

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  
10 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.  
DIST. 3

**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>		
Address: <u>200 Energy Court, Farmington, NM 87410</u>		
Facility or well name: <u>DAY A LS #10</u>	API #: <u>30-045-20811</u>	U.L. or Qtr: <u>J</u> Sec: <u>18</u> T: <u>29N</u> R: <u>8W</u>
County: <u>San Juan</u> Latitude: <u>36.72268</u> Longitude: <u>107.71231</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: _____ mil Clay <input type="checkbox"/> Volume: _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled with leak detection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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)
<b>Ranking Score (Total Points)</b>		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: 05/05/04

Printed Name/Title: Jeff Blagg - P.E. # 11607 Signature: [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: MAR 06 2007

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

Printed Name/Title: SENIOR OIL & GAS INSPECTOR, DIST. 3 Signature: [Signature]

3004520811

36.72268, 107.71231

CLIENT: <u>BP</u>	<b>BLAGG ENGINEERING, INC.</b> P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81374</u> COCR NO: <u>12110</u>
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**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1

LOCATION: NAME: <u>DAY A LS</u> WELL #: <u>10</u> TYPE: <u>SEP</u>	DATE STARTED: <u>5-4-04</u> DATE FINISHED: <u>5-4-04</u>
QUAD/UNIT: <u>J SEC: 18 TWP: 29N RING: 8W PM: NM CNTY: SJ ST: NM</u>	ENVIRONMENTAL SPECIALIST: <u>JCB</u>
QTR/FOOTAGE: <u>1746'S/1500'E</u> <u>12</u> <u>12</u> <u>12</u> CONTRACTOR: <u>HD (JUAN)</u>	

EXCAVATION APPROX. 12 FT. x 12 FT. x 5 FT. DEEP. CUBIC YARDAGE: 20DISPOSAL FACILITY: ONSITE REMEDIATION METHOD: LFLAND USE: RANGE - BURN LEASE: SF 078414 FORMATION: PCFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 13 FT. S10°W FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPMSOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 51.9 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 0855 am/pm DATE: 5-4-04

SOIL TYPE: SAND (SILTY SAND) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK @ 6' BGSOIL COLOR: ORANGE TANCOHESION (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 / HARDMOISTURE: DRY (SLIGHTLY MOIST) MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED YES / NO EXPLANATION - GRAY W/ BLACK STAININGHC ODOR DETECTED YES / NO EXPLANATION - MODERATE 3'-5'; Minor 5'-6'SAMPLE TYPE: GRAB COMPOSITE - # OF PTS.ADDITIONAL COMMENTS: EARTHEN PIT. USE BACKHOE TO EXCAVATE TO S.S. BEDROCK.BEDROCK BOTTOMWILL SET 40 BBL STEEL AST IN PIT.CLOSED

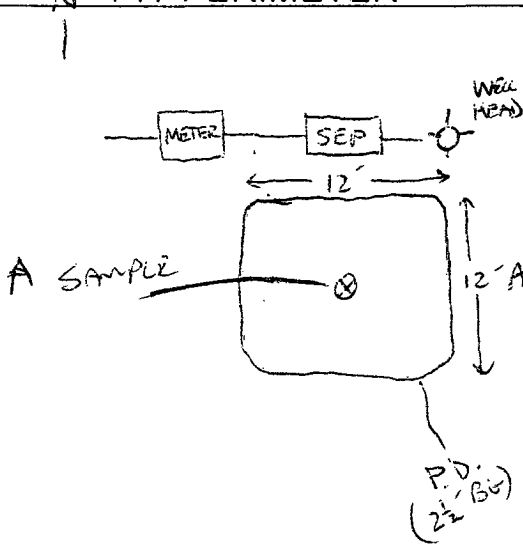
## FIELD 418.1 CALCULATIONS

SCALE



PIT PERIMETER

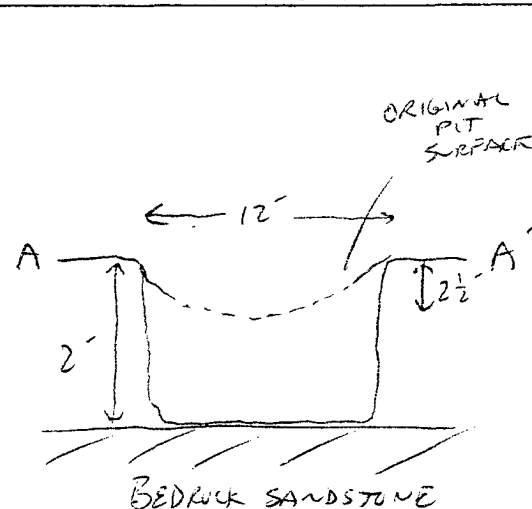
PIT PROFILE

OVM  
READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6'	212
2 @	
3 @	
4 @	
5 @	

## LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 6'	TPH BTEX	1330
	CHLORIDE	
	ALL PASSED	



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

TRAVEL NOTES: CALLOUT: 3/4/04 0710 ONSITE: 5/4/04 1315

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

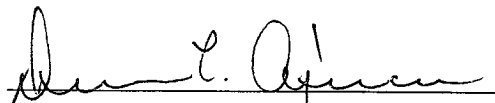
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	05-05-04
Laboratory Number:	28572	Date Sampled:	05-04-04
Chain of Custody No:	12110	Date Received:	05-04-04
Sample Matrix:	Soil	Date Extracted:	05-05-04
Preservative:	Cool	Date Analyzed:	05-05-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

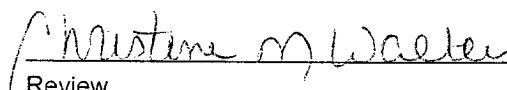
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3,130	0.2
Diesel Range (C10 - C28)	93.8	0.1
Total Petroleum Hydrocarbons	3,220	0.2

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 10.**

  
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 @ 6'	Date Reported:	05-05-04
Laboratory Number:	28572	Date Sampled:	05-04-04
Chain of Custody:	12110	Date Received:	05-04-04
Sample Matrix:	Soil	Date Analyzed:	05-05-04
Preservative:	Cool	Date Extracted:	05-05-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	504	1.8
Toluene	1,030	1.7
Ethylbenzene	637	1.5
p,m-Xylene	2,110	2.2
o-Xylene	1,000	1.0
Total BTEX	5,280	

ND - Parameter not detected at the stated detection limit.

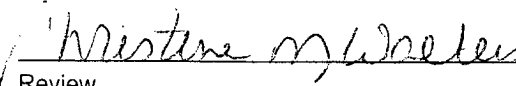
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

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 10.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

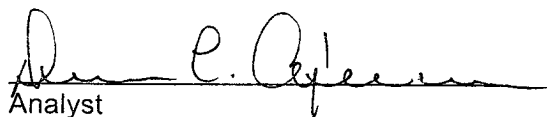
## Total Chloride

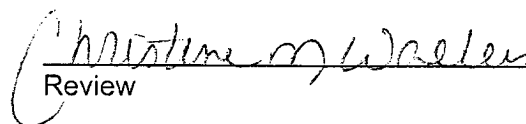
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	05-05-04
Lab ID#:	28572	Date Sampled:	05-04-04
Sample Matrix:	Soil	Date Received:	05-04-04
Preservative:	Cool	Date Analyzed:	05-05-04
Condition:	Cool and Intact	Chain of Custody:	12110

Parameter	Concentration (mg/L)
Total Chloride	6.0

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

Comments: Day A LS 10.

  
Analyst

  
Review

CLIENT: BPBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: 81374C.O.C. NO: 14630

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: DAY A LS WELL #: 10 PITS: SEP.  
QUAD/UNIT: J SEC: 18 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM  
QTR/FOOTAGE: \_\_\_\_\_ NW/SE CONTRACTOR: \_\_\_\_\_DATE STARTED: 5/18/06

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

ENVIRONMENTAL  
SPECIALIST: NV

## SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARM

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

LAND USE: RANGE - BLMLIFT DEPTH (ft): 0.5-1

## 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: MO. BROWNCOHESION (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

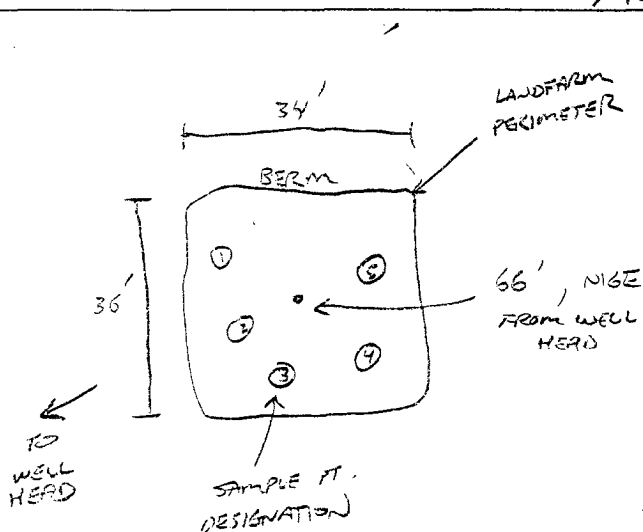
DENSITY (COHESIVE CLAYS &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES ~~NO~~ EXPLANATION - \_\_\_\_\_HC ODOR DETECTED: YES ~~NO~~ EXPLANATION - \_\_\_\_\_SAMPLING DEPTHS (LANDFARMS): 4-8 (INCHES)SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

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

CLOSED

## SKETCH/SAMPLE LOCATIONS

OVM CALIB. READ. = 53.1 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 10:25 am/pm DATE: 5/18/06

## OVM RESULTS

## LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (30158)	1015	ND

## SCALE



0 FT

P.C. - 5/4/04

TRAVEL NOTES: CALLOUT: N/AONSITE: 5/18/06

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

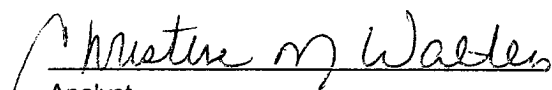
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	05-19-06
Laboratory Number:	37166	Date Sampled:	05-18-06
Chain of Custody No:	14630	Date Received:	05-18-06
Sample Matrix:	Soil	Date Extracted:	05-19-06
Preservative:	Cool	Date Analyzed:	05-19-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

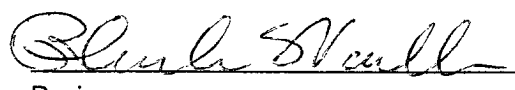
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Day A LS #10 Landfarm 5 Pt Composite Sample.**

  
Analyst

  
Review