

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  
20 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

**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: BP AMERICA PROD. CO. Telephone: (505) 326-9200  
Address: 200 Energy Court, Farmington, NM 87410  
Facility or well name: HUGHES #7E API #: 30-045-25748 U L or Qtr-Qtr H Sec 19 T 29N R 8W  
County: San Juan Latitude 36.71344 Longitude 107.71105 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☒ BLOW  
Workover ☐ Emergency ☐  
Lined ☐ Unlined ☒  
Liner type: Synthetic ☐ Thickness        mil Clay ☐ Volume        bbl

**Below-grade tank**

Volume:        bbl Type of fluid:         
Construction material: N/A  
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) 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> | <b>0</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: 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: 05/13/04

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:

Date: MAR 26 2007

Printed Name/Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature: [Signature]

3004525748

36.71344

107.71105

|                   |   |  |
|-------------------|---|--|
| CLIENT: <u>BP</u> | <b>BLAGG ENGINEERING, INC.</b><br><b>P.O. BOX 87, BLOOMFIELD, NM 87413</b><br><b>(505) 632-1199</b> | LOCATION NO: <u>B1383</u><br>COCR NO: <u>12071</u> |
|-------------------|---|--|

**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1

LOCATION: NAME: HUGHES WELL #: 7E TYPE: BLOW  
 QUAD/UNIT: H SEC: 19 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM  
 QTR/FOOTAGE: 1490'N/790'E SENE CONTRACTOR: HDI (ONOTRE)

DATE STARTED: 5/12/04  
 DATE FINISHED: \_\_\_\_\_

ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA  
 DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS  
 LAND USE: RANGE - 8LM LEASE: SF 078046 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 114 FT. N70E FROM WELLHEAD.  
 DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'  
 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

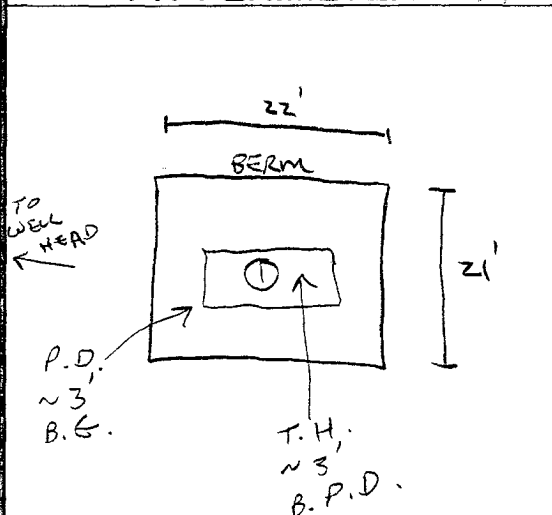
**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ. = 53.0 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 1:50 am/pm DATE: 5/12/04

SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)  
 SOIL COLOR: PALE YELL. ORANGE TO OLIVE GRAY BEDROCK - OLIVE TO LT. GRAY  
 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 CLOSED  
 MOISTURE: DRY / (SLIGHTLY MOIST) / (MOIST) / WET / SATURATED / SUPER SATURATED  
 DISCOLORATION/STAINING OBSERVED: (YES) / NO EXPLANATION - OLIVE GRAY BET. 4'-6' BELOW GRADE & BEDROCK SURF.  
 HC ODOR DETECTED: (YES) / NO EXPLANATION - TEST HOLE & OVM SAMPLE  
 SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS. \_\_\_\_\_  
 ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE, BEDROCK - VERY HARD,  
BEDROCK BOTTOM SLIGHTLY FRIABLE TO COMPETENT.

**FIELD 418.1 CALCULATIONS**

| SCALE | SAMP. TIME | SAMP. ID | LAB NO. | WEIGHT (g) | mL FREON | DILUTION | READING | CALC. (ppm) |
|-------|------------|----------|---------|------------|----------|----------|---------|-------------|
| 0 FT  |            |          |         |            |          |          |         |             |

**PIT PERIMETER** AN**PIT PROFILE****OVM READING**

| SAMPLE ID | FIELD HEADSPACE (ppm) |
|-----------|-----------------------|
| 1 @ 6'    | 103.5                 |
| 2 @       |                       |
| 3 @       |                       |
| 4 @       |                       |
| 5 @       |                       |

**LAB SAMPLES**

| SAMPLE ID | ANALYSIS     | TIME |
|-----------|--------------|------|
| 1 @ 6'    | TPH (8015A)  | 1337 |
| "         | BTEX (8021B) | "    |
| "         | CHLORIDE     | "    |

ALL PASSED

NOT APPLICABLE

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

TRAVEL NOTES: CALLOUT: 5/12/04 - MORN. ONSITE: 5/12/04 - AFTER.

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

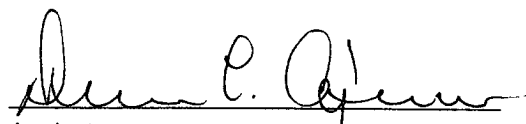
|                      |                 |                     |           |
|----------------------|-----------------|---------------------|-----------|
| Client:              | Blagg / BP      | Project #:          | 94034-010 |
| Sample ID:           | 1 @ 6'          | Date Reported:      | 05-13-04  |
| Laboratory Number:   | 28629           | Date Sampled:       | 05-12-04  |
| Chain of Custody No: | 12071           | Date Received:      | 05-13-04  |
| Sample Matrix:       | Soil            | Date Extracted:     | 05-13-04  |
| Preservative:        | Cool            | Date Analyzed:      | 05-13-04  |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH  |

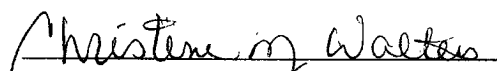
| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | 1.0                      | 0.2                      |
| Diesel Range (C10 - C28)     | 5.0                      | 0.1                      |
| Total Petroleum Hydrocarbons | 6.0                      | 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 #7E Blow 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 @ 6'        | Date Reported:      | 05-13-04  |
| Laboratory Number: | 28629         | Date Sampled:       | 05-12-04  |
| Chain of Custody:  | 12071         | Date Received:      | 05-13-04  |
| Sample Matrix:     | Soil          | Date Analyzed:      | 05-13-04  |
| Preservative:      | Cool          | Date Extracted:     | 05-13-04  |
| Condition:         | Cool & Intact | Analysis Requested: | BTEX      |

| Parameter    | Concentration<br>(ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene      | ND                       | 1.8                      |
| Toluene      | 17.3                     | 1.7                      |
| Ethylbenzene | 11.3                     | 1.5                      |
| p,m-Xylene   | 239                      | 2.2                      |
| o-Xylene     | 59.4                     | 1.0                      |
| Total BTEX   | 327                      |                          |

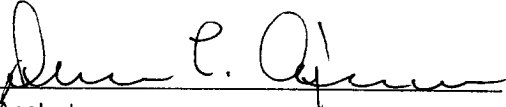
ND - Parameter not detected at the stated detection limit.

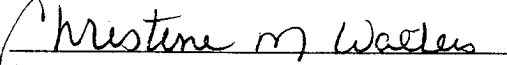
| Surrogate Recoveries: | Parameter           | Percent Recovery |
|-----------------------|---------------------|------------------|
|                       | Fluorobenzene       | 97 %             |
|                       | 1,4-difluorobenzene | 97 %             |
|                       | Bromochlorobenzene  | 97 %             |

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 #7E Blow Pit Grab Sample.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

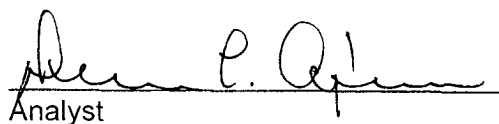
## Total Chloride

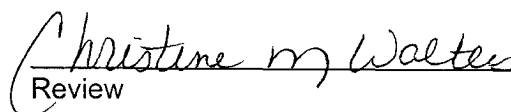
|                |                 |                   |           |
|----------------|-----------------|-------------------|-----------|
| Client:        | Blagg / BP      | Project #:        | 94034-010 |
| Sample ID:     | 1 @ 6'          | Date Reported:    | 05-13-04  |
| Lab ID#:       | 28629           | Date Sampled:     | 05-12-04  |
| Sample Matrix: | Soil            | Date Received:    | 05-13-04  |
| Preservative:  | Cool            | Date Analyzed:    | 05-13-04  |
| Condition:     | Cool and Intact | Chain of Custody: | 12071     |

| Parameter      | Concentration (mg/Kg) |
|----------------|-----------------------|
| Total Chloride | 10.0                  |

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

Comments: Hughes #7E Blow Pit Grab Sample.

  
Analyst

  
Review