

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

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

Form C-144  
March 12, 2004

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 ☒

RCVD MAR26'07

OIL CONS. DIV.  
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>HUGHES A #3E</u>	API #: <u>30-045-25285</u>	U/L or Qtr/Qt <u>I</u> Sec <u>28</u> T <u>29N</u> R <u>8W</u>
County: <u>San Juan</u> Latitude <u>36.69424</u> Longitude <u>107.67485</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 checked="" type="checkbox"/> Disposal <input 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? Yes <input type="checkbox"/> If not, explain why not. <u>    </u>		
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) <u>0</u>
	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) <u>0</u>
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) <u>0</u>
	1000 feet or more	( 0 points)
Ranking Score (Total Points)		<u>0</u>

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: 06/12/04

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 26 2007

Date:     

Printed Name/Title JOINT OIL & GAS INSPECTOR, DIST. # Signature Bob Bell

bej1005C.skf

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

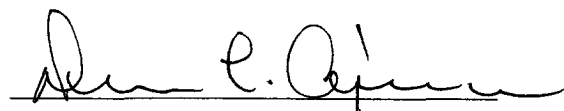
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	03-29-04
Laboratory Number:	28221	Date Sampled:	03-26-04
Chain of Custody No:	11676	Date Received:	03-26-04
Sample Matrix:	Soil	Date Extracted:	03-29-04
Preservative:	Cool	Date Analyzed:	03-29-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

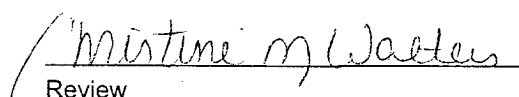
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	442	0.2
Diesel Range (C10 - C28)	66.6	0.1
Total Petroleum Hydrocarbons	509	0.2

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 A #3E Separator 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 @ 8'	Date Reported:	03-29-04
Laboratory Number:	28221	Date Sampled:	03-26-04
Chain of Custody:	11676	Date Received:	03-26-04
Sample Matrix:	Soil	Date Analyzed:	03-29-04
Preservative:	Cool	Date Extracted:	03-29-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	36.8	1.8
Toluene	917	1.7
Ethylbenzene	362	1.5
p,m-Xylene	2,510	2.2
o-Xylene	1,150	1.0
Total BTEX	4,980	

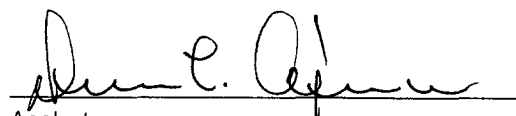
ND - Parameter not detected at the stated detection limit.

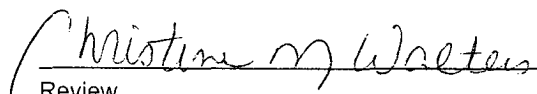
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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 A #3E Separator Pit Grab Sample.

  
Analyst

  
Review

CLIENT: BPBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: 81352C.O.C. NO: 14548

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: HUGHES A WELL #: 3E PITS: SEP., PROD.QUAD/UNIT: I SEC: 28 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NMQTR/FOOTAGE: NE/SE CONTRACTOR: DATE STARTED: 3/28/06DATE FINISHED: ENVIRONMENTAL  
SPECIALIST: NV

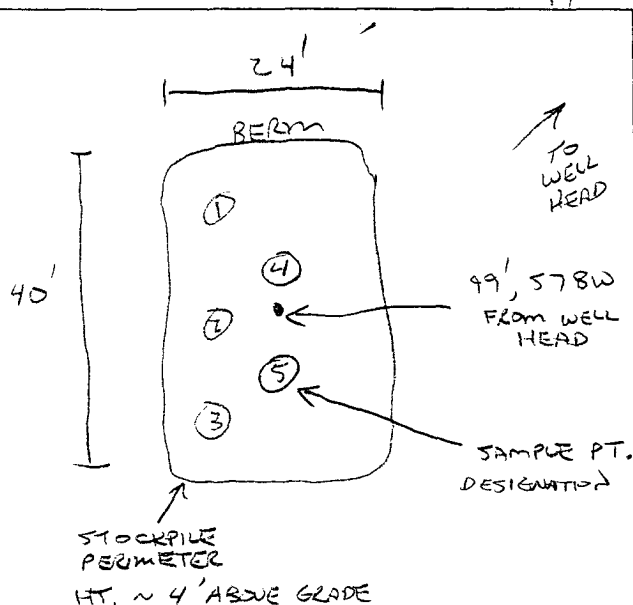
## SOIL REMEDIATION:

FOREMEDATION SYSTEM: STOCKPILEAPPROX. CUBIC YARDAGE: LAND USE: RANGE - BLMLIFT DEPTH (ft): N/A

## 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 BEDROCK FRAGMENTSOIL COLOR: PALE YELL. BROWN TO BLACKCOHESION (ALL OTHERS): (NON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): (LOOSE) FIRM / DENSE / VERY DENSEPLASTICITY (CLAYS): NON PLASTIC / (SLIGHTLY PLASTIC) COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTICDENSITY (COHESIVE CLAYS & SILTS): SOFT (FIRM) STIFF / VERY STIFF / HARDMOISTURE: DRY / (SLIGHTLY MOIST) MOIST / WET / SATURATED / SUPER SATURATEDCLOSEDDISCOLORATION/STAINING OBSERVED: (YES) NO EXPLANATION - VARYING GRAY TO BLACK IN SAMP. PTS. (4) + (5)HC ODOR DETECTED: (YES) NO EXPLANATION - SLIGHTLY IN DISCLOSED PORTION OF SAMP. PTS. (4) + (5)SAMPLING DEPTHS (LANDFARMS): N/A (INCHES)SAMPLE TYPE: GRAB / (COMPOSITE) # OF PTS. 5ADDITIONAL COMMENTS: HAND AUGERED SAMPLE PTS. (4) + (5) ~ 2.5-3' FROM TOP OF STOCKPILE (~ 4' ABOVE GROUND)

## SKETCH/SAMPLE LOCATIONS

OVM CALIB. READ. = 53.6 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 9:50 am/pm DATE: 3/24/06

## OVM RESULTS

## LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
SP-1	0.0	SP-1	TPH (80:58)	1355	9.7

P.C. - 3/26/06

## SCALE

0 FT

TRAVEL NOTES: CALLOUT: N/AONSITE: 3/28/06

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

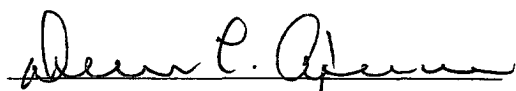
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	SP - 1	Date Reported:	03-30-06
Laboratory Number:	36628	Date Sampled:	03-28-06
Chain of Custody No:	14548	Date Received:	03-29-06
Sample Matrix:	Soil	Date Extracted:	03-29-06
Preservative:	Cool	Date Analyzed:	03-30-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

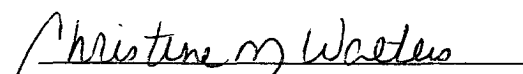
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	9.7	0.1
Total Petroleum Hydrocarbons	9.7	0.2

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 A #3E Stockpile 5 Pt. Composite Sample.**

  
Analyst

  
Review