

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

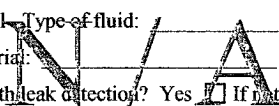
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOC 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>FLORANCE J #48</u> API #: <u>30-045- 09373</u> U/L or Qtr/Qtr <u>A</u> Sec <u>23</u> T <u>30N</u> R <u>8W</u> | | |
| County: <u>SAN JUAN</u> Latitude <u>36.80198</u> Longitude <u>107.63927</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"/> COMPRESSOR Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> STEEL TANK 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 checked="" type="checkbox"/> If not, explain why not. _____  | RCVD APR5'07 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) <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) | | 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 120 FT. S15E FROM WELL HEAD.</u> |
| PIT EXCAVATION: WIDTH | <u>N/A ft. , LENGTH N/A ft. , DEPTH 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> |
| <u>STEEL TANK TO BE INSTALLED</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 NMOC District Office guidelines ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 01/25/06

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

Signature _____

Your certification and NMOC District Office 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,
Printed Name/Title District #3

Signature _____

Date: AUG 06 2007

30-045-09373

36.80198 x 107.63927

| | | |
|-------------------|---|--|
| CLIENT: <u>BP</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>81749</u> COCR NO: <u>15417</u> |
|-------------------|---|--|

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


| | |
|--|---|
| LOCATION: NAME: <u>FLORANCE J</u> WELL #: <u>48</u> TYPE: <u>COMPRESSOR</u> QUAD/UNIT: <u>A</u> SEC: <u>23</u> TWP: <u>30N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>890 FNL x 890 FEL NE/NE</u> CONTRACTOR: <u>HDI (CONOFRE)</u> | DATE STARTED: <u>1-20-06</u> DATE FINISHED: <u>1-20-06</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u> |
|--|---|

| | |
|--|--|
| EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>0</u> | |
| DISPOSAL FACILITY: <u>NA</u> | REMEDIAL METHOD: <u>CLOSE AS IS</u> |
| LAND USE: <u>RANGE - BLM</u> | LEASE: <u>SF - 078385</u> FORMATION: <u>MV</u> |

| | |
|------------------------|--|
| FIELD NOTES & REMARKS: | PIT LOCATED APPROXIMATELY <u>120</u> FT. <u>S15E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u> NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM |
|------------------------|--|

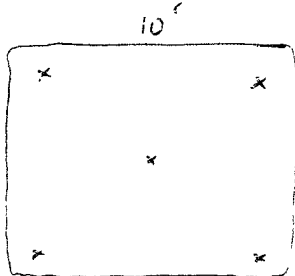
| | |
|--|--|
| SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: SAND (<u>SILTY SAND</u>) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>DARK TAN</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> FIRM / 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 GRAB / <u>COMPOSITE</u> # OF PTS. <u>5</u> ADDITIONAL COMMENTS: <u>10' x 10' x 3" Deep Pit w/ 21 BBL steel tank. Dig into pit w/ BACKHOE to collect samples. New 95 BBL steel tank to be set HERE</u> | OVM CALIB. READ. = <u>53.7</u> ppm OVM CALIB. GAS = <u>10.0</u> ppm RF = 0.52 TIME: <u>1215</u> am/pm DATE <u>1/20</u> |
|--|--|

SCALE



0 10 FT

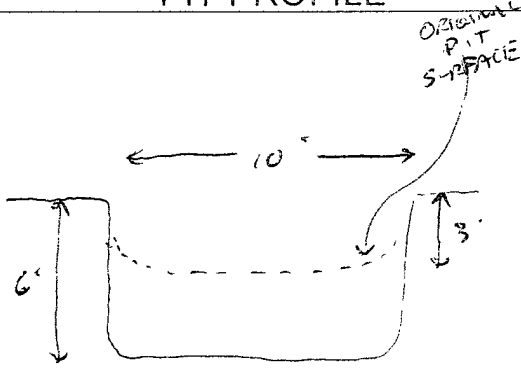
PIT PERIMETER



FIELD 418.1 CALCULATIONS

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

PIT PROFILE



| | | |
|-------------|-----------------------|--|
| OVM READING | | |
| SAMPLE ID | FIELD HEADSPACE (ppm) | |
| 1 @ | | |
| 2 @ | | |
| 3 @ | | |
| 4 @ | | |
| 5 @ | | |
| 5-Point | 0.0 | |
| 12.6' | | |
| | | |
| | | |
| | | |
| | | |

| | | |
|-------------|----------|------|
| LAB SAMPLES | | |
| SAMPLE ID | ANALYSIS | TIME |
| 5-Point | TRI | 1200 |
| | BTEX | |
| | CL- | |
| | | |
| | | |
| | | |

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

TRAVEL NOTES CALLOUT: _____ ONSITE: 1/20/06

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: | 5-Point @ 6' | Date Reported: | 01-25-06 |
| Laboratory Number: | 35850 | Date Sampled: | 01-20-06 |
| Chain of Custody No: | 15417 | Date Received: | 01-23-06 |
| Sample Matrix: | Soil | Date Extracted: | 01-23-06 |
| Preservative: | Cool | Date Analyzed: | 01-24-06 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

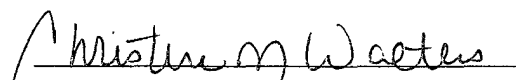
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | 3.0 | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | 3.0 | 0.2 |

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: **Florance J 48 Comp.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| | | | |
|--------------------|---------------|---------------------|-----------|
| Client: | Blagg / BP | Project #: | 94034-010 |
| Sample ID: | 5-Point @ 6' | Date Reported: | 01-24-06 |
| Laboratory Number: | 35850 | Date Sampled: | 01-20-06 |
| Chain of Custody: | 15417 | Date Received: | 01-23-06 |
| Sample Matrix: | Soil | Date Analyzed: | 01-24-06 |
| Preservative: | Cool | Date Extracted: | 01-23-06 |
| Condition: | Cool & Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene | 24.0 | 1.8 |
| Toluene | 18.5 | 1.7 |
| Ethylbenzene | 159 | 1.5 |
| p,m-Xylene | 1,580 | 2.2 |
| o-Xylene | 454 | 1.0 |
| Total BTEX | 2,240 | |

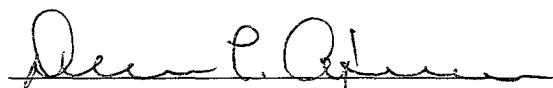
ND - Parameter not detected at the stated detection limit.

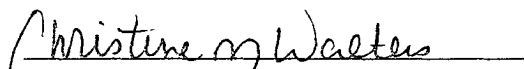
| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|---------------------|------------------|
| | Fluorobenzene | 99.0 % |
| | 1,4-difluorobenzene | 99.0 % |
| | Bromochlorobenzene | 99.0 % |

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: Florance J 48 Comp.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

| | | | |
|----------------|-----------------|-------------------|-----------|
| Client: | Blagg / BP | Project #: | 94034-010 |
| Sample ID: | 5-Point @ 6' | Date Reported: | 01-24-06 |
| Lab ID#: | 35850 | Date Sampled: | 01-20-06 |
| Sample Matrix: | Soil | Date Received: | 01-23-06 |
| Preservative: | Cool | Date Analyzed: | 01-24-06 |
| Condition: | Cool and Intact | Chain of Custody: | 15417 |

Parameter

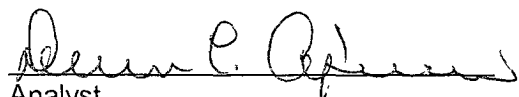
Concentration (mg/Kg)

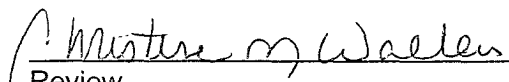
Total Chloride

20.2

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

Comments: Florance J 48 Comp.


Analyst


Review