

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>CASE A #3</u> API #: <u>30-045- 23433</u> U/L or Qtr/Qtr <u>K</u> Sec <u>5</u> T <u>31N</u> R <u>11W</u> | | |
| County: <u>SAN JUAN</u> Latitude <u>36.92417</u> Longitude <u>108.01569</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"/> | | |
| Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>SEPARATOR</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" 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: <u>N/A</u> Construction material: <u>N/A</u> 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 50 feet or more, but less than 100 feet 100 feet or more | (20 points) (10 points) <u>0</u> (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) <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 200 feet or more, but less than 1000 feet 1000 feet or more | (20 points) (10 points) <u>0</u> (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 your 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 93 FT. N67W FROM WELL HEAD</u> |
| <u>PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft.</u> |
| <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)</u> |
| Cubic yards: <u>N/A</u> |
| <u>BEDROCK BOTTOM</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 ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 07/14/05

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: DEPUTY OIL & GAS INSPECTOR, DIST. 4
Printed Name/Title

Signature [Signature]

Date: FEB 28 2006

| | | |
|-------------------|---|--|
| CLIENT: <u>BP</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>81564</u> COCR NO: <u>13909</u> |
|-------------------|---|--|

| | | |
|---|--|-------------------------------|
| FIELD REPORT: PIT CLOSURE VERIFICATION | | PAGE No: <u>1</u> of <u>1</u> |
| LOCATION: NAME: <u>CASE A</u> WELL #: <u>3</u> TYPE: <u>SEP.</u> QUAD/UNIT: <u>K SEC: 5 TWP: 31N RNG: 11W PM: NNM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1510'S / 1620'W</u> <u>NEBW</u> CONTRACTOR: <u>P+S (Rolander)</u> | DATE STARTED: <u>7/8/05</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 - BLM</u> LEASE: <u>SF 078095</u> FORMATION: <u>OK</u> | | |
| FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>93</u> FT. <u>N67W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1,000'</u> NEAREST SURFACE WATER: <u>>1,000'</u> NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5,000</u> PPM | | |
| SOIL AND EXCAVATION DESCRIPTION: <div style="float: right; border: 1px solid black; padding: 5px; margin-top: -20px;"> OVM CALIB. READ. = <u>53.3</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>8:35</u> am/pm DATE: <u>7/8/05</u> </div> SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>LT. GRAY TO BLACK</u> <u>BEDROCK - LT. GRAY</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 CLOSED MOISTURE: DRY / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>TEST HOLE & BEDROCK SURFACE</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>TEST HOLE & OVM SAMPLE</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. _____ ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM SOIL ABOVE BEDROCK. BEDROCK - VERY HARD, SLIGHTLY FRABLE TO COMPETENT.</u> <div style="border: 1px solid black; padding: 2px; display: inline-block;">BEDROCK BOTTOM</div> | | |

| FIELD 418.1 CALCULATIONS | | | | | | | | |
|--------------------------|------------|----------|---------|------------|----------|----------|---------|-------------|
| SCALE | SAMP. TIME | SAMP. ID | LAB NO. | WEIGHT (g) | mL FREON | DILUTION | READING | CALC. (ppm) |
| 0 FT | | | | | | | | |

| PIT PERIMETER | PIT PROFILE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|-------------|--|-----------|-----------------------|--------|-----|-----|--|-----|--|-----|--|-----|--|-------------|--|--|-----------|----------|------|--------|-------------|------|---|--------------|---|--------|--|--|
| | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">OVM READING</th> </tr> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> </tr> <tr><td>1 @ 4'</td><td>258</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" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: center;">LAB SAMPLES</th> </tr> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> <tr> <td>1 @ 4'</td> <td>TPH (80153)</td> <td>1331</td> </tr> <tr> <td>"</td> <td>BTEX (80218)</td> <td>"</td> </tr> <tr> <td colspan="3" style="text-align: center; border: 2px solid black; border-radius: 10px;">PASSED</td> </tr> </table> <p style="text-align: center; font-size: 1.2em;">NOT APPLICABLE</p> | OVM READING | | SAMPLE ID | FIELD HEADSPACE (ppm) | 1 @ 4' | 258 | 2 @ | | 3 @ | | 4 @ | | 5 @ | | LAB SAMPLES | | | SAMPLE ID | ANALYSIS | TIME | 1 @ 4' | TPH (80153) | 1331 | " | BTEX (80218) | " | PASSED | | |
| OVM READING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLE ID | FIELD HEADSPACE (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 @ 4' | 258 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAB SAMPLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLE ID | ANALYSIS | TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 @ 4' | TPH (80153) | 1331 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| " | BTEX (80218) | " | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PASSED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

| | |
|---------------|--|
| TRAVEL NOTES: | CALLOUT: <u>7/8/05-LATE MORN.</u> ONSITE: <u>7/8/05-AFTER.</u> |
|---------------|--|

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

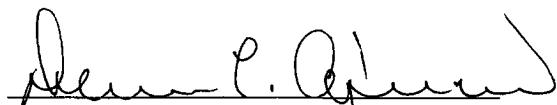
| | | | |
|----------------------|-----------------|---------------------|-----------|
| Client: | Blagg / BP | Project #: | 94034-010 |
| Sample ID: | 1 @ 4' | Date Reported: | 07-14-05 |
| Laboratory Number: | 33604 | Date Sampled: | 07-08-05 |
| Chain of Custody No: | 13909 | Date Received: | 07-12-05 |
| Sample Matrix: | Soil | Date Extracted: | 07-12-05 |
| Preservative: | Cool | Date Analyzed: | 07-14-05 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

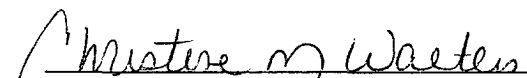
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

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: **Case A #3 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 @ 4' | Date Reported: | 07-14-05 |
| Laboratory Number: | 33604 | Date Sampled: | 07-08-05 |
| Chain of Custody: | 13909 | Date Received: | 07-12-05 |
| Sample Matrix: | Soil | Date Analyzed: | 07-14-05 |
| Preservative: | Cool | Date Extracted: | 07-12-05 |
| Condition: | Cool & Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene | ND | 2.1 |
| Toluene | 23.5 | 1.8 |
| Ethylbenzene | 5.6 | 1.7 |
| p,m-Xylene | 60.4 | 1.5 |
| o-Xylene | 25.1 | 2.2 |
| Total BTEX | 115 | |

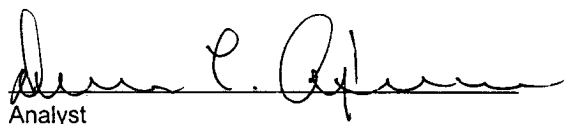
ND - Parameter not detected at the stated detection limit.

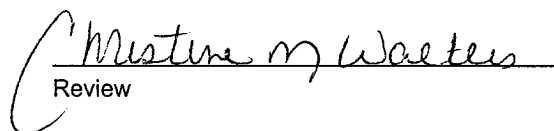
| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|---------------------|------------------|
| | Fluorobenzene | 98.0 % |
| | 1,4-difluorobenzene | 98.0 % |
| | Bromochlorobenzene | 98.0 % |

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: Case A #3 Separator Pit Grab Sample.


Analyst


Review

District I
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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>CASE A #3</u> API #: <u>30-045-23433</u> U/L or Qtr/Qtr <u>K</u> Sec <u>5</u> T <u>31N</u> R <u>11W</u> | | |
| County: <u>SAN JUAN</u> Latitude <u>36.92417</u> Longitude <u>108.01569</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"/> | | |
| Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>BLOW</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" 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: <u>N/A</u> Construction material: <u>N/A</u> 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.

| |
|--|
| Additional Comments: <u>PIT LOCATED APPROXIMATELY 66 FT. S22W FROM WELL HEAD.</u> |
| <u>PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft.</u> |
| <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)</u> |
| Cubic yards: <u>N/A</u> |
| <u>NO TPH ANALYSIS CONDUCTED</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 ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 07/08/05

Printed Name/Title Jeff Blagg - P.E. # 11607

Signature Jeff 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

Signature Denny Fort

Date: FEB 2 2006

DEPUTY OIL & GAS INSPECTOR, DIST. 3

| | | |
|--|---|--|
| CLIENT: <u>BP</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>B1564</u> COCR NO: <u>—</u> |
| FIELD REPORT: PIT CLOSURE VERIFICATION | | PAGE No: <u>1</u> of <u>1</u> |
| LOCATION: NAME: <u>CASE A</u> WELL #: <u>3</u> TYPE: <u>BLOW</u> QUAD/UNIT: <u>K SEC: 5 TWP: 31N RNG: 11W PMNM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>510'S 1620'W NELSW</u> CONTRACTOR: <u>PAS (BLANDER)</u> | | DATE STARTED: <u>7/8/05</u> DATE FINISHED: <u>—</u> 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 - BLM</u> LEASE: <u>SF 078095</u> FORMATION: <u>DK</u> | | |
| FIELD NOTES & REMARKS: | | |
| PIT LOCATED APPROXIMATELY <u>66</u> FT. <u>S22W</u> FROM WELLHEAD. | | |
| DEPTH TO GROUNDWATER: <u>2100'</u> NEAREST WATER SOURCE: <u>2100'</u> NEAREST SURFACE WATER: <u>21000</u> | | |
| NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM | | |
| SOIL AND EXCAVATION DESCRIPTION: | | OVM CALIB. READ. = <u>53.3</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>8:35</u> am/pm DATE: <u>7/7/05</u> |
| SOIL TYPE: <u>(SAND)</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER | | |
| SOIL COLOR: <u>PALE YELL. ORANGE TO OLIVE GRAY</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: YES / <u>(NO)</u> EXPLANATION - | | |
| HC ODOR DETECTED: YES / <u>(NO)</u> EXPLANATION - | | |
| SAMPLE TYPE: <u>(GRAB)</u> / COMPOSITE - # OF PTS. <u>—</u> | | |
| ADDITIONAL COMMENTS: <u>NO TPH ANALYSIS WAS CONDUCTED.</u> | | |

| FIELD 418.1 CALCULATIONS | | | | | | | | |
|--------------------------|------------|----------|---------|------------|----------|----------|---------|-------------|
| SCALE | SAMP. TIME | SAMP. ID | LAB NO. | WEIGHT (g) | mL FREON | DILUTION | READING | CALC. (ppm) |
| 0 FT | | | | | | | | |

PIT PERIMETER

OVM READING

| SAMPLE ID | FIELD HEADSPACE (ppm) |
|-----------|-----------------------|
| 1 @ 7' | 0.0 |
| 2 @ | |
| 3 @ | |
| 4 @ | |
| 5 @ | |

LAB SAMPLES

| SAMPLE ID | ANALYSIS | TIME |
|-----------|----------|------|
| | — | 1325 |

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 7/8/05 - LATE MORNING ONSITE: 7/8/05 - AFTER

District I
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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>CASE A #3</u> API #: <u>30-045- 23433</u> U/L or Qtr/Qtr <u>K</u> Sec <u>5</u> T <u>31N</u> R <u>11W</u> | | |
| County: <u>SAN JUAN</u> Latitude <u>36.92417</u> Longitude <u>108.01569</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"/> | | |
| Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> PRODUCTION TANK Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" 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 50 feet or more, but less than 100 feet 100 feet or more | (20 points) (10 points) (0 points) 0 |
| 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) (0 points) 0 |
| 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: <u>PIT LOCATED APPROXIMATELY 141 FT. N18W FROM WELL HEAD</u> |
| <u>PIT EXCAVATION: WIDTH N/A ft. , LENGTH N/A ft. , DEPTH N/A ft. .</u> |
| <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) _____</u> |
| Cubic yards: <u>N/A</u> |
| <u>BEDROCK BOTTOM, NO TPH ANALYSIS CONDUCTED</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 ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 07/08/05

Printed Name/Title Jeff Blagg - P.E. # 11607

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

Signature _____

Date: FEB 28 2006

| | | |
|-------------------|---|---|
| CLIENT: <u>BP</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>B1564</u> COCR NO: <u> </u> |
|-------------------|---|---|

FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: CASE A WELL #: 3 TYPE: PROD. TANK
 QUAD/UNIT: K SEC: 5 TWP: 31N RNG: 11W PM: NM CNTY: SJ ST: NM
 QTR/FOOTAGE: 1510'S/1620'W NE/SW CONTRACTOR: P+S (ROLANDER)

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 - BLN LEASE: SF 078095 FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 141 FT. N18W FROM WELLHEAD.
 DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1,000' NEAREST SURFACE WATER: >1,000'
 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPM

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)
 SOIL COLOR: PALE YELL. ORANGE TO OLIVE GRAY BEDROCK - OLIVE 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 -
 HC ODOR DETECTED: YES NO EXPLANATION -
 SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS.
 ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - VERY HARD, SLIGHTLY FRAGILE TO COMPETENT. NO TPH ANALYSIS WAS CONDUCTED.
BEDROCK BOTTOM

OVM CALIB. READ. = 53.3 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 8:35 am/pm DATE: 7/8/05

CLOSED

SCALE

0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER

OVM READING

| SAMPLE ID | FIELD HEADSPACE (ppm) |
|-----------|-----------------------|
| 1 @ 4' | 0.0 |
| 2 @ | |
| 3 @ | |
| 4 @ | |
| 5 @ | |
| | |
| | |
| | |
| | |
| | |

PIT PROFILE

NOT APPLICABLE

LAB SAMPLES

| SAMPLE ID | ANALYSIS | TIME |
|-----------|----------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

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

TRAVEL NOTES: CALLOUT: 7/8/05 - LATE MORN. ONSITE: 7/8/05 - AFTER.