

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

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

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**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  
Facility or well name: FLORANCE #10 API #: 30-045- 09196 U/L or Qtr/Qtr H Sec 30 T 30N R 9W  
County: SAN JUAN Latitude 36.785586 Longitude 107.81592 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

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

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: NA  
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)	<b>0</b>
	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)	<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)	<b>10</b>
	1000 feet or more	( 0 points)	
<b>Ranking Score (Total Points)</b>			<b>10</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 BP CROUCH MESA LF. (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 111 FT. S48W FROM WELL HEAD.

PIT EXCAVATION: WIDTH 14 ft., LENGTH 15 ft., DEPTH 10 ft.

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

Cubic yards: 75

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: 10/31/05

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. 8

Printed Name/Title \_\_\_\_\_ Signature Denny Kent

Date: FEB 28 2006

vuv

30045 09196

36.785586/107.81592

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>80919</u> COCR NO: <u>14487</u>																																												
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																																												
LOCATION: NAME: <u>FLORANCE</u> WELL #: <u>10</u> TYPE: <u>PROD. TANK</u> QUAD/UNIT: <u>4</u> SEC: <u>30</u> TWP: <u>30N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1650'N 1990'E</u> <u>SENE</u> CONTRACTOR: <u>HDI (LYNE)</u>		DATE STARTED: <u>10/27/05</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																												
EXCAVATION APPROX. <u>14</u> FT. x <u>15</u> FT. x <u>10</u> FT. DEEP. CUBIC YARDAGE: <u>75</u>																																														
DISPOSAL FACILITY: <u>BP CROUCH MESA FACILITY</u> REMEDIATION METHOD: <u>LANDFARM</u>																																														
LAND USE: <u>RANGE - BUN</u> LEASE: <u>NM 073114</u> FORMATION: <u>MV</u>																																														
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>111</u> FT. <u>548W</u> FROM WELLHEAD.																																														
DEPTH TO GROUNDWATER: <u>&gt;100</u> NEAREST WATER SOURCE: <u>&gt;1,000</u> NEAREST SURFACE WATER: <u>&lt;1,000</u>																																														
NMOCD RANKING SCORE: <u>10</u> NMOCD TPH CLOSURE STD: <u>1,000</u> PPM																																														
SOIL AND EXCAVATION DESCRIPTION: ELEV. - <u>6,119'</u>		OVM CALIB. READ. = <u>49.8</u> ppm CHECK OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>10:30</u> am/pm DATE: <u>10/27/05</u>																																												
SOIL TYPE: <u>SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>LT. TO DK. GRAY</u> BEDROCK - <u>LT. GRAY / PALE ORANGE</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> / <u>MOIST</u> / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>ENTIRE EXCAVATION + BOTTOM</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>EXCAVATION + OVM SAMPLE</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>-</u> ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - SOFT, VERY FRIABLE.</u> <div style="border: 1px solid black; padding: 2px; display: inline-block;">BEDROCK BOTTOM</div>																																														
FIELD 418.1 CALCULATIONS																																														
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM				<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">PASSED</div>																																										
TRAVEL NOTES: CALLOUT: <u>10/27/05 - MORN.</u> ONSITE: <u>10/27/05 - MORN.</u>																																														

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

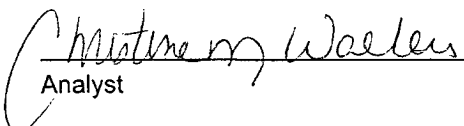
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 11'	Date Reported:	10-31-05
Laboratory Number:	34800	Date Sampled:	10-27-05
Chain of Custody No:	14487	Date Received:	10-27-05
Sample Matrix:	Soil	Date Extracted:	10-27-05
Preservative:	Cool	Date Analyzed:	10-28-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

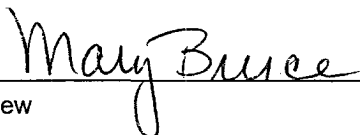
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	9.1	0.1
Total Petroleum Hydrocarbons	9.1	0.2

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: **Florance #10 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 @ 11'	Date Reported:	10-28-05
Laboratory Number:	34800	Date Sampled:	10-27-05
Chain of Custody:	14487	Date Received:	10-27-05
Sample Matrix:	Soil	Date Analyzed:	10-28-05
Preservative:	Cool	Date Extracted:	10-27-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	25.4	1.7
Ethylbenzene	514	1.5
p,m-Xylene	482	2.2
o-Xylene	128	1.0
Total BTEX	1,150	

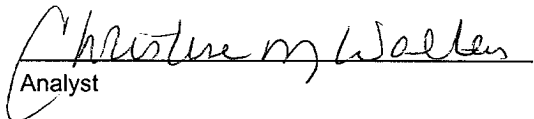
ND - Parameter not detected at the stated detection limit.

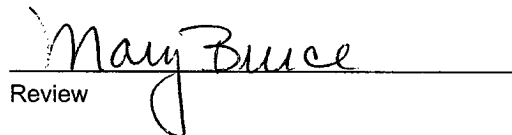
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Florance #10 Production Tank Pit Grab Sample.

  
Analyst

  
Review