

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-144  
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

RCVD JAN 23 2007  
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: BP America Production Company Telephone: (505)326-9200 e-mail address: \_\_\_\_\_  
Address: 200 Energy Ct. Farmington, NM 87401  
Facility or well name: GCN #159 API #: 30045 07040 U/L or Qtr/Qtr F Sec 31 T 28 N R 12 W  
County: San Juan Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☒

Pit

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☐ Unlined ☐

Liner type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐

Pit Volume \_\_\_\_\_ bbl

Below-grade tank

Volume: \_\_\_\_\_ bbl Type of fluid: M/A

Construction material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ If no, explain why not. \_\_\_\_\_

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)	
	50 feet or more, but less than 100 feet	(10 points)	
	100 feet or more	( 0 points)	0
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	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.)	Less than 200 feet	(20 points)	
	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: (check the onsite box if you are burying in place) 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.

Additional Comments:

See Attached Documentation

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: 11/01/2005

Printed Name/Title Jeffrey C. Blagg, Agent

Signature Jeffrey C. Blagg


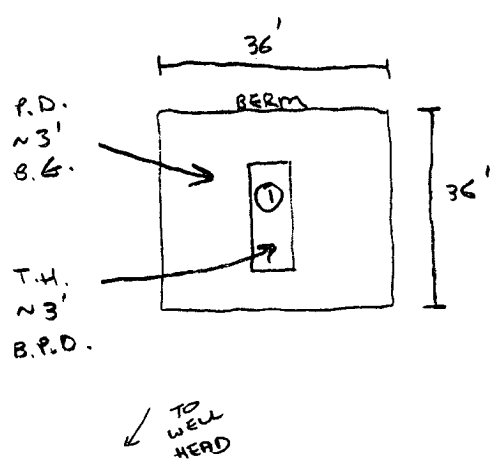
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with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

Approval:

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

Signature [Signature]

Date: JAN 23 2007

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>81173</u> COCR NO: <u>10690</u>																																								
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>GCU</u> WELL#: <u>159</u> TYPE: <u>BLOW</u> QUAD/UNIT: <u>F SEC: 31 TWP: 28N RNG: 12W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1765' N/1595' W</u> SE/NW CONTRACTOR: <u>FLINT (BEN)</u>		DATE STARTED: <u>3/20/03</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
EXCAVATION APPROX. <u>30</u> FT. x <u>30</u> FT. x <u>3</u> FT. DEEP. CUBIC YARDAGE: <u>100</u>																																										
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>																																										
LAND USE: <u>RANGE - SURF. USE - NAVASO</u> LEASE: <u>I149 IND 8478</u> FORMATION: <u>FT</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>174</u> FT. <u>N69E</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 <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>OK. YEL. ORANGE TO LT. GRAY (NEAR BEDROCK)</u> <u>BEDROCK - LT. GRAY</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> <u>FIRM</u> 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 - _____ HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - _____ SAMPLE TYPE: <u>GRAB</u> COMPOSITE - # OF PTS. <u>1</u> ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - HARD, SLIGHTLY FRIABLE.</u> <u>BEDROCK BOTTOM</u>		OVM CALIB. READ. = <u>54.1</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>10:38</u> am/pm DATE: <u>3/20/03</u>																																								
FIELD 418.1 CALCULATIONS																																										
SCALE  0 FT	<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>		SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																
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<u>BOTH PASSED</u>																																										
TRAVEL NOTES: CALLOUT: <u>3/20/03 - MORN.</u> ONSITE: <u>3/20/03 - MORN.</u>																																										

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client: Blagg / BP  
Sample ID: 1 @ 6'  
Laboratory Number: 25141  
Chain of Custody No: 10690  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Cool and Intact

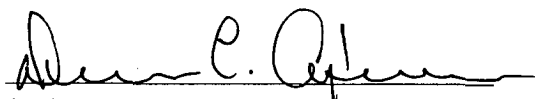
Project #: 94034-010  
Date Reported: 03-22-03  
Date Sampled: 03-20-03  
Date Received: 03-20-03  
Date Extracted: 03-21-03  
Date Analyzed: 03-22-03  
Analysis Requested: 8015 TPH

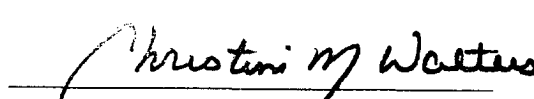
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,100	0.2
Diesel Range (C10 - C28)	799	0.1
Total Petroleum Hydrocarbons	1,900	0.2

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: GCU #159 Blow Pit Grab Sample.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Blagg / BP  
Sample ID: 1 @ 6'  
Laboratory Number: 25141  
Chain of Custody: 10690  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Cool & Intact

Project #: 94034-010  
Date Reported: 03-22-03  
Date Sampled: 03-20-03  
Date Received: 03-20-03  
Date Analyzed: 03-22-03  
Date Extracted: 03-21-03  
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	137	1.8
Toluene	657	1.7
Ethylbenzene	1,030	1.5
p,m-Xylene	1,740	2.2
o-Xylene	2,050	1.0
Total BTEX	5,610	

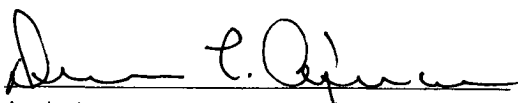
ND - Parameter not detected at the stated detection limit.

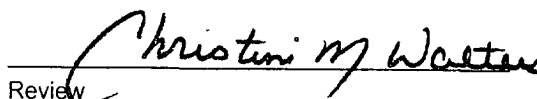
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

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: GCU #159 Blow Pit Grab Sample.

  
Analyst

  
Review

CLIENT: BPBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: 81173C.O.C. NO: 13917

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: GCU WELL #: 159 PITS: \_\_\_\_\_  
QUAD/UNIT: F SEC: 31 TWP: 28N RNG: 12W PM: NM CNTY: ST ST: NM  
QTR/FOOTAGE: SE/NW CONTRACTOR: \_\_\_\_\_DATE STARTED: 7/21/05  
DATE FINISHED: \_\_\_\_\_  
ENVIRONMENTAL  
SPECIALIST: NV

## SOIL REMEDIATION:

100

REMEDICATION SYSTEM: LANDFARM

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

LAND USE: RANGE

LIFT DEPTH (ft): \_\_\_\_\_

0.5-1.5

## FIELD NOTES &amp; REMARKS:

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

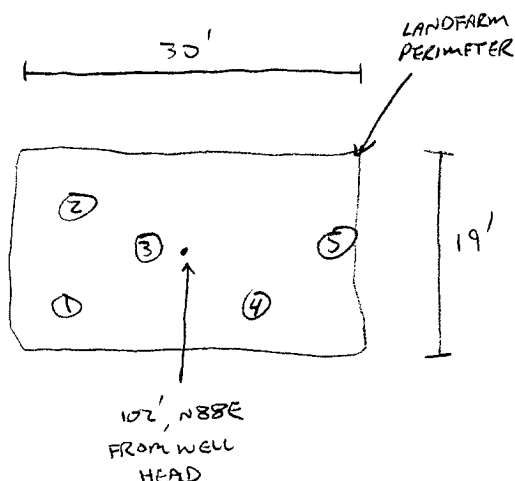
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

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): 6-12 (INCHES)SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

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

## SKETCH/SAMPLE LOCATIONS

OVM CALIB. READ. = 53.4 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 7:10 AM/PM DATE: 7/20/05

## OVM RESULTS

## LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80158)	0840	ND

## SCALE

  
0 FTTRAVEL NOTES: CALLOUT: N/AONSITE: 7/21/05

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

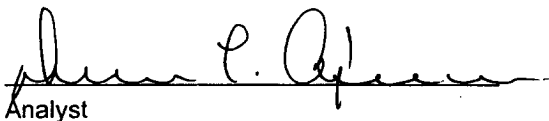
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	07-27-05
Laboratory Number:	33814	Date Sampled:	07-21-05
Chain of Custody No:	13917	Date Received:	07-21-05
Sample Matrix:	Soil	Date Extracted:	07-26-05
Preservative:	Cool	Date Analyzed:	07-27-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

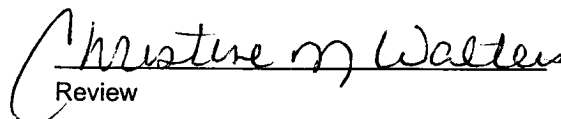
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **GCU #159 5 Pt. Composite Sample.**

  
Analyst

  
Review