

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 ☐


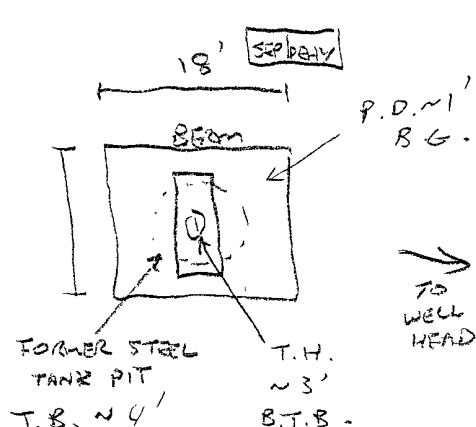
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

| | | |
|--|---|---|
| Operator: <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505)-326-9200</u> e-mail address: _____ | | |
| Address: <u>200 ENERGY COURT, FARMINGTON, NM 87410</u> | | |
| Facility or well name: <u>TAPP LS #3</u> API #: <u>30-045- 07425</u> U/L or Qtr/Qtr <u>L</u> Sec <u>15</u> T <u>28N</u> R <u>8W</u> | | |
| County: <u>SAN JUAN</u> Latitude <u>36.65866</u> Longitude <u>107.67398</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/> | | |
| RCUD APR 30 07 | | |
| Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> <u>DEHY./SEP.</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> <u>STEEL TANK</u> 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: <u>N/A</u> Double-walled, with leak detection? Yes <input checked="" type="checkbox"/> If not, explain why not. _____ OIL CONS. DIV. DIST. 3 | |
| Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) | Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more | (20 points) (10 points) 20 (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 No | (20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more | (20 points) (10 points) 10 (0 points) |
| Ranking Score (Total Points) | | 30 |

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 | <u>PIT LOCATED APPROXIMATELY 147 FT. S68W FROM WELL HEAD.</u> |
| PIT EXCAVATION: WIDTH | <u>N/A ft.</u> , LENGTH <u>N/A ft.</u> , DEPTH <u>N/A ft.</u> |
| PIT REMEDIATION: CLOSE AS IS: | <input checked="" type="checkbox"/> LANDFARM: <input type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain) |
| Cubic yards: | <u>N/A</u> |

| | | |
|--|--|------------------------------|
| 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 <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an alternative OCD-approved plan <input checked="" type="checkbox"/> . | | |
| Date: | <u>04/19/06</u> | |
| Printed Name/Title | <u>Jeff Blagg - P.E. # 11607</u> | Signature <u>[Signature]</u> |
| 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: | <u>Deputy Oil & Gas Inspector,</u> | Date: <u>AUG 01 2007.</u> |
| Printed Name/Title | <u>District #3</u> | Signature <u>[Signature]</u> |

| CLIENT: <u>BP</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>81768</u> COCR NO: <u>14624</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|-----------------------|----------|------------|----------|-------------|---------|-------------|-----|--|-----|--|--|--|--|--|--|--|--|--|--|--|-----------|----------|------|-----|-------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|----------------|
| FIELD REPORT: PIT CLOSURE VERIFICATION | | PAGE No: <u>1</u> of <u>1</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION: NAME: <u>TAPP LS</u> WELL # <u>3</u> TYPE: <u>DEHY. / SEP.</u> QUAD/UNIT <u>L</u> SEC. <u>15</u> TWP. <u>28N</u> RING: <u>5W</u> PM NM CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>16505/990'W</u> NW/SW CONTRACTOR: <u>HOLZ (EDGAR)</u> | | DATE STARTED <u>4/12/06</u> DATE FINISHED _____ ENVIRONMENTAL SPECIALIST <u>NV</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAND USE: <u>RANGE</u> LEASE: <u>SP 078499</u> FORMATION: <u>MV</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>147</u> FT. <u>568W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER <u>< 50'</u> NEAREST WATER SOURCE: <u>> 1,000'</u> NEAREST SURFACE WATER: <u>> 1,000'</u> NMOC D RANKING SCORE <u>30</u> NMOC D TPH CLOSURE STD: <u>100</u> PPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOIL AND EXCAVATION DESCRIPTION: | | OVM CALIB. READ. = <u>53.5</u> ppm OVM CALIB GAS = <u>100</u> ppm RF = 0.52 TIME: <u>53.5</u> ampm DATE: <u>4/12/06</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>DRY YELL. BROWN</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE / FIRM</u> DENSE / VERY DENSE PLASTICITY (CLAYS): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD MOISTURE: <u>DRY</u> / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED. YES / <u>NO</u> EXPLANATION - _____ HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION - _____ SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS _____ ADDITIONAL COMMENTS: <u>STEEL TANK REMOVED WHILE ON-SITE.</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD 418.1 CALCULATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE  0 FT | <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> | 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PIT PERIMETER | OVM READING | PIT PROFILE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | <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 @ 7'</td><td>0.0</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> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> <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>127</td> <td>TPH (80158)</td> <td>10/11</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | SAMPLE ID | FIELD HEADSPACE (ppm) | 1 @ 7' | 0.0 | 2 @ | | 3 @ | | 4 @ | | 5 @ | | | | | | | | | | | | SAMPLE ID | ANALYSIS | TIME | 127 | TPH (80158) | 10/11 | | | | | | | | | | | | | NOT APPLICABLE |
| SAMPLE ID | FIELD HEADSPACE (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 @ 7' | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 5 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SAMPLE ID | ANALYSIS | TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | TPH (80158) | 10/11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| P.D. = PIT DEPRESSION, B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE, ~ = APPROX., T.B. = TANK BOTTOM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRAVEL NOTES: CALLOUT: <u>4/12/06 - morn.</u> ONSITE: <u>4/12/06 - morn.</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

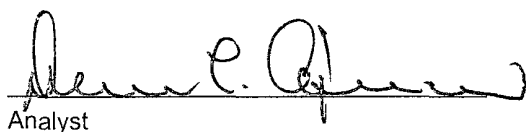
| | | | |
|----------------------|-----------------|---------------------|-----------|
| Client: | Blagg / BP | Project #: | 94034-010 |
| Sample ID: | 1 @ 7' | Date Reported: | 04-13-06 |
| Laboratory Number: | 36761 | Date Sampled: | 04-12-06 |
| Chain of Custody No: | 14624 | Date Received: | 04-12-06 |
| Sample Matrix: | Soil | Date Extracted: | 04-12-06 |
| Preservative: | Cool | Date Analyzed: | 04-13-06 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

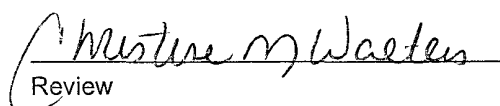
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

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: **Tapp LS #3 Deyhydrator/Separator Pit Grab Sample.**


Analyst


Review

CHAIN OF CUSTODY RECORD

14624

| | | | | | | | | | | | | | |
|---|----------------|-------------|---------------------------------------|---------------------|--|----------|--|--|--|------------------------|---|---|-----|
| Client / Project Name BLAGE / BP | | | Project Location TAPP LS #3 | | ANALYSIS / PARAMETERS | | | | | | | | |
| Sampler: NV | | | Client No. 94034-010 | | No. of Containers TPH (30158) | | | | | | Remarks PRESERVED COOL GRAB SAMPLES | | |
| Sample No./ Identification | Sample Date | Sample Time | Lab Number | Sample Matrix | | | | | | | | | |
| ① @ 7' | 4/12/06 | 1011 | 36761 | SOIL | 1 | ✓ | | | | | DEHYDRATOR / SEPARATOR PIT | | |
| ① @ 8' | 4/12/06 | 1014 | 36762 | SOIL | 1 | ✓ | | | | | blow Pit | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| Relinquished by: (Signature) <i>[Signature]</i> | | | Date 4/12/06 | Time 1411 | Received by: (Signature) <i>[Signature]</i> | | | | | Date 4/12/06 | Time 1411 | | |
| Relinquished by: (Signature) | | | | | Received by: (Signature) | | | | | | | | |
| Relinquished by: (Signature) | | | | | Received by: (Signature) | | | | | | | | |
| ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 | | | | | | | | | | Sample Receipt | | | |
| | | | | | | | | | | | Y | N | N/A |
| | | | | | | | | | | Received Intact | <input checked="" type="checkbox"/> | | |
| | | | | | | | | | | Cool - Ice/Blue Ice | <input checked="" type="checkbox"/> | | |

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

| | | | |
|--------------------|--------------------|---------------------|----------|
| Client: | QA/QC | Project #: | N/A |
| Sample ID: | 04-13-06 QA/QC | Date Reported: | 04-13-06 |
| Laboratory Number: | 36745 | Date Sampled: | N/A |
| Sample Matrix: | Methylene Chloride | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 04-13-06 |
| Condition: | N/A | Analysis Requested: | TPH |

| | I-Cal Date | I-Cal RF | C-Cal RF | % Difference | Accept. Range |
|-------------------------|------------|-------------|-------------|--------------|---------------|
| Gasoline Range C5 - C10 | 02-04-05 | 1.0075E+003 | 1.0085E+003 | 0.10% | 0 - 15% |
| Diesel Range C10 - C28 | 02-04-05 | 9.9844E+002 | 1.0004E+003 | 0.20% | 0 - 15% |

| Blank Conc. (mg/L - mg/Kg) | Concentration | Detection Limit |
|------------------------------|---------------|-----------------|
| Gasoline Range C5 - C10 | ND | 0.2 |
| Diesel Range C10 - C28 | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

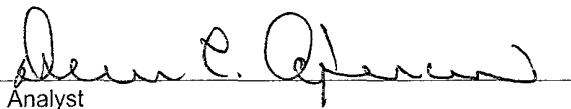
| Duplicate Conc. (mg/Kg) | Sample | Duplicate | % Difference | Accept. Range |
|-------------------------|--------|-----------|--------------|---------------|
| Gasoline Range C5 - C10 | ND | ND | 0.0% | 0 - 30% |
| Diesel Range C10 - C28 | ND | ND | 0.0% | 0 - 30% |

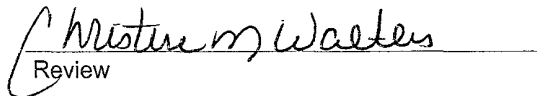
| Spike Conc. (mg/Kg) | Sample | Spike Added | Spike Result | % Recovery | Accept. Range |
|-------------------------|--------|-------------|--------------|------------|---------------|
| Gasoline Range C5 - C10 | ND | 250 | 250 | 100.0% | 75 - 125% |
| Diesel Range C10 - C28 | ND | 250 | 250 | 100.0% | 75 - 125% |

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: QA/QC for Samples 36745 - 36750, 36761 - 36762.


Analyst


Review