

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

RCVD NOV 13 2006  
OIL CONS. DIV.

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: BP America Production Company Telephone: (505)326-9200 e-mail address: \_\_\_\_\_  
Address: 200 Energy Ct, Farmington, NM 87401  
Facility or well name: Gen #212E API #: 3004524734 U/L or Qtr/Qtr P Sec 32 T 29N R 12W  
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"/><br>Workover <input type="checkbox"/> Emergency <input type="checkbox"/><br>Lined <input type="checkbox"/> Unlined <input type="checkbox"/><br>Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/><br>Pit Volume _____ bbl | Volume: _____ bbl Type of fluid: _____<br>Construction material: _____<br>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)  |
| 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)  |   | 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:       |
| 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.

roval:

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

Signature Barbara Kroll

Date:

**NOV 13 2006**

APR 300 452 4154

|                   |   |  |
|-------------------|---|--|
| CLIENT: <u>BP</u> | <b>BLAGG ENGINEERING, INC.</b><br>P.O. BOX 87, BLOOMFIELD, NM 87413<br>(505) 632-1199 | LOCATION NO: <u>B1015</u><br>C.O.C. NO: <u>10059</u> |
|-------------------|---|--|

|  |                               |
|--|-------------------------------|
| FIELD REPORT: PIT CLOSURE VERIFICATION | PAGE No: <u>1</u> of <u>1</u> |
|--|-------------------------------|

|  |   |
|--|---|
| LOCATION: NAME: <u>GCU</u> WELL #: <u>21ZE</u> TYPE: <u>SEP</u><br>QUAD/UNIT: <u>P</u> SEC: <u>32</u> TWP: <u>29N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u><br>QTR/FOOTAGE: <u>860'S/1980'E</u> SE/SE CONTRACTOR: <u>FLINT (BEN)</u> | DATE STARTED: <u>7/8/02</u><br>DATE FINISHED: <u>7/9/02</u><br>ENVIRONMENTAL SPECIALIST: <u>JCB</u> |
|--|---|

|  |                           |
|--|---------------------------|
| EXCAVATION APPROX. <u>15</u> FT. x <u>15</u> FT. x <u>10</u> FT. DEEP.                         | CUBIC YARDAGE: <u>50±</u> |
| DISPOSAL FACILITY: <u>ONSITE</u> REMEDIATION METHOD: <u>LF</u>                                 |                           |
| LAND USE: <u>RANGE</u> <sup>STATE</sup> <u>nm</u> LEASE: <u>NM 78391E</u> FORMATION: <u>DK</u> |                           |

|                                      |  |
|--------------------------------------|--|
| FIELD NOTES & REMARKS:               | PIT LOCATED APPROXIMATELY <u>168</u> FT. <u>N75°E</u> FROM WELLHEAD.         |
| DEPTH TO GROUNDWATER: <u>&gt;100</u> | NEAREST WATER SOURCE: <u>&gt;1000</u> NEAREST SURFACE WATER: <u>&gt;1000</u> |
| NMOCB RANKING SCORE: <u>0</u>        | NMOCB TPH CLOSURE STD: <u>5000</u> PPM                                       |

|  |   |
|--|---|
| SOIL AND EXCAVATION DESCRIPTION:<br>SOIL TYPE: <u>SAND</u> SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____<br>SOIL COLOR: <u>ORANGE TAN</u><br>COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE<br>CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / FIRM / DENSE / VERY DENSE<br>PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC<br>DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD<br>MOISTURE: DRY / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED<br>DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>FROM 3'-7' DEPTH</u><br>HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>MODERATE FROM 3'-7'</u><br>SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. _____<br>ADDITIONAL COMMENTS: <u>USE BACKHOE TO DIG PIT x SAMPLE. SET 95 BRL</u><br><u>Steel tank in pit when done.</u> | OVM CALIB. READ: <u>131.2</u> ppm<br>OVM CALIB. GAS = <u>250</u> ppm RF = 0.52<br>TIME: <u>1430</u> am/pm DATE: <u>7-9-02</u> |
|--|---|

SCALE

0 FT

FIELD 418.1 CALCULATIONS

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

PIT PROFILE

PIT PERIMETER

OVM RESULTS

| SAMPLE ID | FIELD HEADSPACE PID (ppm) |
|-----------|---------------------------|
| 1 @ 10'   | 4.5                       |
| 2 @       |                           |
| 3 @       |                           |
| 4 @       |                           |
| 5 @       |                           |

LAB SAMPLES

| SAMPLE ID     | ANALYSIS | TIME |
|---------------|----------|------|
| CCH           | TPH      | 1424 |
| <u>PASSED</u> |          |      |

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

|               |                             |                            |
|---------------|-----------------------------|----------------------------|
| TRAVEL NOTES: | CALLOUT: <u>7/8/02 0800</u> | ONSITE: <u>7/8/02 0900</u> |
|               |                             | <u>7/9/02 1415</u>         |

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

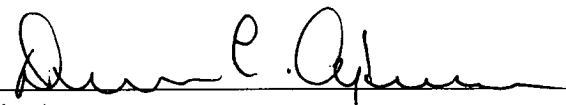
|                      |                 |                     |           |
|----------------------|-----------------|---------------------|-----------|
| Client:              | Blagg / BP      | Project #:          | 94034-010 |
| Sample ID:           | Sep C @ 10'     | Date Reported:      | 07-10-02  |
| Laboratory Number:   | 23260           | Date Sampled:       | 07-09-02  |
| Chain of Custody No: | 10059           | Date Received:      | 07-09-02  |
| Sample Matrix:       | Soil            | Date Extracted:     | 07-10-02  |
| Preservative:        | Cool            | Date Analyzed:      | 07-10-02  |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH  |

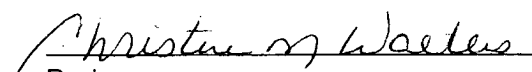
| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | ND                       | 0.2                      |
| Diesel Range (C10 - C28)     | ND                       | 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: GCU 212E.

  
Analyst

  
Review

|                   |   |  |
|-------------------|---|--|
| CLIENT: <u>BP</u> | <b>BLAGG ENGINEERING, INC.</b><br>P.O. BOX 87, BLOOMFIELD, NM 87413<br>(505) 632-1199 | LOCATION NO: <u>81015</u><br>C.O.C. NO: <u>11644</u> |
|-------------------|---|--|

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

|  |   |                                     |
|--|---|-------------------------------------|
| LOCATION: NAME: <u>GCU</u>   | WELL #: <u>21ZE</u> PITS: <u>DEHY. + SEP.</u> | DATE STARTED: <u>1/13/04</u>        |
| QUAD/UNIT: <u>P</u> SEC: <u>32</u> TWP: <u>29N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> |   | DATE FINISHED: _____                |
| QTR/FOOTAGE: _____   | SEISE CONTRACTOR: <u>FINT (BG)</u>            | ENVIRONMENTAL SPECIALIST: <u>NV</u> |

### SOIL REMEDIATION:

|                                    |                                  |
|------------------------------------|----------------------------------|
| REMEDATION SYSTEM: <u>LANDFARM</u> | APPROX. CUBIC YARDAGE: <u>60</u> |
| LAND USE: <u>RANGE</u>             | LIFT DEPTH (ft): <u>0.5-1</u>    |

### FIELD NOTES & REMARKS:

NMCD RANKING SCORE: 0 NMCD TPH CLOSURE STD: 5000 ppm

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

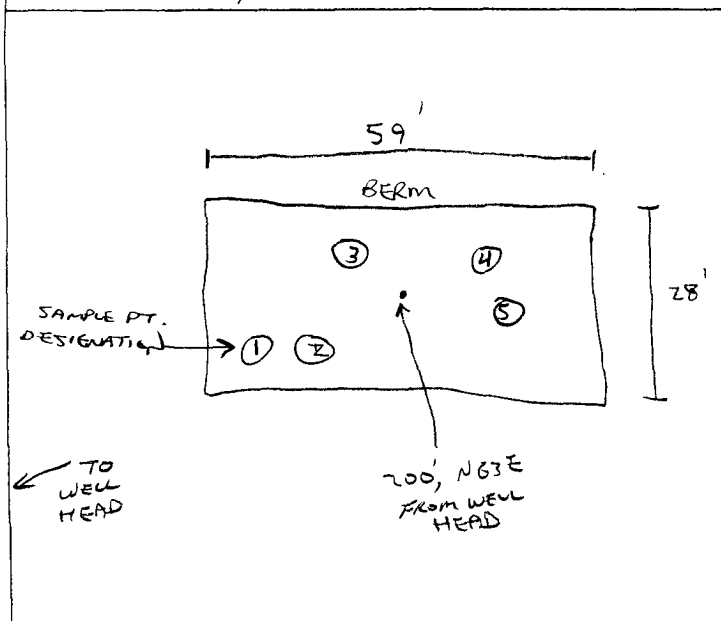
SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_  
 SOIL COLOR: OK. YEL. ORANGE TO MOD. BROWN  
 COHESION (ALL OTHERS): (NON COHESIVE) / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE  
 CONSISTENCY (NON COHESIVE SOILS): (LOOSE) / FIRM / DENSE / VERY DENSE  
 PLASTICITY (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 ODOR DETECTED: YES / (NO) EXPLANATION - \_\_\_\_\_  
 SAMPLING DEPTHS (LANDFARMS): 4-10 (INCHES)  
 SAMPLE TYPE: GRAB / (COMPOSITE) - # OF PTS. 5  
 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. 53.0 ppm  
 OVM CALIB. GAS = 100 ppm; RF = 0.52  
 TIME: 12:30 am/pm DATE: 1/6/04

### OVM RESULTS

### LAB SAMPLES

| SAMPLE ID | FIELD HEADSPACE PID (ppm) | SAMPLE ID | ANALYSIS    | TIME | RESULTS |
|-----------|---------------------------|-----------|-------------|------|---------|
| LF-1      | 0.0                       | LF-1      | TPH (80158) | 0940 | ND      |
|           |                           |           |             |      |         |
|           |                           |           |             |      |         |
|           |                           |           |             |      |         |
|           |                           |           |             |      |         |
|           |                           |           |             |      |         |

P.C. - 7/8/02

### SCALE



TRAVEL NOTES: CALLOUT: N/A

ONSITE: 1/13/04

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

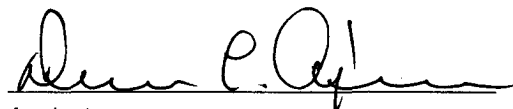
|                      |                 |                     |           |
|----------------------|-----------------|---------------------|-----------|
| Client:              | Blagg / BP      | Project #:          | 94034-010 |
| Sample ID:           | LF-1            | Date Reported:      | 01-15-04  |
| Laboratory Number:   | 27531           | Date Sampled:       | 01-13-04  |
| Chain of Custody No: | 11644           | Date Received:      | 01-14-04  |
| Sample Matrix:       | Soil            | Date Extracted:     | 01-14-04  |
| Preservative:        | Cool            | Date Analyzed:      | 01-15-04  |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH  |

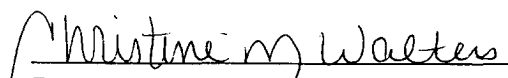
| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | ND                       | 0.2                      |
| Diesel Range (C10 - C28)     | ND                       | 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: **GCU #212E Landfarm 5 Pt. Composite Sample.**

  
Analyst

  
Review