

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  
20 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-144  
March 12, 2004  
For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

RCVD MAR6'07  
OIL CONS. DIV.

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒ DIST. 3

Operator: <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505) 326-9200</u>							
Address: <u>200 Energy Court, Farmington, NM 87410</u>							
Facility or well name: <u>DAY A LS #12</u>	API #: <u>30-045-20812</u> U.L. or Qtr Qtr <u>A</u> Sec <u>18</u> T <u>29N</u> R <u>8W</u>						
County: <u>San Juan</u> Latitude <u>36.72879</u> Longitude <u>107.70957</u>	NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>						
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> SEPARATOR Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u>    </u> mil Clay <input type="checkbox"/> Volume <u>    </u> bbl	<b>Below-grade tank</b> Volume: <u>    </u> bbl Type of fluid: <u>    </u> Construction material: <u>N/A</u> Double-walled with leak detection? <input checked="" type="checkbox"/> If not, explain why not.						
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	<table border="1"><tr><td>Less than 50 feet</td><td>(20 points)</td></tr><tr><td>50 feet or more, but less than 100 feet</td><td>(10 points) 0</td></tr><tr><td>100 feet or more</td><td>( 0 points)</td></tr></table>	Less than 50 feet	(20 points)	50 feet or more, but less than 100 feet	(10 points) 0	100 feet or more	( 0 points)
Less than 50 feet	(20 points)						
50 feet or more, but less than 100 feet	(10 points) 0						
100 feet or more	( 0 points)						
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	<table border="1"><tr><td>Yes</td><td>(20 points)</td></tr><tr><td>No</td><td>( 0 points) 0</td></tr></table>	Yes	(20 points)	No	( 0 points) 0		
Yes	(20 points)						
No	( 0 points) 0						
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	<table border="1"><tr><td>Less than 200 feet</td><td>(20 points)</td></tr><tr><td>200 feet or more, but less than 1000 feet</td><td>(10 points) 0</td></tr><tr><td>1000 feet or more</td><td>( 0 points)</td></tr></table>	Less than 200 feet	(20 points)	200 feet or more, but less than 1000 feet	(10 points) 0	1000 feet or more	( 0 points)
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200 feet or more, but less than 1000 feet	(10 points) 0						
1000 feet or more	( 0 points)						
Ranking Score (Total Points) 0							

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite ☒ offsite ☐ If offsite, name of facility      (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface      ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.

Date: 05/03/04

Printed Name Title Jeff Blagg - P.E. # 11607

Signature Jeff Blagg

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.


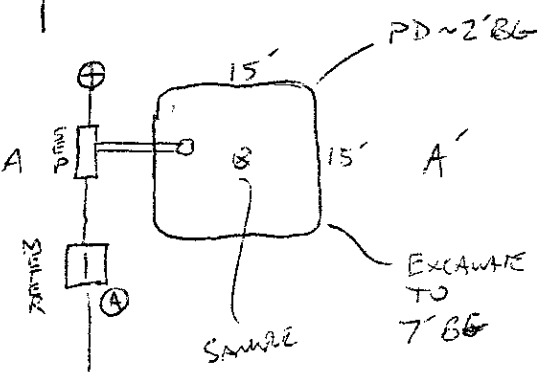
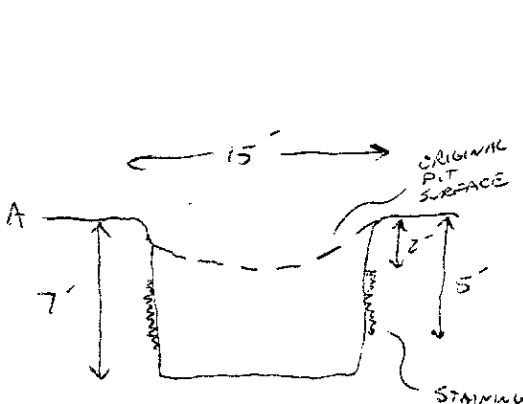
Approval: MAR 06 2007

Date:     

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Signature Brad Bell

3004520812

CLIENT: <u>BP</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	LOCATION NO: <u>81370</u> COCR NO: <u>12061</u>																																																																			
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																																																																			
LOCATION: NAME: <u>DAY A LS</u> WELL #: <u>12</u> TYPE: <u>SEP</u> QUAD/UNIT: <u>A</u> SEC: <u>18</u> TWP: <u>29N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1190N/800E</u> NE/NE CONTRACTOR: <u>HD (Joaquin)</u>		DATE STARTED: <u>4-29-04</u> DATE FINISHED: <u>4-29-04</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>																																																																			
EXCAVATION APPROX. <u>15</u> FT. x <u>15</u> FT. x <u>7</u> FT. DEEP. CUBIC YARDAGE: <u>40</u>																																																																					
DISPOSAL FACILITY: <u>ONSITE</u> REMEDIATION METHOD: <u>LF</u>																																																																					
LAND USE: <u>RANGE-BLM</u> LEASE: <u>SF 078414</u> FORMATION: <u>PC</u>																																																																					
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>18</u> FT. <u>S 35° E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>&gt;100</u> NEAREST WATER SOURCE: <u>&gt;1000</u> NEAREST SURFACE WATER: <u>&gt;1000</u> NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM																																																																					
SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>GRAY</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / 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: <u>YES</u> / NO EXPLANATION: <u>Staining 2'-5'</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION: <u>MODEXTR</u> SAMPLE TYPE: <u>GRAB/COMPOSITE</u> - # OF PTS. _____ ADDITIONAL COMMENTS: <u>EARTHEN PIT 15' x 15' x 7' DEEP. EXCAVATE TO 7' BG. Staining</u> <u>FROM 2'-5', NO STAINING FROM 5'-7'</u>		OVM CALIB. READ. = <u>53.3</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>1125</u> am/pm DATE: <u>4-29-04</u>																																																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>SCALE</p>  <p>0 1 FT</p> </div> <div style="width: 65%;"> <p style="text-align: center;"><b>FIELD 418.1 CALCULATIONS</b></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> </tbody> </table> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;"> <p style="text-align: center;"><b>PIT PERIMETER</b></p>  </div> <div style="width: 35%;"> <p style="text-align: center;"><b>OVM READING</b></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 @ 7'</td><td>162</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> </tbody> </table> </div> <div style="width: 30%;"> <p style="text-align: center;"><b>PIT PROFILE</b></p>  </div> </div> <div style="margin-top: 10px;"> <p style="text-align: center;"><b>LAB SAMPLES</b></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>1 @ 7'</td><td>TPH</td><td>1307</td></tr> <tr><td> </td><td>BTEX</td><td> </td></tr> <tr><td> </td><td>CL</td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> </div>			SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																	SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 7'	162	2 @		3 @		4 @		5 @		SAMPLE ID	ANALYSIS	TIME	1 @ 7'	TPH	1307		BTEX			CL				
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# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

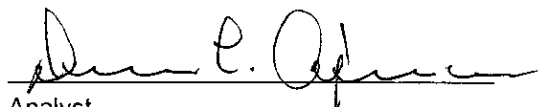
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	05-03-04
Laboratory Number:	28541	Date Sampled:	04-29-04
Chain of Custody No:	12061	Date Received:	04-29-04
Sample Matrix:	Soil	Date Extracted:	04-30-04
Preservative:	Cool	Date Analyzed:	05-03-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

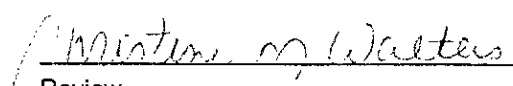
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4,590	0.2
Diesel Range (C10 - C28)	148	0.1
Total Petroleum Hydrocarbons	4,740	0.2

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: **Day A LS #12 Separator.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	05-03-04
Laboratory Number:	28541	Date Sampled:	04-29-04
Chain of Custody:	12061	Date Received:	04-29-04
Sample Matrix:	Soil	Date Analyzed:	05-03-04
Preservative:	Cool	Date Extracted:	04-30-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	203	1.8
Toluene	1,240	1.7
Ethylbenzene	930	1.5
p,m-Xylene	1,300	2.2
o-Xylene	1,400	1.0
Total BTEX	5,070	

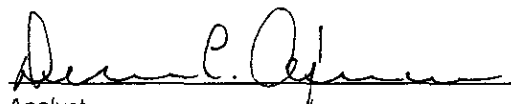
ND - Parameter not detected at the stated detection limit.

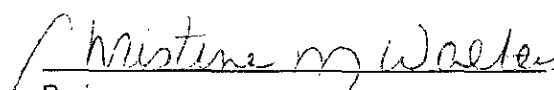
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

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: Day A LS #12 Separator.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## Total Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	04-30-04
Lab ID#:	28541	Date Sampled:	04-29-04
Sample Matrix:	Soil	Date Received:	04-29-04
Preservative:	Cool	Date Analyzed:	04-30-04
Condition:	Cool and Intact	Chain of Custody:	12061

### Parameter

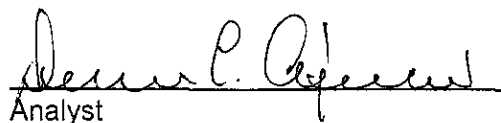
### Concentration (mg/L)

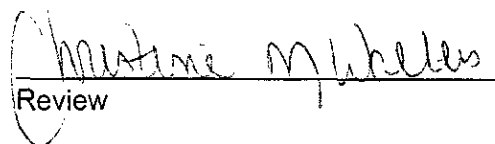
Total Chloride

7.5

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

Comments: Day A LS #12 Separator.

  
Analyst

  
Review

CLIENT: BPBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: 81370

C.O.C. NO: \_\_\_\_\_

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: DAY A LS WELL#: 12 PITS: SEP.  
QUAD/UNIT: A SEC: 18 TWP: 29N RNG: 8W PM: NM CNTY: ST ST: NM  
QTR/FOOTAGE: \_\_\_\_\_ NEINE CONTRACTOR: \_\_\_\_\_DATE STARTED: 3/30/06

DATE FINISHED: \_\_\_\_\_

ENVIRONMENTAL  
SPECIALIST: NV

## SOIL REMEDIATION:

REMEDIATION SYSTEM: LANDFARM

APPROX. CUBIC YARDAGE: \_\_\_\_\_

LAND USE: RANGE - BLMLIFT DEPTH (ft): 1

## FIELD NOTES &amp; REMARKS:

DEPTH TO GROUNDWATER: >100' NEAREST SURFACE WATER: >1,000'NEAREST WATER SOURCE: >1,000' NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5,000 PPMSOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_SOIL COLOR: DK. YELL. ORANGECOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

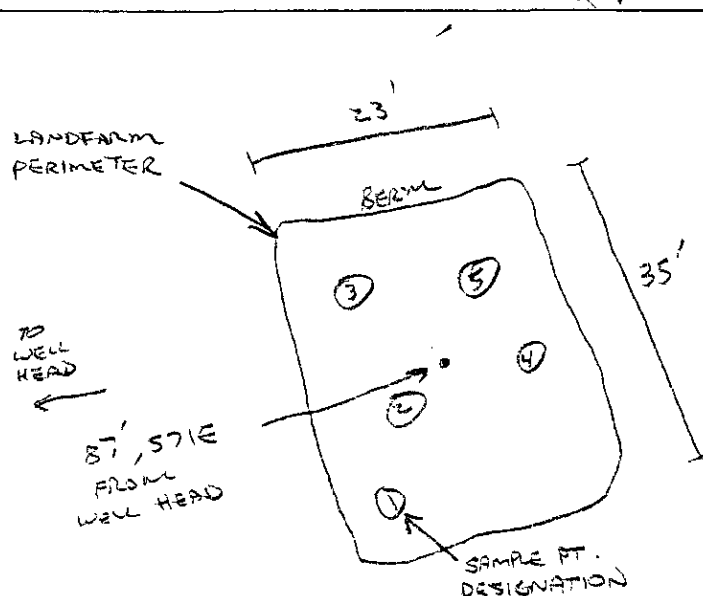
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

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

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDCLOSEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - \_\_\_\_\_HC ODOR DETECTED: YES / NO EXPLANATION - \_\_\_\_\_SAMPLING DEPTHS (LANDFARMS): 6-8 (INCHES)SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

ADDITIONAL COMMENTS: \_\_\_\_\_

## SKETCH/SAMPLE LOCATIONS

OVM CALIB. READ. = 53.2 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 7:45 am/pm DATE: 3/30/06

## OVM RESULTS

## LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (50158)	1230	0.4

## SCALE

0 FT

P.C. - 4/29/04

TRAVEL NOTES: CALLOUT: N/AONSITE: 3/30/06

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

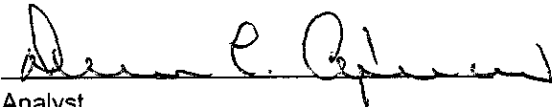
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	04-04-06
Laboratory Number:	36667	Date Sampled:	03-30-06
Chain of Custody No:	14619	Date Received:	03-31-06
Sample Matrix:	Soil	Date Extracted:	03-31-06
Preservative:	Cool	Date Analyzed:	04-04-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

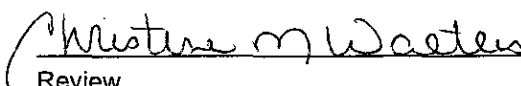
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	0.4	0.1
Total Petroleum Hydrocarbons	0.4	0.2

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: **Day A LS #12 - Landfarm 5 Pt. Composite Sample.**

  
Analyst

  
Review