

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	Contact Erin Garifalos
Address: 200 Energy Court, Farmington, NM 87401	Telephone No. (832) 609-7048
Facility Name NEBU 006	Facility Type: Natural Gas Well
Surface Owner: Federal	Mineral Owner: Federal
API No.: 3003907770	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	29	30N	07W	1,790	North	1,160	East	San Juan

Latitude 36.785914 Longitude -107.589373 NAD83

NATURE OF RELEASE

Type of Release: none	Volume of Release: unknown	Volume Recovered: N/A
Source of Release: below grade tank - 25 bbl	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input 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 type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV. DIST. 3
NOV 16 2017

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 TPH, BTEX and chlorides with all but TPH below BGT closure standards. Following the spill and release guidelines, the site is ranked with a closure standard of 5,000 ppm TPH requiring no further action. Further, confirmation sampling during BGT removal indicates BGT closure. Field reports and laboratory results are attached.

Describe Area Affected and Cleanup Action Taken.*
No action necessary. Final laboratory analysis determined no remedial action is required.

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>	<u>OIL CONSERVATION DIVISION</u>	
	Approved by Environmental Specialist: <i>[Signature]</i>	
Printed Name: Erin Garifalos	Approval Date: 11/27/17	Expiration Date:
Title: Field Environmental Coordinator	Conditions of Approval: <i>—</i>	
E-mail Address: erin.garifalos@bp.com	Attached <input type="checkbox"/>	
Date: November 13, 2017 Phone: (832) 609-7048		

* Attach Additional Sheets If Necessary

NVE 1733134875

CLIENT: BP	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	API #: 3003907770 TANK ID (if applicable): A
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FIELD REPORT: (circle one): BGT CONFIRMATION / RELEASE INVESTIGATION / OTHER: _____

PAGE #: **1** of **1**

SITE INFORMATION:	SITE NAME: NEBU # 6	DATE STARTED: 09/14/17
QUAD/UNIT: H SEC: 29 TWP: 30N RNG: 7W PM: NM CNTY: RA ST: NM		DATE FINISHED: _____
1/4 -1/4/FOOTAGE: 1,790'N / 1,160'E SE/NE	LEASE TYPE: <u>FEDERAL</u> / STATE / FEE / INDIAN	ENVIRONMENTAL SPECIALIST(S): NJV
LEASE #: SF079060	PROD. FORMATION: MV	CONTRACTOR: BP - J. GONZALES

REFERENCE POINT:	WELL HEAD (W.H.) GPS COORD.: 36.786233 X 107.589270	GL ELEV.: 6,340'
1) 25 BGT (DW/DB)	GPS COORD.: 36.785914 X 107.589373	DISTANCE/BEARING FROM WH.: 116.5', S5W
2) _____	GPS COORD.: _____	DISTANCE/BEARING FROM WH.: _____
3) _____	GPS COORD.: _____	DISTANCE/BEARING FROM WH.: _____
4) _____	GPS COORD.: _____	DISTANCE/BEARING FROM WH.: _____

SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR LAB USED: HALL	OVM READING (ppm) 6,256
1) SAMPLE ID: 1 @ 3.5' (25) - NW Sidewall	SAMPLE DATE: 09/14/17 SAMPLE TIME: 1130	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 SILTY SAND / SILT SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)

SOIL COLOR: **DARK YELLOWISH BROWN**

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

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

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

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

HC ODOR DETECTED: YES / NO EXPLANATION - **PHYSICALLY - VERY POTENT FROM DISCOLORED SOILS/BEDROCK ONLY.**

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

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. **NA**

ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION - **SOURCE UNDETERMINED**

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - **VARYING SHADES OF GRAY TO BLACK**

SITE OBSERVATIONS: LOST INTEGRITY OF EQUIPMENT: YES / NO EXPLANATION - **UNKNOWN; NOT CONFIRMED**

APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: YES / NO EXPLANATION: **DISCOLORATION & STRONG PHYSICAL HYDROCARBON ODOR.**

EQUIPMENT SET OVER RECLAIMED AREA: YES / NO EXPLANATION - **105 BBL SHALLOW LOW PROFILE ABOVE-GRADE TANK TO BE SET ATOP BGT LOCATION.**

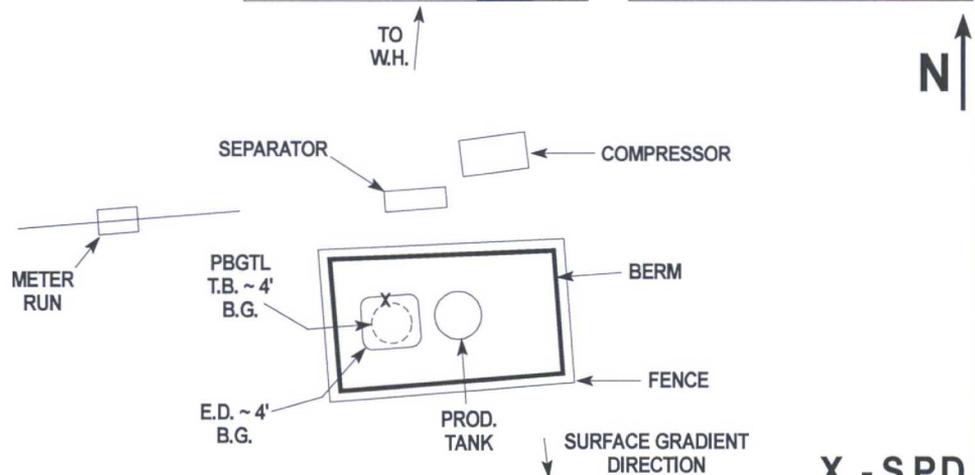
OTHER: **NMOCB OR BLM NOT PRESENT TO WITNESS CONFIRMATION SAMPLING. BGT WAS OBSERVED TILTED UPON ARRIVAL (LOWEST SIDE ON NORTHERN HALF). MOST OF EXCAVATION CONSIST OF BEDROCK - COMPETENT, WELL CEMENTED.**

EXCAVATION DIMENSION ESTIMATION: **NA** ft. X **NA** ft. X **NA** ft. EXCAVATION ESTIMATION (Cubic Yards): **NA**

DEPTH TO GROUNDWATER: **>100'** NEAREST WATER SOURCE: **>1,000'** NEAREST SURFACE WATER: **<1,000'** NMOCB TPH CLOSURE STD: **1,000** ppm

SITE SKETCH BGT Located : off / on site PLOT PLAN circle: attached

OVM CALIB. READ. = **100.0** ppm RF=1.00
OVM CALIB. GAS = **100** ppm
TIME: **11:40** (am/pm) DATE: **09/14/17**



MISCELL. NOTES

WO: _____

REF #: **P-896**

VID: **VHIXONEVRM**

PJ #: _____

Permit date(s): **09/12/08**

OCD Appr. date(s): **10/20/09**

Tank ID	OVM = Organic Vapor Meter ppm = parts per million	
A	BGT Sidewalls Visible: Y / <u>(N)</u>	
	BGT Sidewalls Visible: Y / N	
	BGT Sidewalls Visible: Y / N	

Magnetic declination: **10° E**

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.

NOTES: **GOOGLE EARTH IMAGERY DATE: 10/5/2016.** ONSITE: **09/14/17**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
 Project: NEBU #6
 Lab ID: 1709818-001

Matrix: SOIL

Client Sample ID: 1 @ 3.5' (25) NW SIDEWALL
 Collection Date: 9/14/2017 11:30:00 AM
 Received Date: 9/15/2017 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	30		mg/Kg	20	9/15/2017 10:49:52 AM	33887
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	200	9.9		mg/Kg	1	9/15/2017 11:05:32 AM	33883
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/15/2017 11:05:32 AM	33883
Surr: DNOP	89.4	70-130		%Rec	1	9/15/2017 11:05:32 AM	33883
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	430	19		mg/Kg	5	9/15/2017 9:36:25 AM	33871
Surr: BFB	558	54-150	S	%Rec	5	9/15/2017 9:36:25 AM	33871
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.094		mg/Kg	5	9/15/2017 9:36:25 AM	33871
Toluene	ND	0.19		mg/Kg	5	9/15/2017 9:36:25 AM	33871
Ethylbenzene	ND	0.19		mg/Kg	5	9/15/2017 9:36:25 AM	33871
Xylenes, Total	8.7	0.38		mg/Kg	5	9/15/2017 9:36:25 AM	33871
Surr: 4-Bromofluorobenzene	126	66.6-132		%Rec	5	9/15/2017 9:36:25 AM	33871

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709818

18-Sep-17

Client: Blagg Engineering

Project: NEBU #6

Sample ID	MB-33887	SampType:	mblk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	33887	RunNo:	45653					
Prep Date:	9/15/2017	Analysis Date:	9/15/2017	SeqNo:	1450188	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-33887	SampType:	lcs	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	33887	RunNo:	45653					
Prep Date:	9/15/2017	Analysis Date:	9/15/2017	SeqNo:	1450189	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.5	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 |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709818

18-Sep-17

Client: Blagg Engineering

Project: NEBU #6

Sample ID	LCS-33883	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	33883	RunNo:	45642					
Prep Date:	9/15/2017	Analysis Date:	9/15/2017	SeqNo:	1448860	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.7	73.2	114			
Surr: DNOP	3.8		5.000		75.5	70	130			

Sample ID	MB-33883	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	33883	RunNo:	45642					
Prep Date:	9/15/2017	Analysis Date:	9/15/2017	SeqNo:	1448861	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	7.6		10.00		76.2	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
- PQL Practical Quantitative Limit
- 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
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709818

18-Sep-17

Client: Blagg Engineering
Project: NEBU #6

Sample ID	MB-33871	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	33871	RunNo:	45651					
Prep Date:	9/14/2017	Analysis Date:	9/15/2017	SeqNo:	1449668	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	1100		1000		105	54	150			

Sample ID	LCS-33871	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	33871	RunNo:	45651					
Prep Date:	9/14/2017	Analysis Date:	9/15/2017	SeqNo:	1449669	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	114	76.4	125			
Surr: BFB	1100		1000		114	54	150			

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
- PQL Practical Quantitative Limit
- 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
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1709818

18-Sep-17

Client: Blagg Engineering
Project: NEBU #6

Sample ID MB-33871	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 33871		RunNo: 45651							
Prep Date: 9/14/2017	Analysis Date: 9/15/2017		SeqNo: 1449704				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	1.2		1.000		117	66.6	132			

Sample ID LCS-33871	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 33871		RunNo: 45651							
Prep Date: 9/14/2017	Analysis Date: 9/15/2017		SeqNo: 1449705				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	114	80	120			
Toluene	1.1	0.050	1.000	0	111	80	120			
Ethylbenzene	1.1	0.050	1.000	0	114	80	120			
Xylenes, Total	3.5	0.10	3.000	0	116	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		118	66.6	132			

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
- PQL Practical Quantitative Limit
- 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
- 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: **1709818**

RcptNo: **1**

Received By: **Anne Thorne**

9/15/2017 7:30:00 AM

Anne Thorne

Completed By: **Anne Thorne**

9/15/2017 7:52:26 AM

Anne Thorne

Reviewed By: **ENH**

9/15/17

Chain of Custody

1. Custody seals intact on sample bottles? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Courier

Log In

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

# of preserved bottles checked for pH:	_____
(<2 or >12 unless noted)	
Adjusted?	_____
Checked by:	_____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good	Yes			