

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

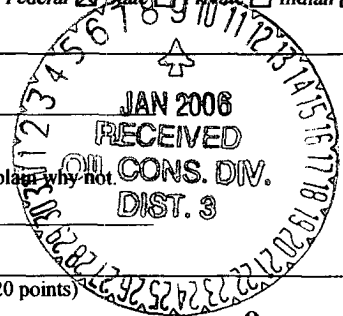
Form C-144  
June 1, 2004

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

**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 ☒

Operator: <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505-326-9200)</u> e-mail address: _____			
Address: <u>200 ENERGY COURT, FARMINGTON, NM 87410</u>			
Facility or well name: <u>HUGHES #4</u> API #: <u>30-045- 23492</u> U/L or Qtr/Qtr <u>A</u> Sec <u>29</u> T <u>29N</u> R <u>8W</u>			
County: <u>SAN JUAN</u> Latitude <u>36.70109</u> Longitude <u>107.69329</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"/> <u>BLOW</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input 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.)	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) 1000 feet or more (0 points)		0
<b>Ranking Score (Total Points)</b>			<b>0</b>

**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: <u>PIT LOCATED APPROXIMATELY 102 FT. S60W FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH n/a ft., LENGTH n/a ft., DEPTH n/a ft.</u>
<u>PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/>, LANDFARM: <input type="checkbox"/>, COMPOST: <input type="checkbox"/>, STOCKPILE: <input type="checkbox"/>, OTHER <input type="checkbox"/> (explain)</u>
Cubic yards: <u>N/A</u>
<b>NO TPH ANALYSIS CONDUCTED</b>

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 alternative OCD-approved plan ☒.

Date: 12/15/04

Printed Name/Title: Jeff Blagg – P.E. # 11607

Signature: \_\_\_\_\_

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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

JAN 09 2006



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Oil Conservation Division  
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Santa Fe, NM 87505

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June 1, 2004

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

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

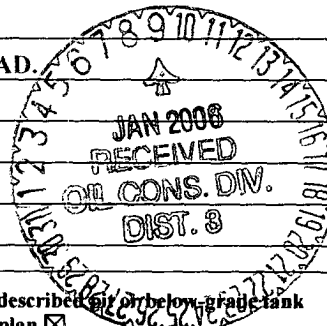
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<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>DEHY/SEP</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: <u>N/A</u> Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input 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.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more ( 0 points)	<b>0</b>
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)	<b>0</b>
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) 1000 feet or more ( 0 points)	<b>0</b>
<b>Ranking Score (Total Points)</b>		<b>0</b>

**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: <u>PIT LOCATED APPROXIMATELY 93 FT. S63E FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH n/a ft., LENGTH n/a ft., DEPTH n/a ft.</u>
<u>PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/> LANDFARM: <input type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)</u>
Cubic yards: <u>N/A</u>
<u>BEDROCK BOTTOM, RISK ASSESSED</u>



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 alternative OCD-approved plan ☒.

Date: 12/16/04

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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title \_\_\_\_\_

Signature Brandon Bell

Date: JAN 09 2005

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>8147A</u> COCR NO: <u>13367</u>
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## FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: HUGHES WELL#: 4 TYPE: DEHY/SEP.

QUAD/UNIT: A SEC: 29 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 1020'N/810'E NE/SE CONTRACTOR: SIERRA (DENNIS)

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - BLM LEASE: SF078046 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 93 FT. S63E FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ. = 53.8 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 10:05 @/PM DATE: 12/15/04

SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)

SOIL COLOR: PALE YELL. ORANGE TO BLACK BEDROCK - LT. MED. GRAY

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 / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: (YES) NO EXPLANATION - 2-3' BELOW GRADE (LT. MED. GRAY TO BLACK)

HC ODOR DETECTED: (YES) NO EXPLANATION - DISCOLORED SOIL & OVM SAMPLE

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. —

ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - HARD, SLIGHTLY FRIABLE. INSTRUCTED OPERATOR TO DILUTE/AERATE DISCOLORED SOIL & LEAVE W/IN PIT AREA.

PAGE No: 1 of 1 DJA

DATE STARTED: 12/15/04

DATE FINISHED:       

ENVIRONMENTAL SPECIALIST: NV

SCALE

0 FT

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 3'	225-5
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
① 23'	TPH (80158)	1057
"	STEX (80218)	"
(TPH - FAILED)		

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 12/15/04 - MORN. ONSITE: 12/15/04 - MORN.

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW  
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM

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

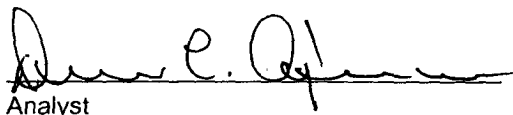
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	12-16-04
Laboratory Number:	31454	Date Sampled:	12-15-04
Chain of Custody No:	13367	Date Received:	12-15-04
Sample Matrix:	Soil	Date Extracted:	12-16-04
Preservative:	Cool	Date Analyzed:	12-16-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

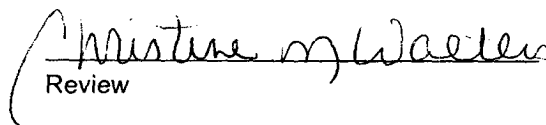
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	581	0.2
Diesel Range (C10 - C28)	128	0.1
Total Petroleum Hydrocarbons	709	0.2

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: **Hughes #4 Separator Pit Grab Sample.**

  
Analyst

  
Review

EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	12-16-04
Laboratory Number:	31454	Date Sampled:	12-15-04
Chain of Custody:	13367	Date Received:	12-15-04
Sample Matrix:	Soil	Date Analyzed:	12-16-04
Preservative:	Cool	Date Extracted:	12-16-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1,140	1.8
Toluene	905	1.7
Ethylbenzene	705	1.5
p,m-Xylene	3,020	2.2
o-Xylene	2,460	1.0
Total BTEX	8,230	

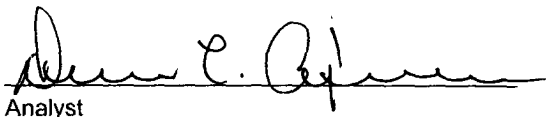
ND - Parameter not detected at the stated detection limit.

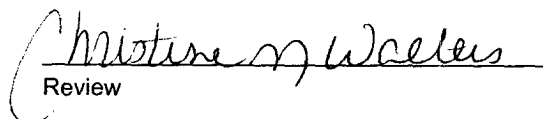
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

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: Hughes #4 Separator Pit Grab Sample.

  
Analyst

  
Review

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**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 ☒

Operator: BP AMERICA PROD. CO. Telephone: (505-326-9200) e-mail address: \_\_\_\_\_  
Address: 200 ENERGY COURT, FARMINGTON, NM 87410  
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County: SAN JUAN Latitude 36.70109 Longitude 107.69329 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☒ PROD TANK  
Workover ☐ Emergency ☐  
Lined ☐ Unlined ☒  
Liner type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐  
Pit Volume \_\_\_\_\_ bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: N/A  
Double-walled, with leak detection? Yes ☐ If not, 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)

**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.)

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: PIT LOCATED APPROXIMATELY 120 FT. S0E FROM WELL HEAD

PIT EXCAVATION: WIDTH n/a ft., LENGTH n/a ft., DEPTH n/a ft.

PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)

Cubic yards: N/A

BEDROCK BOTTOM

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 alternative OCD-approved plan ☒.

Date: 12/16/04

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

Signature Jeff Blagg

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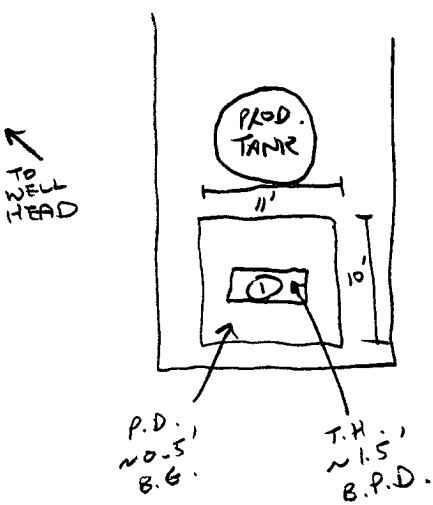
approval:

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title

Signature Brandon Randall

Date: JAN 09 2005

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>81479</u> COCR NO: <u>13367</u>																																		
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SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>OLIVE GRAY</u> <u>BEDROCK - OLIVE TO 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): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / <u>SLIGHTLY MOIST</u> <u>MOIST</u> / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>CLOSED</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - _____ SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. _____ ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM BEDROCK SURFACE, BEDROCK - HARD SLIGHTLY FRIABLE. INSTRUCTED OPERATOR TO DILUTE/AERATE DISCOLORED SOIL &amp; LEAVE W/IN PIT AREA.</u> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <u>BEDROCK BOTTOM</u> </div>																																				
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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> </tbody> </table>		SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																										
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 <p style="font-size: small;">P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW          T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM</p>	<div style="text-align: center;">OVM READING</div> <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 @ 2'</td><td>359</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> </tbody> </table> <div style="text-align: center;">LAB SAMPLES</div> <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 @ 2'</td><td>TPH (80158)</td><td>1120</td></tr> <tr><td>"</td><td>BTEX (80218)</td><td>"</td></tr> <tr><td colspan="3" style="text-align: center;"><u>PASSED</u></td></tr> </tbody> </table> <div style="text-align: center; font-size: large;">NOT APPLICABLE</div>		SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 2'	359	2 @		3 @		4 @		5 @												SAMPLE ID	ANALYSIS	TIME	1 @ 2'	TPH (80158)	1120	"	BTEX (80218)	"	<u>PASSED</u>		
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# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

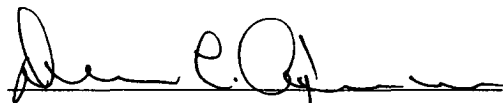
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 2'	Date Reported:	12-16-04
Laboratory Number:	31455	Date Sampled:	12-15-04
Chain of Custody No:	13367	Date Received:	12-15-04
Sample Matrix:	Soil	Date Extracted:	12-16-04
Preservative:	Cool	Date Analyzed:	12-16-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

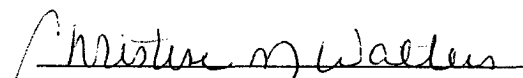
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	6,730	0.2
Diesel Range (C10 - C28)	708	0.1
Total Petroleum Hydrocarbons	7,440	0.2

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: **Hughes #4 Production Tank Pit    Grab Sample.**

  
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 @ 2'	Date Reported:	12-16-04
Laboratory Number:	31455	Date Sampled:	12-15-04
Chain of Custody:	13367	Date Received:	12-15-04
Sample Matrix:	Soil	Date Analyzed:	12-16-04
Preservative:	Cool	Date Extracted:	12-16-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1,020	1.8
Toluene	2,680	1.7
Ethylbenzene	4,330	1.5
p,m-Xylene	4,050	2.2
o-Xylene	4,850	1.0
Total BTEX	16,930	

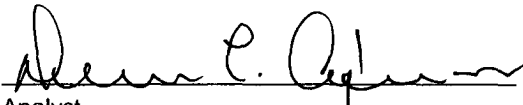
ND - Parameter not detected at the stated detection limit.

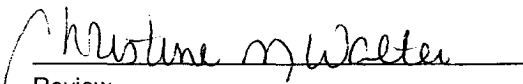
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

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: Hughes #4 Production Tank Pit Grab Sample.

  
Analyst

  
Review