

Dist I
P.O. Box 1988, Bldg. NM
District II
P.O. Box 1988, Bldg. NM
District III
P.O. Box 1988, Bldg. NM

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504-2088

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: GLU # 265

Location: Unit or Qtr/Qtr Sec P Sec 25 T 28N R 12W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM X, State ☐, Fee ☐, Other ☐

Pit Location:
(Attach diagram)

Pit dimensions: length NA, width NA, depth NA

Reference: wellhead X, other ☐

Footage from reference: 186'

Direction from reference: 3 Degrees ☐ East ☒ North
☒ West ☐ South

Depth To Groundwater:

(Vertical distance from
contaminants to seasonal
high water elevation of
groundwater)

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (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 (20 points)
No (0 points)

0

Distance To Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 100 feet (20 points)
100 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points)

10 Kag
0

RANKING SCORE (TOTAL POINTS):

10 Kag
0

SEP B1275

Date Remediation Started: _____

Date Completed: 9-4-03

Remediation Method: Excavation X
(Check all appropriate sections)

Approx. cubic yards NA

Landfarmed _____

In situ Bioremediation _____

Other CLOSE AS IS.

Remediation Location: Onsite X Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary.

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:
(If multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached Documents

Sample depth 9' (Test hole bottom)

Sample date 9-2-03 Sample time 1320

Sample Results

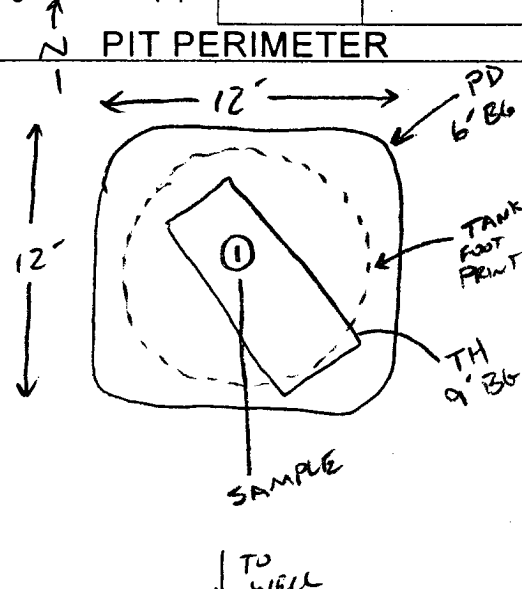
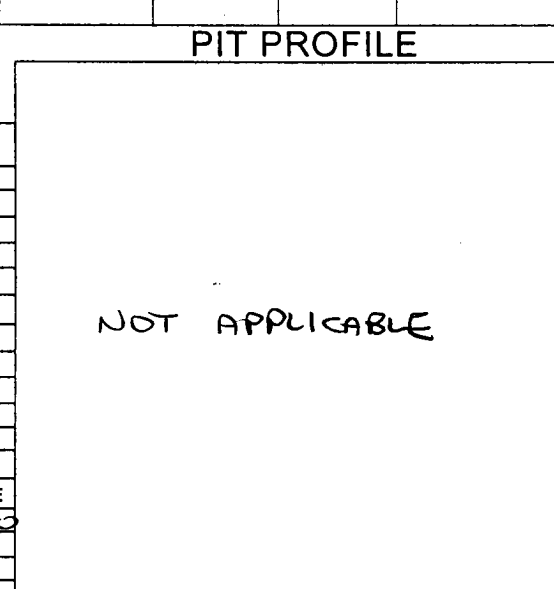
| | | | |
|-----------------|------------------|----------------|-------------|
| Soil: Benzene | (ppm) _____ | Water: Benzene | (ppb) _____ |
| Total BTEX | (ppm) _____ | Toluene | (ppb) _____ |
| Field Headspace | (ppm) <u>0.0</u> | Ethylbenzene | (ppb) _____ |
| TPH | (ppm) <u>ND</u> | Total Xylenes | (ppb) _____ |

Groundwater Sample: Yes _____ No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 9-4-03 PRINTED NAME Jeffrey C. Blagg

SIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

| CLIENT: <u>BP</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>B1275</u> COCR NO: <u>10257</u> | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|-----------------------|----------|----------|------------|-------------|----------|---------|-------------|--|-----|--|--|--|--|--|--|--|--|--|--|--|----------------|--|--|
| FIELD REPORT: PIT CLOSURE VERIFICATION | | PAGE No: <u>1</u> of <u>1</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION: NAME: <u>GCU</u> WELL #: <u>265</u> TYPE: <u>SEP</u> QUAD/UNIT: <u>P</u> SEC: <u>25</u> TWP: <u>28N</u> RING: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>790'S/790'E</u> SE/SE CONTRACTOR: <u>FLINT (BEN)</u> | | DATE STARTED: <u>9-2-03</u> DATE FINISHED: <u>9-2-03</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> REMEDIATION METHOD: <u>CLOSE AS IS</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAND USE: <u>NAPI</u> LEASE: <u>NM078391C</u> FORMATION: <u>DK</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>186</u> FT. <u>N3°W</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>10</u> NMOC D TPH CLOSURE STD: <u>1000</u> PPM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOIL AND EXCAVATION DESCRIPTION: | | OVM CALIB. READ. = <u>53.6</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>1330</u> am/pm DATE: <u>9-2-03</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| SOIL TYPE: SAND / <u>(SILTY SAND)</u> SILT / SILTY CLAY / CLAY / GRAVEL / OTHER | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOIL COLOR: <u>ORANGE 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 / NO EXPLANATION - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLE TYPE: <u>(GRAB)</u> COMPOSITE - # OF PTS. - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADDITIONAL COMMENTS: <u>PIT w/ FIBERGLASS TANK. USE BACKHUE TO REMOVE TANK</u> <u>& DIG TEST HOLE. NO EVIDENCE OF IMPACTS</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD 418.1 CALCULATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%"><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></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) | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE 0 FT N PIT PERIMETER  | | PIT PROFILE  | | | | | | | | | | | | | | | | | | | | | | | | |
| OVM READING <table border="1" style="width:100%"><thead><tr><th>SAMPLE ID</th><th>FIELD HEADSPACE (ppm)</th></tr></thead><tbody><tr><td>1 @ 9'</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> | | SAMPLE ID | FIELD HEADSPACE (ppm) | 1 @ 9' | 0.0 | 2 @ | | 3 @ | | 4 @ | | 5 @ | | | | | | | | | | | | NOT APPLICABLE | | |
| SAMPLE ID | FIELD HEADSPACE (ppm) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 @ 9' | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 @ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 @ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 @ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 @ | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| LAB SAMPLES <table border="1" style="width:100%"><thead><tr><th>SAMPLE ID</th><th>ANALYSIS</th><th>TIME</th></tr></thead><tbody><tr><td>1 @ 9'</td><td>TPH</td><td>1320</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> <p style="text-align:center"><u>PASSED</u></p> | | SAMPLE ID | ANALYSIS | TIME | 1 @ 9' | TPH | 1320 | | | | | | | | | | | | | | | | | | | |
| SAMPLE ID | ANALYSIS | TIME | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 @ 9' | TPH | 1320 | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRAVEL NOTES: CALLOUT: <u>9-2-03 1000</u> ONSITE: <u>9-2-03 1305</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

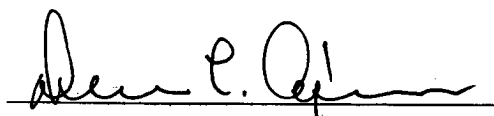
| | | | |
|----------------------|-----------------|---------------------|-----------|
| Client: | Blagg / BP | Project #: | 94034-010 |
| Sample ID: | Sep #1 @ 9' | Date Reported: | 09-04-03 |
| Laboratory Number: | 26495 | Date Sampled: | 09-02-03 |
| Chain of Custody No: | 10257 | Date Received: | 09-03-03 |
| Sample Matrix: | Soil | Date Extracted: | 09-03-03 |
| Preservative: | Cool | Date Analyzed: | 09-04-03 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

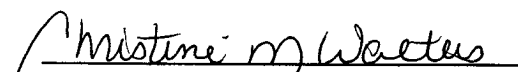
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

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: **GCU 265.**


Analyst


Review