

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: Jeff Peace
Address: 200 Energy Court, Farmington, NM 87401	Telephone No.: 505-326-9479
Facility Name: GCU 85	Facility Type: Natural gas well
Surface Owner: Tribal	Mineral Owner: Tribal
API No. 3004513075	

LOCATION OF RELEASE

Unit Letter A	Section 19	Township 28N	Range 12W	Feet from the 990	North/South Line North	Feet from the 990	East/West Line East	County: San Juan
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Latitude 36.65227 Longitude 108.14745

NATURE OF RELEASE

Type of Release: condensate/oil	Volume of Release: unknown	Volume Recovered: none
Source of Release: flow line from separator to condensate tank	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: May 4, 2015; 11:55 AM
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.	

OIL CONS. DIV DIST. 3

MAY 11 2015

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* During construction operations to replace the flow line from the separator to the condensate tank impacts to soil were found. Lab analyses of soil samples taken during the initial investigation showed TPH of 1,410 ppm and 2,610 ppm by Method 8015D. The clean-up standard for this site is 1,000 ppm TPH. Analyses results are attached.

Describe Area Affected and Cleanup Action Taken.* Impacted soil will be excavated and removed and transported to a landfarm for treatment. Shallow sandstone bedrock is beneath the surface.

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: Jeff Peace	Approved by Environmental Specialist: 	
Title: Field Environmental Coordinator	Approval Date: <u>5/12/15</u>	Expiration Date:
E-mail Address: peace.jeffrey@bp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: May 8, 2015	Phone: 505-326-9479	

* Attach Additional Sheets If Necessary

#NCS 15 125 49954

Analytical Report

Lab Order 1505210

Date Reported: 5/7/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Project: GCU #85

Lab ID: 1505210-001

Matrix: SOIL

Client Sample ID: 2 PC-EB @ 15' (2)

Collection Date: 5/5/2015 10:58:00 AM

Received Date: 5/6/2015 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	510	10		mg/Kg	1	5/6/2015 10:38:20 AM	19079
Surr: DNOP	105	57.9-140		%REC	1	5/6/2015 10:38:20 AM	19079
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	910	84		mg/Kg	20	5/6/2015 11:16:35 AM	R25998
Surr: BFB	304	80-120	S	%REC	20	5/6/2015 11:16:35 AM	R25998
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	0.98	0.42		mg/Kg	20	5/6/2015 11:16:35 AM	R25998
Toluene	1.3	0.84		mg/Kg	20	5/6/2015 11:16:35 AM	R25998
Ethylbenzene	8.7	0.84		mg/Kg	20	5/6/2015 11:16:35 AM	R25998
Xylenes, Total	72	1.7		mg/Kg	20	5/6/2015 11:16:35 AM	R25998
Surr: 4-Bromofluorobenzene	132	80-120	S	%REC	20	5/6/2015 11:16:35 AM	R25998
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	170	30		mg/Kg	20	5/6/2015 10:43:33 AM	19085

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report

Lab Order 1505210

Date Reported: 5/7/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Project: GCU #85

Lab ID: 1505210-002

Matrix: SOIL

Client Sample ID: 3 PC-SW (WEST) @ 7'-8'

Collection Date: 5/5/2015 11:15:00 AM

Received Date: 5/6/2015 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	810	10		mg/Kg	1	5/6/2015 11:04:52 AM	19079
Surr: DNOP	102	57.9-140		%REC	1	5/6/2015 11:04:52 AM	19079
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	1800	210		mg/Kg	50	5/6/2015 11:45:21 AM	R25998
Surr: BFB	265	80-120	S	%REC	50	5/6/2015 11:45:21 AM	R25998
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	1.7	1.1		mg/Kg	50	5/6/2015 11:45:21 AM	R25998
Toluene	8.5	2.1		mg/Kg	50	5/6/2015 11:45:21 AM	R25998
Ethylbenzene	18	2.1		mg/Kg	50	5/6/2015 11:45:21 AM	R25998
Xylenes, Total	140	4.2		mg/Kg	50	5/6/2015 11:45:21 AM	R25998
Surr: 4-Bromofluorobenzene	128	80-120	S	%REC	50	5/6/2015 11:45:21 AM	R25998
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	100	30		mg/Kg	20	5/6/2015 10:55:58 AM	19085

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1505210

07-May-15

Client: Blagg Engineering

Project: GCU #85

Sample ID	MB-19085	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	19085	RunNo:	26026					
Prep Date:	5/6/2015	Analysis Date:	5/6/2015	SeqNo:	771552	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-19085	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	19085	RunNo:	26026					
Prep Date:	5/6/2015	Analysis Date:	5/6/2015	SeqNo:	771553	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.1	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1505210

07-May-15

Client: Blagg Engineering

Project: GCU #85

Sample ID	MB-19079	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	19079	RunNo:	25992					
Prep Date:	5/6/2015	Analysis Date:	5/6/2015	SeqNo:	770588	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	10		10.00		99.7	57.9	140			

Sample ID	LCS-19079	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	19079	RunNo:	25992					
Prep Date:	5/6/2015	Analysis Date:	5/6/2015	SeqNo:	770589	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.9	67.8	130			
Surr: DNOP	5.0		5.000		99.9	57.9	140			

Qualifiers:

- | | |
|---|--|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| 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 |
| O RSD is greater than RSDlimit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S Spike Recovery outside accepted recovery limits | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1505210

07-May-15

Client: Blagg Engineering

Project: GCU #85

Sample ID: 5ML RB	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: R25998	RunNo: 25998								
Prep Date:	Analysis Date: 5/6/2015	SeqNo: 771159		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	900		1000		89.6	80	120			

Sample ID: 2.5UG GRO LCS	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: R25998	RunNo: 25998								
Prep Date:	Analysis Date: 5/6/2015	SeqNo: 771160		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.3	64	130			
Surr: BFB	990		1000		98.8	80	120			

Qualifiers:

- | | |
|---|--|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| 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 |
| O RSD is greater than RSDlimit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S Spike Recovery outside accepted recovery limits | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1505210

07-May-15

Client: Blagg Engineering

Project: GCU #85

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	R25998	RunNo:	25998					
Prep Date:		Analysis Date:	5/6/2015	SeqNo:	771207	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		99.8	80	120			

Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	R25998	RunNo:	25998					
Prep Date:		Analysis Date:	5/6/2015	SeqNo:	771210	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	109	76.6	128			
Toluene	1.1	0.050	1.000	0	111	75	124			
Ethylbenzene	1.1	0.050	1.000	0	113	79.5	126			
Xylenes, Total	3.3	0.10	3.000	0	111	78.8	124			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Qualifiers:

- | | |
|---|--|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| 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 |
| O RSD is greater than RSDlimit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S Spike Recovery outside accepted recovery limits | |

Sample Log-In Check List

Client Name: **BLAGG**

Work Order Number: **1505210**

ReptNo: **1**

Received by/date: AT 05/06/15

Logged By: **Anne Thorne** 5/6/2015 7:40:00 AM *Anne Thorne*

Completed By: **Anne Thorne** 5/6/2015 *Anne Thorne*

Reviewed By: *JA* 05/06/15

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? Yes No
(Note discrepancies on chain of custody)
- 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? Yes No
(If no, notify customer for authorization.)

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: eMail Phone Fax 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	1.7	Good	Yes			

Chain-of-Custody Record

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

Turn-Around Time: **SAME DAY**
 Standard Rush

Mailing Address: **P.O. BOX 87
 BLOOMFIELD, NM 87413**

Project Name: **GCU # 85**

Phone #: **(505) 632-1199**
 email or Fax#:

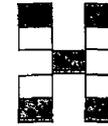
Project #:

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

Project Manager: **JEFF BLAGG**

Accreditation:
 NELAP Other
 EDD (Type)

Sampler: **7W**
 On Ice: Yes No
 Sample Temperature: **1/7**



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No	BTEX (8021B)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / TPH)	TPH (Method 418.1)	EDB (Method 504.1)	PAH (8310 or 8270SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	Total Dissolved Solids	Iron, Ferrous (filtered)	Nitrate N / Nitrite N	CHLORIDE (300.05)	Grab sample	pt. composite sample	
5/5/15	1058	SOIL	2PC-EB @ 15' (2)	4oz. - 1	COOL	-CO1	✓		✓										✓		2
5/5/15	1115	SOIL	3PC-SW (WEST) @ 7'-8'	4oz. - 1	COOL	-CO2	✓		✓										✓		3

Date: 5/5/15 Time: 1500 Relinquished by: *[Signature]*

Received by: *[Signature]* Date: 5/5/15 Time: 1300

Remarks: **BILL DIRECTLY TO BP:**
 Jeff Peace, 200 Energy Court, Farmington, NM 87401

Date: 5/5/15 Time: 1700 Relinquished by: *[Signature]*

Received by: *[Signature]* Date: 5/5/15 Time: 1740

Paykey: ZEVH01REME