

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

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

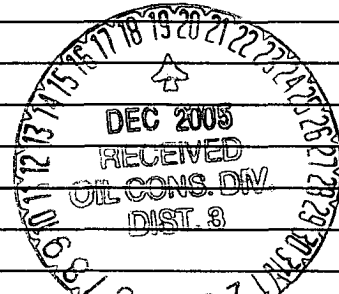
Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

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

| | | |
|---|--|-------------|
| Operator: <u>BP America Production Company</u> Telephone: <u>(505)326-9200</u> e-mail address: _____ | | |
| Address: <u>200 Energy Ct. Farmington, NM 87401</u> | | |
| Facility or well name: <u>Burnham G.C. #1</u> API #: <u>3004508456</u> U/L or Qtr/Qtr <u>M</u> Sec <u>12</u> T <u>29N</u> R <u>13W</u> | | |
| County: <u>San Juan</u> Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> | | |
| Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/> | | |
| 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) |
| 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) | | |

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 |
| |
| |
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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.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title

Signature Bob Rell

Date: DEC 19 2005

3004508456

36.73584 108.16252

| CLIENT: <u>BP</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>81076</u> COCR NO: <u>10272</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|-----------------------|----------|----------|-------------|-------------|----------|--------------|-------------|--------------------|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| FIELD REPORT: PIT CLOSURE VERIFICATION | | PAGE No: <u>1</u> of <u>1</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION: NAME: <u>BURNHAM GC</u> WELL#: <u>1</u> TYPE: <u>ABAN. SEP.</u> QUAD/UNIT: <u>M SEC: 12 TWP: 29N RNG: 13W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>870'S/1180'W</u> SWSW CONTRACTOR: <u>FWT (BEN)</u> | | DATE STARTED: <u>10/9/02</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXCAVATION APPROX. <u>19</u> FT. x <u>16</u> FT. x <u>8</u> FT. DEEP. CUBIC YARDAGE: <u>90</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARMED</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAND USE: <u>RANGE/INDUSTRIAL</u> LEASE: <u>FEE</u> FORMATION: <u>DK</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>120</u> FT. <u>S71E</u> FROM WELLHEAD. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOIL AND EXCAVATION DESCRIPTION: ELEV. <u>5583'</u> | | OVM CALIB. READ. = <u>50.2</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>9:48</u> am/pm DATE: <u>10/8/02</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>ALL BEDROCK (SANDSTONE)</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOIL COLOR: <u>BEDROCK - PALE YELL. ORANGE TO BLACK</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 / <u>MOIST</u> / WET / SATURATED / SUPER SATURATED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>BOTTOM 1/2 OF EXCAVATION & PIT BOTTOM</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>WITHIN EXCAVATION & OVM SAMPLE</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLE TYPE: <u>GRAB</u> COMPOSITE - # OF PTS. <u>—</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM VERY HARD BEDROCK @ PIT BOTTOM (BLACK) - PIT CONTAINED</u> <u>ALL BEDROCK</u> <u>PARAFFIN, CONDENSATE, & PROD. FLUID. CREW INTENDING TO REMOVE EXISTING</u> <u>STEEL TANK & REPLACING W/ CLOSED TOP STEEL TANK.</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD 418.1 CALCULATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE | <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> </tbody> </table> | | SAMP. TIME | SAMP. ID | LAB NO. | WEIGHT (g) | mL FREON | DILUTION | READING | CALC. (ppm) | | | | | | | | | | | | | | | | | | | | | | | | |
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| PIT PERIMETER | | PIT PROFILE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| OVM READING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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 @ 8'</td><td>705</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> <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> | | SAMPLE ID | FIELD HEADSPACE (ppm) | 1 @ 8' | 705 | 2 @ | | 3 @ | | 4 @ | | 5 @ | | | | | | | | | | | | | | | | | | | | | | |
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| 1 @ 8' | 705 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 4 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| LAB SAMPLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| " | BTEX (8021B) | " | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>BOTH PASSED</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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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>10/9/02 - MORN.</u> ONSITE: <u>10/9/02 - AFTER.</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / BP
Sample ID: 1 @ 8'
Laboratory Number: 23988
Chain of Custody No: 10272
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 94034-010
Date Reported: 10-11-02
Date Sampled: 10-09-02
Date Received: 10-10-02
Date Extracted: 10-10-02
Date Analyzed: 10-11-02
Analysis Requested: 8015 TPH

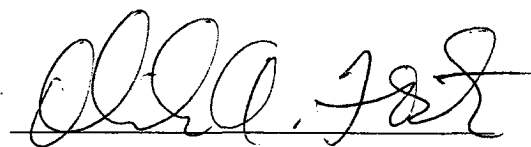
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | 25.4 | 0.2 |
| Diesel Range (C10 - C28) | 66.0 | 0.1 |
| Total Petroleum Hydrocarbons | 91.4 | 0.2 |

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: Burnham GC #1 Abandoned Separator Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Blagg / BP
Sample ID: 1 @ 8'
Laboratory Number: 23988
Chain of Custody: 10272
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 94034-010
Date Reported: 10-11-02
Date Sampled: 10-09-02
Date Received: 10-10-02
Date Analyzed: 10-11-02
Date Extracted: 10-10-02
Analysis Requested: BTEX

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene | 2.9 | 1.8 |
| Toluene | 29.2 | 1.7 |
| Ethylbenzene | 25.4 | 1.5 |
| p,m-Xylene | 205 | 2.2 |
| o-Xylene | 30.3 | 1.0 |
| Total BTEX | 293 | |

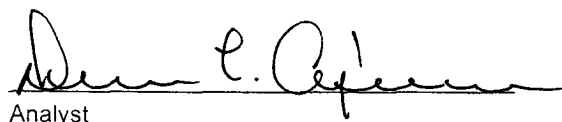
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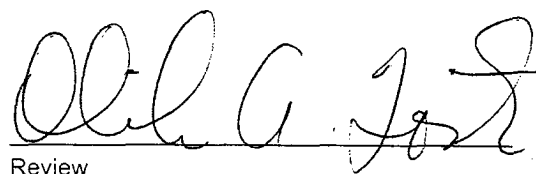
| | | |
|-----------------------|---------------------|------------------|
| Surrogate Recoveries: | Parameter | Percent Recovery |
| | Fluorobenzene | 96 % |
| | 1,4-difluorobenzene | 96 % |
| | Bromochlorobenzene | 96 % |

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: Burnham GC #1 Abandoned Separator Pit Grab Sample.


Analyst


Review