

District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Avenue, 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 October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

API # 30-045-24135

OPERATOR

☒ Initial Report

☒ Final Report

Name of Company	BP America Production Company	Contact	Larry Schlotterback
Address	200 Energy Ct.	Telephone No.	(505)326-9200
Facility Name	Cornell B #1E	Facility Type	Gas Well

Surface Owner	Fed - BLM	Mineral Owner		Lease No.	NM-073695
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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
B	14	29N	12W	1120	North	1570	East	San Juan

Latitude 36.73044 Longitude 108.06437

NATURE OF RELEASE

Type of Release	Condensate	Volume of Release	< 10 BBL	Volume Recovered	None
Source of Release	Pin hole leak in production stock tank	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	June 12, 2008 @ 2:00 pm
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	To Brandon Powell, NMOCD Aztec		
By Whom?	Jeff Blagg, Blagg Engineering Inc.	Date and Hour	June 13, 2008 @ 10:02 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	None		

RCVD JUL 11 '08

If a Watercourse was Impacted, Describe Fully.*

No Impacts to watercourse.

OIL CONS. DIV.
DIST. 3

Describe Cause of Problem and Remedial Action Taken.*

Pin hole leak in 300 bbl production stock tank near the base, likely very slow release over long time period. Excavated all impacted soils and transported to BP Crouch Mesa Landfarm in San Juan County.

Describe Area Affected and Cleanup Action Taken.*

Small area below stock tank affected. Excavated an area of approximately 32' x 16' x 9' ±, or about 170 cubic yards, which resulted in removal of all known impacts

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.

OIL CONSERVATION DIVISION

Signature:

Jeffrey C. Blagg

Printed Name: Jeffrey C Blagg

Approved by District Supervisor:

Bob Bell For: Charlie Perrin

Title: Agent, NMPE 11607

Approval Date: 7/11/08

Expiration Date:

E-mail Address: jeffcblagg@aol.com

Conditions of Approval.

Attached ☐


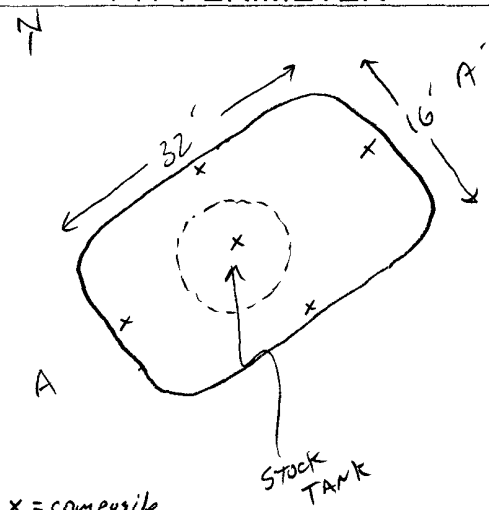
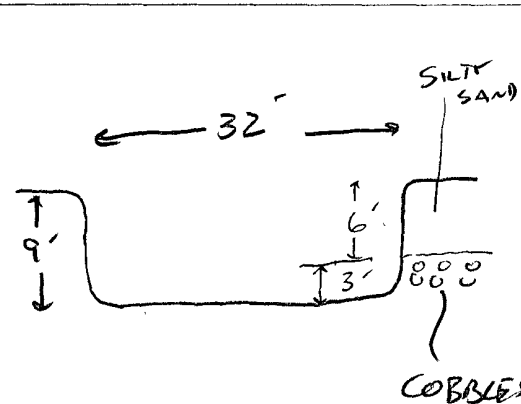
Date July 10, 2008

Phone: 505-632-1199

* Attach Additional Sheets If Necessary

Incident # nrm 0928148046

30-045-24135

CLIENT <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO. _____ COCR NO. <u>4575</u>																																																																																																																																		
FIELD REPORT: SPILL CLOSURE VERIFICATION		PAGE No <u>1</u> of <u>1</u>																																																																																																																																		
LOCATION. NAME <u>CORNELL B</u> WELL #: <u>1E</u> TYPE: <u>TANK LEAK</u> QUAD/UNIT <u>N</u> SEC: <u>10</u> TWP: <u>29N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST. <u>NM</u> QTR/FOOTAGE: <u>1120 N x 1570 E</u> CONTRACTOR: <u>KEYSTONE</u>		DATE STARTED <u>6-12-08</u> DATE FINISHED <u>6-13-08</u> ENVIRONMENTAL SPECIALIST <u>JCB</u>																																																																																																																																		
EXCAVATION APPROX. <u>32</u> FT. x <u>16</u> FT. x <u>9</u> FT. DEEP. CUBIC YARDAGE: <u>170±</u> DISPOSAL FACILITY: <u>BP CROUCH MESA</u> REMEDIATION METHOD: <u>EXCAVATE</u> LAND USE: <u>RANGE- BLM</u> LEASE: <u>NM 073695</u> FORMATION: <u>DK</u>																																																																																																																																				
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>171</u> FT. <u>S75W</u> FROM WELLHEAD DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>100</u> NEAREST SURFACE WATER: <u>>1000</u> NMOC D RANKING SCORE <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM																																																																																																																																				
SOIL AND EXCAVATION DESCRIPTION: <u>0'-6'</u> SOIL TYPE SAND / <u>SILTY SAND</u> / SILT / SILTY CLAY / CLAY / GRAVEL / <u>OTHER</u> <u>COBBLES 6'-9'</u> SOIL COLOR _____ 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 / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED. YES / <u>NO</u> EXPLANATION - _____ HC ODOR DETECTED <u>YES</u> / NO EXPLANATION - <u>IN EXCAVATED SOILS</u> SAMPLE TYPE GRAB / <u>COMPOSITE</u> # OF PTS. <u>5</u> ADDITIONAL COMMENTS: _____																																																																																																																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>SCALE</p>  <p>0 FT</p> </div> <div style="width: 65%;"> <p style="text-align: center;">FIELD 418.1 CALCULATIONS</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;"> <p style="text-align: center;">PIT PERIMETER</p>  <p>X = composite PD = PIT DEPRESSION, B.G. = BELOW GRADE TH = TEST HOLE</p> </div> <div style="width: 35%;"> <p style="text-align: center;">OVM READING</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @</td><td> </td></tr> <tr><td>2 @</td><td> </td></tr> <tr><td>3 @</td><td> </td></tr> <tr><td>4 @</td><td> </td></tr> <tr><td>5 @</td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> <p style="text-align: center;">LAB SAMPLES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr><td>S-P 6</td><td>TPH</td><td>1030</td></tr> <tr><td>C 9'</td><td>DTX</td><td> </td></tr> <tr><td> </td><td>CL</td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> <div style="width: 30%;"> <p style="text-align: center;">PIT PROFILE</p>  </div> </div>			SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																																																									SAMPLE ID	FIELD HEADSPACE (ppm)	1 @		2 @		3 @		4 @		5 @																SAMPLE ID	ANALYSIS	TIME	S-P 6	TPH	1030	C 9'	DTX			CL													
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4575

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons


Client:	Blagg/BP	Project #:	94034-010
Sample ID:	Tank Release 5-pt @ 9'	Date Reported:	06-19-08
Laboratory Number:	45882	Date Sampled:	06-13-08
Chain of Custody No:	4575	Date Received:	06-13-08
Sample Matrix:	Soil	Date Extracted:	06-16-08
Preservative:	Cool	Date Analyzed:	06-18-08
Condition:	Intact	Analysis Requested:	8015 TPH

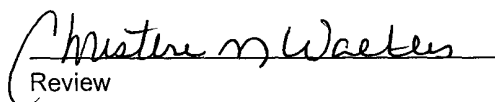
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Cornell B #1E**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-18-08 QA/QC	Date Reported:	06-19-08
Laboratory Number:	45880	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-18-08
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	1.0125E+003	1.0129E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0130E+003	1.0134E+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

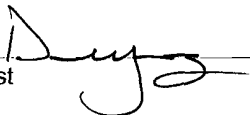
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	132	131	0.7%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	252	101%	75 - 125%
Diesel Range C10 - C28	132	250	391	102%	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 45880, 45882 - 45884, 45916 - 45918, 45920, and 45936.

Analyst 

Review 

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg/BP	Project #:	94034-010
Sample ID:	Tank Release 5-pt @ 9'	Date Reported:	06-19-08
Laboratory Number:	45882	Date Sampled:	06-13-08
Chain of Custody:	4575	Date Received:	06-13-08
Sample Matrix:	Soil	Date Analyzed:	06-18-08
Preservative:	Cool	Date Extracted:	06-16-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	3.1	0.9
Toluene	2.1	1.0
Ethylbenzene	1.8	1.0
p,m-Xylene	6.8	1.2
o-Xylene	3.5	0.9
Total BTEX	17.3	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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: Cornell B #1E

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-18-BT QA/QC	Date Reported:	06-19-08
Laboratory Number:	45882	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-18-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	2.2924E+007	2.2970E+007	0.2%	ND	0.1
Toluene	1.9617E+007	1.9656E+007	0.2%	ND	0.1
Ethylbenzene	1.4334E+007	1.4363E+007	0.2%	ND	0.1
p,m-Xylene	3.1725E+007	3.1788E+007	0.2%	ND	0.1
o-Xylene	1.3471E+007	1.3498E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	3.1	3.0	3.2%	0 - 30%	0.9
Toluene	2.1	1.9	9.5%	0 - 30%	1.0
Ethylbenzene	1.8	1.7	5.6%	0 - 30%	1.0
p,m-Xylene	6.8	6.9	1.5%	0 - 30%	1.2
o-Xylene	3.5	3.4	2.9%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	3.1	50.0	53.0	99.8%	39 - 150
Toluene	2.1	50.0	51.7	99.2%	46 - 148
Ethylbenzene	1.8	50.0	51.6	99.6%	32 - 160
p,m-Xylene	6.8	100	102	95.3%	46 - 148
o-Xylene	3.5	50.0	53.2	99.4%	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 45882 - 45884, 45916 - 45918, 45920, and 45936.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	Tank Release 5-pt @ 9'	Date Reported:	06-19-08
Lab ID#:	45882	Date Sampled:	06-13-08
Sample Matrix:	Soil	Date Received:	06-13-08
Preservative:	Cool	Date Analyzed:	06-17-08
Condition:	Intact	Chain of Custody:	4575

Parameter	Concentration (mg/Kg)
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Total Chloride

45.0

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Cornell B #1E.

Analyst



Review

