style="text-align: center;"><p style="text-align: right;">X - S.P.D.</p></div>			
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA = NOT APPLICABLE OR NOT AVAILABLE; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM.		MISCELL. NOTES WO: REF #: P-925 VID: VHIXONEVB2 PJ #: Permit date(s): 06/14/10 OCD Appr. date(s): 05/02/16 Tank ID: OVM = Organic Vapor Meter ppm = parts per million B BGT Sidewalls Visible: <u>(Y)</u> / N BGT Sidewalls Visible: Y / N BGT Sidewalls Visible: Y / N Magnetic declination: 10° E			
NOTES: GOOGLE EARTH IMAGERY DATE: 3/15/2015.		ONSITE: 02/07/18			

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1802448

Date Reported: 2/9/2018

CLIENT: Blagg Engineering

Project: FIELDS A #22

Lab ID: 1802448-002

Matrix: SOIL

Client Sample ID: 5PC-TB @ 6' (21)-B

Collection Date: 2/7/2018 12:30:00 PM

Received Date: 2/8/2018 7:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	2/8/2018 10:32:59 AM	36420
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	65	9.6		mg/Kg	1	2/8/2018 10:24:47 AM	36418
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/8/2018 10:24:47 AM	36418
Surr: DNOP	97.9	70-130		%Rec	1	2/8/2018 10:24:47 AM	36418
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	2/8/2018 10:27:18 AM	36410
Surr: BFB	100	15-316		%Rec	1	2/8/2018 10:27:18 AM	36410
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.020		mg/Kg	1	2/8/2018 10:27:18 AM	36410
Toluene	ND	0.041		mg/Kg	1	2/8/2018 10:27:18 AM	36410
Ethylbenzene	ND	0.041		mg/Kg	1	2/8/2018 10:27:18 AM	36410
Xylenes, Total	ND	0.081		mg/Kg	1	2/8/2018 10:27:18 AM	36410
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	2/8/2018 10:27:18 AM	36410

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
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Chain-of-Custody Record

Client: **BLAGG ENGR. / BP AMERICA**

Mailing Address: **P.O. BOX 87**

BLOOMFIELD, NM 87413

Phone #: **(505) 632-1199**

Email or Fax#:

QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)

Accreditation:

☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard

☒ Rush

SAME DAY

Project Name:

FIELDS A # 22

Project #:

Project Manager

ERIN GARIFALOS

Sampler:

NELSON VELEZ

On Ice:

☒ Yes

☐ No

97V

Sample Temperature: **2.4-4.1-14.1**

Container Type and #

Preservative Type

HEAL No.

4 oz. - 1

Cool

1802448

Date: **2/7/18** Time: **12:30** Matrix: **SOIL** Sample Request ID: **SPC-TB @ 6' (21) - 8**

4 oz. - 1

Cool

202

V

V

V

V

V

V

V

V

BTEX + MTBE + TMS (8021B)
BTEX + MTBE + TPH (Gas only)
TPH 8015B (GRO / DRO / MRO)
TPH (Method 418.1)
EDB (Method 504.1)
PAH (8310 or 8270SIMS)
RCRA 8 Metals
Anions (F, Cl, NO₃, NO₂, PO₄, SO₄)
8081 Pesticides / 8082 PCB's
8260B (VOA)
8270 (Semi-VOA)
Chloride (soil - 300.0 / water - 300.1)
Grab sample
5 pt. composite sample

Date: **2/7/18** Time: **13:26** Relinquished by: **Officer**

Received by:

Date: **2/7/18** Time: **13:26**

Remarks: **BILL DIRECTLY TO BP USING THE CONTACT WITH CORRESPONDING**

CONTACT: **ERIN GARIFALOS / VANCE HIXON**

Reference # **P-925**



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request:

SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1802448
09-Feb-18

Client: Blagg Engineering
Project: FIELDS A #22

Sample ID	MB-36420	SampType:	mbk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	36420	RunNo:	48990					
Prep Date:	2/8/2018	Analysis Date:	2/8/2018	SeqNo:	1577567	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-36420	SampType:	ics	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	36420	RunNo:	48990					
Prep Date:	2/8/2018	Analysis Date:	2/8/2018	SeqNo:	1577568	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.0	90	110			

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 |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

SUMMARY REPORT **Hall Environmental Analysis Laboratory, Inc.**

WO#: 1802448
09-Feb-18

Client: Blagg Engineering
Project: FIELDS A #22

Sample ID	LCS-36418		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 36418		RunNo: 48976					
Prep Date:	2/8/2018		Analysis Date: 2/8/2018		SeqNo: 1576376		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.8	70	130			
Surr: DNOP	4.5		5.000		90.0	70	130			

Sample ID	MB-36418	SampType:	MBLK		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	PBS	Batch ID:	36418		RunNo:	48976				
Prep Date:	2/8/2018	Analysis Date:	2/8/2018		SeqNo:	1576377	Units:	mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		93.5	70	130			

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 |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1802448
09-Feb-18

Client: Blagg Engineering
Project: FIELDS A #22

Sample ID	MB-36410	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	36410	RunNo:	48994					
Prep Date:	2/7/2018	Analysis Date:	2/8/2018	SeqNo:	1577142	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	1000		1000		101	15	316			

Sample ID	LCS-36410	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	36410	RunNo:	48994					
Prep Date:	2/7/2018	Analysis Date:	2/8/2018	SeqNo:	1577143	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.3	75.9	131			
Surr: BFB	1100		1000		109	15	316			

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 |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1802448
09-Feb-18

Client: Blagg Engineering
Project: FIELDS A #22

Sample ID	MB-36410	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	36410	RunNo:	48994					
Prep Date:	2/7/2018	Analysis Date:	2/8/2018	SeqNo:	1577172	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID	LCS-36410	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	36410	RunNo:	48994					
Prep Date:	2/7/2018	Analysis Date:	2/8/2018	SeqNo:	1577173	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	77.3	128			
Toluene	1.0	0.050	1.000	0	101	79.2	125			
Ethylbenzene	0.99	0.050	1.000	0	99.5	80.7	127			
Xylenes, Total	3.1	0.10	3.000	0	102	81.6	129			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	80	120			

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 |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: BLAGG

Work Order Number: 1802448

RcptNo: 1

Received By: Anne Thorne

2/8/2018 7:05:00 AM

Anne Thorne

Completed By: Anne Thorne

2/8/2018 7:24:43 AM

Anne Thorne

Reviewed By: NB 2/8/18

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐ # of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐ Adjusted? _____
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐ Checked by: _____

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks: _____

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

