

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

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

**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 JAN 9 2007  
OIL CONSV. DIV.

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: FLORANCE #26 API #: 30045 07766 U/L or Qtr/Qtr M Sec 25 T 29 N R 9 W  
County: San Juan Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank
Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: <u>MA</u> Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> 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)
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)
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)
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: (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

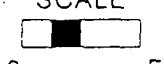
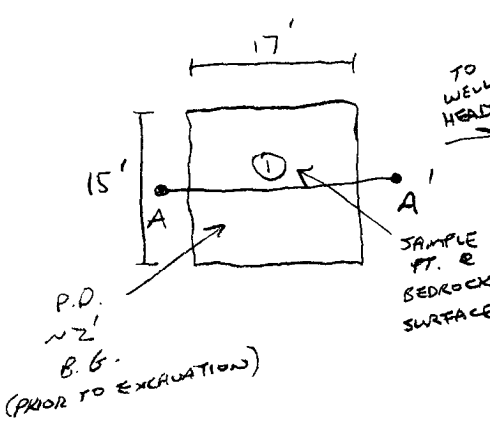
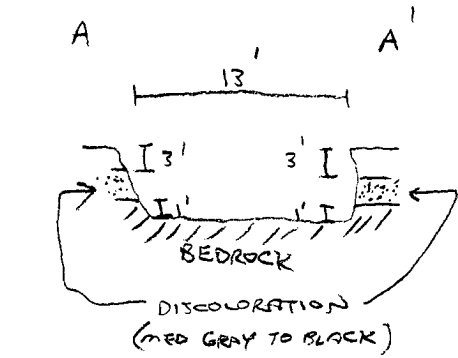
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with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

Approval:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. 03

Signature Bob Bell

Date: JAN 09 2007

CLIENT: <u>BP</u>	<b>BLAGG ENGINEERING, INC.</b> P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1208</u> COCR NO: <u>10809</u>																																								
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>FLORANCE</u> WELL#: <u>26</u> TYPE: <u>SEP.</u> QUAD/UNIT: <u>M</u> SEC: <u>25</u> TWP: <u>29N</u> RING: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>990'S/990'W</u> SW/SW CONTRACTOR: <u>L &amp; L (BRIAN)</u>		DATE STARTED: <u>5/2/03</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
EXCAVATION APPROX. <u>13</u> FT. x <u>11</u> FT. x <u>3</u> FT. DEEP. CUBIC YARDAGE: <u>15</u> DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CANDFARM</u> LAND USE: <u>RANGE - BLM</u> LEASE: <u>NM073365/NM073570</u> FORMATION: <u>MU/PC</u>																																										
<b>FIELD NOTES &amp; REMARKS:</b> PIT LOCATED APPROXIMATELY <u>126</u> FT. <u>SGOW</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u> NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM																																										
<b>SOIL AND EXCAVATION DESCRIPTION:</b> <div style="float: right; border: 1px solid black; padding: 5px; margin-top: -20px;">                     OVM CALIB. READ. = <u>53.1</u> ppm                      OVM CALIB. GAS = <u>100</u> ppm RF = 0.52                      TIME: <u>8:40</u> (AM) PM DATE: <u>5/2/03</u> </div> SOIL TYPE: <u>(SAND)</u> SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>PALE YELL. BROWN TO BLACK</u> <u>BEDROCK - LT. TO DK. GRAY</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE / FIRM / DENSE / VERY DENSE</u> PLASTICITY (CLAYS): <u>NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC</u> DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT / FIRM / STIFF / VERY STIFF / HARD</u> MOISTURE: <u>DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED</u> DISCOLORATION/STAINING OBSERVED: <u>(YES)</u> NO EXPLANATION: <u>BET. 3-5' ON SIDEWALLS &amp; BEDROCK SURFACE</u> HC ODOR DETECTED: <u>(YES)</u> NO EXPLANATION: _____ SAMPLE TYPE: <u>(GRAB)</u> COMPOSITE - # OF PTS. <u>—</u> ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - VERY HARD, COMPETENT</u> <u>E EXCAVATION BOTTOM.</u>																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <b>SCALE</b>                    0 FT             </div> <div style="width: 65%;"> <b>FIELD 418.1 CALCULATIONS</b> <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> </div> </div>			SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>PIT PERIMETER</b>  </div> <div style="width: 10%;"> <b>OVM READING</b> <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 @ 5'</td><td>357</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> </tbody> </table> </div> <div style="width: 40%;"> <b>PIT PROFILE</b>  </div> </div>			SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 5'	357	2 @		3 @		4 @		5 @																													
SAMPLE ID	FIELD HEADSPACE (ppm)																																									
1 @ 5'	357																																									
2 @																																										
3 @																																										
4 @																																										
5 @																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 35%;"> <b>LAB SAMPLES</b> <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 @ 5'</td> <td>TPH (80158)</td> <td>323</td> </tr> <tr> <td>"</td> <td>BTEX (80218)</td> <td>"</td> </tr> </tbody> </table> </div> <div style="width: 60%;"> <b>TRAVEL NOTES:</b> CALLOUT: <u>5/1/03 - AFTER.</u> ONSITE: <u>5/2/03 - AFTER.</u> </div> </div>			SAMPLE ID	ANALYSIS	TIME	① @ 5'	TPH (80158)	323	"	BTEX (80218)	"																															
SAMPLE ID	ANALYSIS	TIME																																								
① @ 5'	TPH (80158)	323																																								
"	BTEX (80218)	"																																								

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

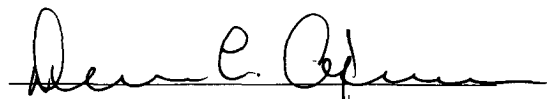
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	05-05-03
Laboratory Number:	25521	Date Sampled:	05-02-03
Chain of Custody No:	10809	Date Received:	05-02-03
Sample Matrix:	Soil	Date Extracted:	05-02-03
Preservative:	Cool	Date Analyzed:	05-05-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

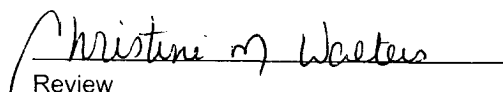
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	78.5	0.2
Diesel Range (C10 - C28)	51.0	0.1
Total Petroleum Hydrocarbons	130	0.2

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 #26 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 @ 5'	Date Reported:	05-05-03
Laboratory Number:	25521	Date Sampled:	05-02-03
Chain of Custody:	10809	Date Received:	05-02-03
Sample Matrix:	Soil	Date Analyzed:	05-05-03
Preservative:	Cool	Date Extracted:	05-02-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	25.8	1.8
Toluene	414	1.7
Ethylbenzene	798	1.5
p,m-Xylene	2,510	2.2
o-Xylene	1,220	1.0
Total BTEX	4,970	


ND - Parameter not detected at the stated detection limit.

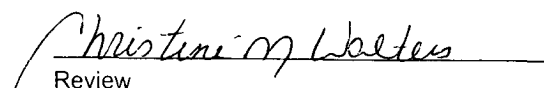
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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 #26 Separator Pit Grab Sample.

  
Analyst

  
Review

CLIENT: <u>BP</u>	<b>BLAGG ENGINEERING, INC.</b> P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81208</u> C.O.C. NO: <u>13401</u>
-------------------	---	--

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>FLORANCE</u>	WELL #: <u>26</u>	PITS: <u>SEP.</u>	DATE STARTED: <u>3/29/05</u>
QUAD/UNIT: <u>M</u> SEC: <u>25</u> TWP: <u>29N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>	DATE FINISHED: _____		
QTR/FOOTAGE: <u>SW/SW</u> CONTRACTOR: <u>L &amp; L (BRIAN)</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>		

SOIL REMEDIATION:	15
REMEDATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>10</u>
LAND USE: <u>RANGE - Blm</u>	LIFT DEPTH (ft): <u>0.5-2</u>

FIELD NOTES & REMARKS:	NMOCD RANKING SCORE: <u>0</u>	NMOCD TPH CLOSURE STD: <u>5000</u> ppm
DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u>		

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_

SOIL COLOR: \_\_\_\_\_

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: \_\_\_\_\_

HC ODDR DETECTED: YES / NO EXPLANATION: \_\_\_\_\_

SAMPLING DEPTHS (LANDFARMS): \_\_\_\_\_ (INCHES)

SAMPLE TYPE: GRAB / (COMPOSITE) - # OF PTS. 3

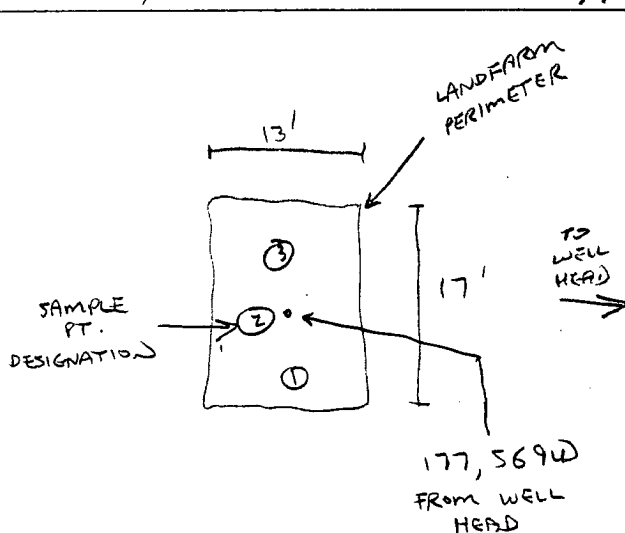
ADDITIONAL COMMENTS: \_\_\_\_\_

CLOSED

### FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

### SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. 53.6 ppm  
 OVM CALIB. GAS = 100 ppm; RF = 0.52  
 TIME: 2:10 am/pm DATE: 3/29/05

### OVM RESULTS

### LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80/58)	1440	97.7

P.C. 5/2/03

SCALE  
  
 0 FT

TRAVEL NOTES: CALLOUT: <u>N/A</u>	ONSITE: <u>3/29/05</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:	LF - 1	Date Reported:	03-31-05
Laboratory Number:	32456	Date Sampled:	03-29-05
Chain of Custody No:	13401	Date Received:	03-30-05
Sample Matrix:	Soil	Date Extracted:	03-30-05
Preservative:	Cool	Date Analyzed:	03-31-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

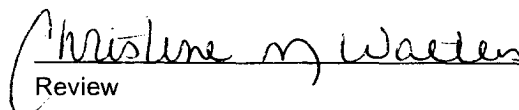
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	97.7	0.1
Total Petroleum Hydrocarbons	97.7	0.2

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: **Florance #26 Landfarm 3 Pt. Composite Sample.**

  
Analyst

  
Review