

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 03 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: CORNEL DUDLEY A #1 API #: 3004508661 U/L or Qtr/Qtr 0 Sec 1 T 29 N R 12 W
County: San Juan Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

| | |
|---|--|
| Pit 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 | Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ 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) <u>0</u> |
| 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) <u>0</u> |
| 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) <u>0</u> |
| 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.

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|----------------------------|
| Additional Comments: |
| See Attached Documentation |
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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.

royal: DEPUTY OIL & GAS INSPECTOR, DIST. 4

Signature Bob Roll

Date: NOV 03 2006

| | | |
|-------------------|--|--|
| CLIENT: <u>BP</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>81035</u> C.O.C. NO: <u>10074</u> |
|-------------------|--|--|

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

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|--|---|
| LOCATION: NAME: <u>DUDLEY CORNELL A</u> WELL #: <u>1</u> TYPE: <u>SEP</u> | DATE STARTED: <u>7-16-02</u> DATE FINISHED: <u>7-16-02</u> |
| QUAD/UNIT: <u>0 SEC: 1</u> TWP: <u>29N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> | ENVIRONMENTAL SPECIALIST: <u>JCB</u> |
| QTR/FOOTAGE: <u>1190' FS / 1650' EL</u> SWISS CONTRACTOR: <u>FLINT (BEN)</u> | |

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| EXCAVATION APPROX. <u>21</u> FT. x <u>18</u> FT. x <u>6</u> FT. DEEP. CUBIC YARDAGE: <u>60+</u> |
| DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LF</u> |
| LAND USE: <u>RANGE - BLN</u> LEASE: <u>MSF 065557A</u> FORMATION: <u>DK</u> |

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| FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>153</u> FT. <u>S42°E</u> FROM WELLHEAD. |
| DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u> |
| NMCD RANKING SCORE: <u>0</u> NMCD TPH CLOSURE STD: <u>5000</u> PPM |

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| SOIL AND EXCAVATION DESCRIPTION: | OVM CALIB. READ: <u>130.0</u> ppm OVM CALIB. GAS = <u>250</u> ppm RF = <u>0.52</u> TIME <u>NOON</u> am/pm DATE: <u>7-16-02</u> |
| SOIL TYPE: SAND / <u>SILTY SAND</u> SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>SANDSTONE Bedrock</u> | |
| SOIL COLOR: <u>TAN W/ GRAY STREAKS</u> | |
| COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE | |
| CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / 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 / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED | |
| DISCOLORATION/STAINING OBSERVED: <u>YES</u> NO EXPLANATION - <u>GRAY STREAKING</u> | |
| HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>Very minor</u> | |
| SAMPLE TYPE: <u>GRAB</u> / COMPOSITE # OF PTS. <u>1</u> | |
| ADDITIONAL COMMENTS: <u>USE BACKHOLE TO DIG PIT TO BEDROCK</u> | |
| <u>BEDROCK Bottom</u> | |

| SCALE 0 FT | FIELD 418.1 CALCULATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|------------|-------------|-----------|------------|-----------|-----------|---------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | <table border="1"> <tr> <th>SAMP. TIME</th> <th>SAMPLE I.D.</th> <th>LAB No:</th> <th>WEIGHT (g)</th> <th>mL. FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. ppm</th> </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> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> | SAMP. TIME | SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAMP. TIME | SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PIT PERIMETER 9 | OVM RESULTS | PIT PROFILE | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------|---------------------------|--------|----|-----|--|-----|--|-----|--|-----|--|-----------|----------|------|-----|-----|------|-----------------|--|--|--|
| <p>TO wellhead</p> <p>sample A</p> <p>18'</p> <p>21'</p> | <table border="1"> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> <tr><td>1 @ 6'</td><td>93</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> </table> <table border="1"> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> <tr><td>C60</td><td>TPM</td><td>1730</td></tr> <tr><td colspan="3"><u>ASSESSED</u></td></tr> </table> | SAMPLE ID | FIELD HEADSPACE PID (ppm) | 1 @ 6' | 93 | 2 @ | | 3 @ | | 4 @ | | 5 @ | | SAMPLE ID | ANALYSIS | TIME | C60 | TPM | 1730 | <u>ASSESSED</u> | | | <p>STREAKING</p> <p>18'</p> <p>DENSE SANDSTONE BEDROCK</p> |
| SAMPLE ID | FIELD HEADSPACE PID (ppm) | | | | | | | | | | | | | | | | | | | | | | |
| 1 @ 6' | 93 | | | | | | | | | | | | | | | | | | | | | | |
| 2 @ | | | | | | | | | | | | | | | | | | | | | | | |
| 3 @ | | | | | | | | | | | | | | | | | | | | | | | |
| 4 @ | | | | | | | | | | | | | | | | | | | | | | | |
| 5 @ | | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLE ID | ANALYSIS | TIME | | | | | | | | | | | | | | | | | | | | | |
| C60 | TPM | 1730 | | | | | | | | | | | | | | | | | | | | | |
| <u>ASSESSED</u> | | | | | | | | | | | | | | | | | | | | | | | |

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| TRAVEL NOTES: CALLOUT: <u>7-16-02 1015</u> ONSITE: <u>7-16-02 1115</u> <u>4 1715</u> |
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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 @ 6' | Date Reported: | 07-19-02 |
| Laboratory Number: | 23310 | Date Sampled: | 07-16-02 |
| Chain of Custody No: | 10074 | Date Received: | 07-17-02 |
| Sample Matrix: | Soil | Date Extracted: | 07-17-02 |
| Preservative: | Cool | Date Analyzed: | 07-19-02 |
| 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) | 18.2 | 0.1 |
| Total Petroleum Hydrocarbons | 18.2 | 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: **Dudley Cornell A #1.**


Analyst


Review

CLIENT: BPBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO 81035C.O.C. NO: 13396

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: Corbett Dudley A WELL #: 1 PITS: PROD., SEP.DATE STARTED: 3/22/05QUAD/UNIT: 0 SEC: 1 TWP: 29N RNG: 12W PM: NM CNTY: ST ST: NM

DATE FINISHED: _____

QTR/FOOTAGE: _____ SWISE CONTRACTOR: FLINTENVIRONMENTAL
SPECIALIST: NV

SOIL REMEDIATION:

92

REMEDATION SYSTEM: LANDFARM

APPROX. CUBIC YARDAGE: _____

LAND USE: RANGE - BURNLIFT DEPTH (ft): 1-2

FIELD NOTES & REMARKS:

NMDCD RANKING SCORE: 0 NMDCD TPH CLOSURE STD: 5000 ppmDEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____SOIL COLOR: PALE YEL. DRANGE TO MED. 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

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION: VARYING GRAY IN SAMP. PTS. ③, ④, & ⑤HC ODOR DETECTED: YES / NO EXPLANATION: _____SAMPLING DEPTHS (LANDFARMS): 12-18 (INCHES)SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5

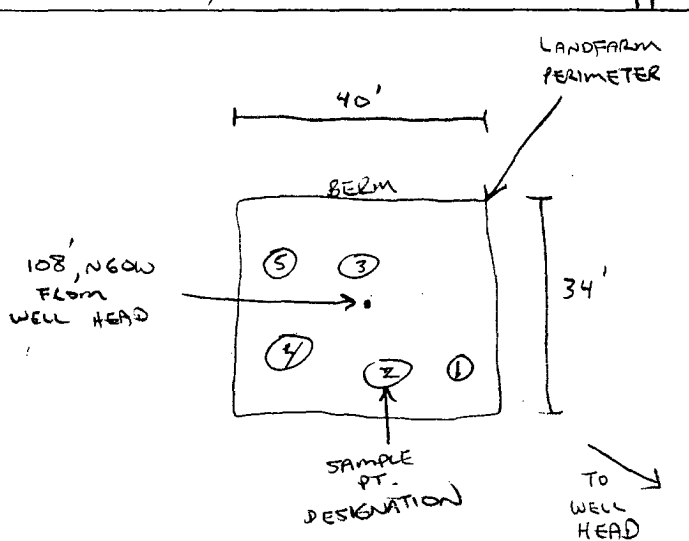
ADDITIONAL COMMENTS: _____

CLOSED

FIELD 418.1 CALCULATIONS

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

OVM CALIB. READ. 51.5 ppm
OVM CALIB. GAS = 100 ppm; RF = 0.52
TIME: 9:15 am DATE: 3/22/05

OVM RESULTS

LAB SAMPLES

| SAMPLE ID | FIELD HEADSPACE PID (ppm) | SAMPLE ID | ANALYSIS | TIME | RESULTS |
|-----------|---------------------------|-----------|-------------|------|---------|
| LF-1 | 0.0 | LF-1 | TPH (80158) | 1005 | 854 |
| | | | | | |
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| | | | | | |
| | | | | | |

P.C. - 7/16/02

SCALE

0 FTTRAVEL NOTES: CALLOUT: N/AONSITE: 3/22/05

revised: 07/16/01

bei1006A.skd

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

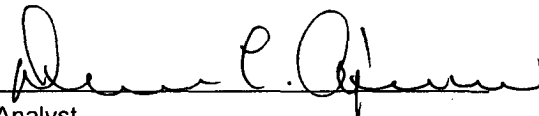
| | | | |
|----------------------|-----------------|---------------------|-----------|
| Client: | Blagg / BP | Project #: | 94034-010 |
| Sample ID: | LF - 1 | Date Reported: | 03-23-05 |
| Laboratory Number: | 32419 | Date Sampled: | 03-22-05 |
| Chain of Custody No: | 13396 | Date Received: | 03-22-05 |
| Sample Matrix: | Soil | Date Extracted: | 03-22-05 |
| Preservative: | Cool | Date Analyzed: | 03-23-05 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

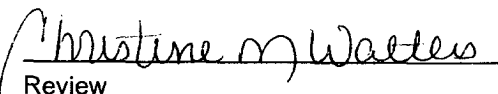
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | 2.4 | 0.2 |
| Diesel Range (C10 - C28) | 852 | 0.1 |
| Total Petroleum Hydrocarbons | 854 | 0.2 |

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: **Cornell Dudley A #1 - Landfarm 5 Pt. Composite Sample.**


Analyst


Review