

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

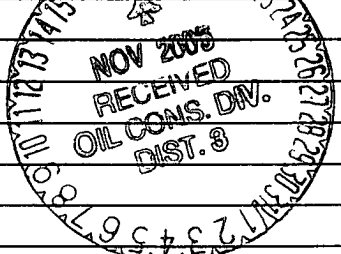
Pit or Below-Grade Tank Registration or Closure

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: BP America Production Company Telephone: (505)326-9200 e-mail address: _____
Address: 200 Energy Ct, Farmington, NM, 87401
Facility or well name: Glomi B #1 API #: 30045/2062 U/L or Qtr/Qtr D Sec 33 T 30N R 9 W
County: San Juan Latitude _____ Longitude _____ NAD: 1927 1983
Surface Owner: Federal State Private Indian

| Pit | Below-grade tank |
|---|---|
| Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" 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 | 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

2nd pit

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:
Printed Name/Title _____ Signature Denny Fenty Date: _____

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
100 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: Glom B #1
Well Name _____
Location: Unit or Qtr/Qtr Sec D sec 33 T 30N R 9W county SAN JUAN
Pit Type: ^{ABANDONED} Separator Dehydrator _____ Other _____
Land Type: BLM , State _____, Fee _____, Other _____

Location: Pit dimensions: length 21', width 21', depth 20'
(attach diagram) Reference: wellhead , other _____
Footage from reference: 87'
Direction from reference: 17 Degrees _____ East North
of
 West South _____

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 Points) 10
high water elevation of ground water)

Wellhead Protection Area: Yes (20 points) 0
(Less than 200 feet from a private No (0 points)
domestic water source, or; less than 1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(horizontal distance to perennial 200 feet to 1000 feet (10 points) 0
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: _____ Date Completed: 5/23/00

Remediation Method: Excavation Approx. cubic yards 300

(check all appropriate sections)

Landfarmed Insitu Bioremediation _____

Other _____

Remediation Location: Onsite Offsite _____

(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation. Risk Assessed (VERTICAL EXTENT ESTABLISHED)

Ground Water Encountered: No Yes _____ Depth _____

Final Pit: Sample location see Attached Documents

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

Sample depth 22' (PIT BOTTOM) // BTEX SAMPLE @ 8' (5/18/00)

Sample date 5/18/00 + 5/22/00 Sample time 1315 / 1410

Sample Results

Benzene (ppm) 1.570

Total BTEX (ppm) 9.380

Field headspace (ppm) 294

TPH 113 ppm

Ground Water Sample: Yes _____ No (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 5/23/00

SIGNATURE B. Shaw

PRINTED NAME AND TITLE

Buddy D. Shaw
Environmental Coordinator

| | | |
|----------------------|--|---|
| CLIENT: <u>AMOCO</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>80751</u> C.D.C. NO: <u>7015</u> |
|----------------------|--|---|

| | |
|---|-------------------------------|
| FIELD REPORT: <u>CLOSURE VERIFICATION</u> | PAGE No: <u>1</u> of <u>2</u> |
|---|-------------------------------|

| | |
|---|--|
| LOCATION: NAME: <u>G10M1</u> <u>B</u> WELL #: <u>1</u> PIT: <u>ABAND. SEP</u> | DATE STARTED: <u>5/17/00</u> DATE FINISHED: _____ |
| QUAD/UNIT: <u>D</u> SEC: <u>33</u> TWP: <u>30N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>SI</u> ST: <u>NM</u> | ENVIRONMENTAL SPECIALIST: <u>NV</u> |
| QTR/FOOTAGE: <u>1190'N/190'W</u> <u>NW/NE</u> CONTRACTOR: <u>FLINT</u> | |

EXCAVATION APPROX. _____ FT. x _____ FT. x _____ FT. DEEP. CUBIC YARDAGE: _____

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM

LAND USE: RANGE LEASE: CA SW 610 FORMATION: PC/FT SAND

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 87 FT. N17W FROM WELLHEAD.

DEPTH TO GROUNDWATER: <100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMDCD RANKING SCORE: 10 NMDCD TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:

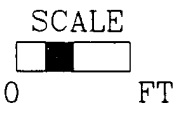
DVM CALIB. READ. 53.1 ppm TIME: 0853 am 5/18/00

CHECK ONE:
 PIT ABANDONED
 STEEL TANK INSTALLED
 FIBERGLASS TANK INSTALLED

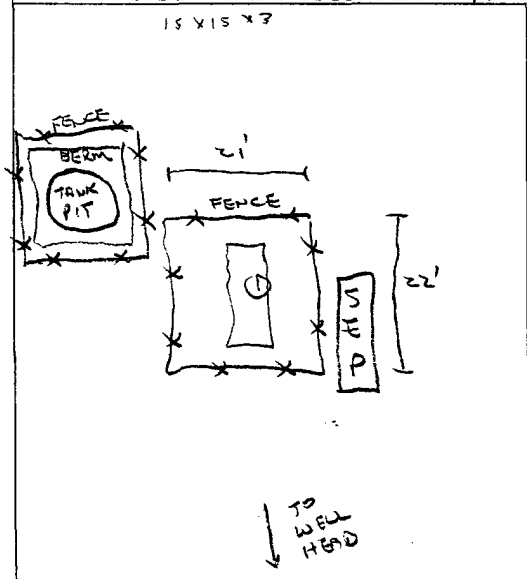
OK. OLIVE TO MED. GRAY SAND,

FIELD 418.1 CALCULATIONS

| TIME | SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm |
|------|-------------|---------|------------|-----------|----------|---------|-----------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



PIT PERIMETER



PIT PROFILE

OVM RESULTS

| SAMPLE ID | FIELD HEADSPACE PID (ppm) |
|-----------|---------------------------|
| 1 @ 8' | 238 |
| 2 @ | |
| 3 @ | |
| 4 @ | |
| 5 @ | |
| | |
| | |
| | |
| | |

NOT APPLICABLE

LAB SAMPLES

| SAMPLE ID | ANALYSIS | TIME |
|-----------|---------------|------|
| ① 8' | TPH | 1315 |
| " | BTEX | " |
| | BTEX - PASSED | |
| | TPH - FAILED | |

TRAVEL NOTES: CALLOUT: 5/17/00 - MORN. ONSITE: 5/18/00 - AFTER.

| | | |
|----------------------|--|---|
| CLIENT: <u>AMOCO</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>80751</u> C.D.C. NO: <u>7017</u> |
|----------------------|--|---|

FIELD REPORT: CLOSURE VERIFICATION PAGE No: 2 of 2

| | |
|---|-------------------------------------|
| LOCATION: NAME: <u>Glom 1</u> <u>B</u> WELL #: <u>1</u> PIT: <u>ABAN. SEP.</u> | DATE STARTED: <u>5/22/00</u> |
| QUAD/UNIT: <u>D</u> SEC: <u>33</u> TWP: <u>30N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> | DATE FINISHED: _____ |
| QTR/FOOTAGE: <u>1190' N / 790' W</u> <u>NWNW</u> CONTRACTOR: <u>FLINT / PHS</u> | ENVIRONMENTAL SPECIALIST: <u>NV</u> |

EXCAVATION APPROX. 21 FT. x 21 FT. x 20 FT. DEEP. CUBIC YARDAGE: 300

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM

LAND USE: RANGE LEASE: CA SW610 FORMATION: DC/FT SAND

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 87 FT. N17W FROM WELLHEAD.

DEPTH TO GROUNDWATER: <100 NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOCB RANKING SCORE: 10 NMOCB TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:

DVM CALIB. READ. 52.7 ppm
TIME: 1418 am/pm 5/22/00

CHECK ONE:
 PIT ABANDONED
 STEEL TANK INSTALLED
 FIBERGLASS TANK INSTALLED

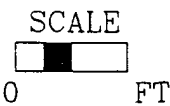
SIDEWALLS:
 MED. GRAY TO BLACK SAND EXCEPT SOUTH SIDEWALL (MED. YELL. BROWN), NON COHESIVE, SLIGHTLY MOIST, FIRM, STRONG HC ODOR IN ALL OVM SAMPLES EXCEPT SOUTH SIDEWALL.

BOTTOM: DUSKY RED CLAY, SLIGHTLY COHESIVE, SLIGHTLY MOIST, FIRM TO STIFF, HC ODOR DETECTED IN OVM SAMPLE.

RISK ASSESSED

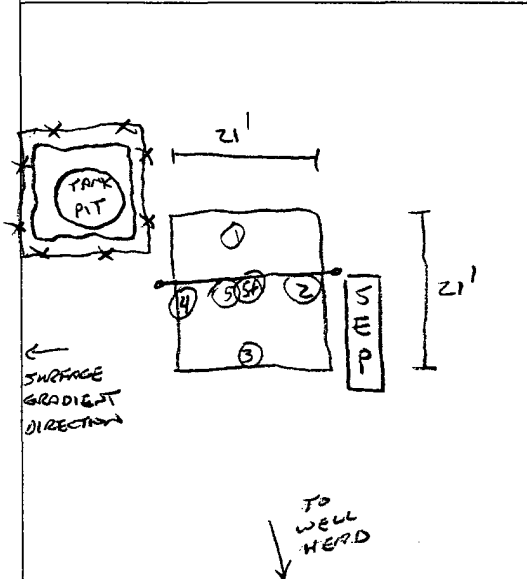
FIELD 418.1 CALCULATIONS

| TIME | SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm |
|------|-------------|---------|------------|-----------|----------|---------|-----------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



PIT PERIMETER

PIT PROFILE

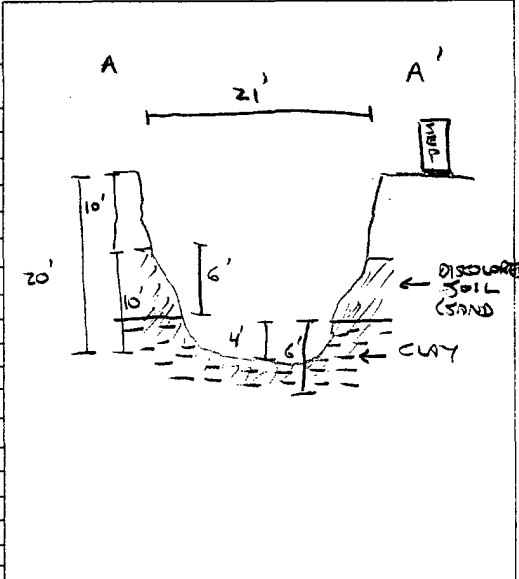


OVM RESULTS

| SAMPLE ID | FIELD HEADSPACE PHD (ppm) |
|---------------|---------------------------|
| 1 @ 10' | 601 |
| 2 @ 10' | 846 |
| 3 @ 10' | 0.0 |
| 4 @ 10' | 1612 |
| 5 @ | |
| <u>SAEZZ'</u> | <u>294</u> |
| | |
| | |
| | |
| | |

LAB SAMPLES

| SAMPLE ID | ANALYSIS | TIME |
|---------------|------------|-------------|
| <u>SAEZZ'</u> | <u>TPH</u> | <u>1410</u> |
| | | |
| | | |
| | | |
| | | |



TRAVEL NOTES: CALLOUT: 5/22/00 - MORN. ONSITE: 5/22/00 - AFTER.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

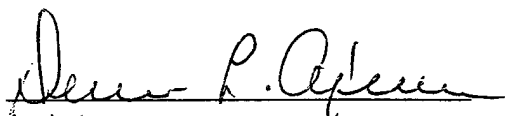
| | | | |
|----------------------|------------------|---------------------|----------|
| Client: | Blagg / BP Amoco | Project #: | 403410 |
| Sample ID: | 1 @ 8' | Date Reported: | 05-22-00 |
| Laboratory Number: | H330 | Date Sampled: | 05-18-00 |
| Chain of Custody No: | 7015 | Date Received: | 05-19-00 |
| Sample Matrix: | Soil | Date Extracted: | 05-19-00 |
| Preservative: | Cool | Date Analyzed: | 05-19-00 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

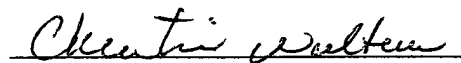
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | 1,040 | 0.2 |
| Diesel Range (C10 - C28) | 556 | 0.1 |
| Total Petroleum Hydrocarbons | 1,600 | 0.1 |

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: **Giomi B #1 Abandoned Separator Pit.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

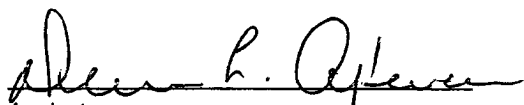
| | | | |
|----------------------|------------------|---------------------|----------|
| Client: | Blagg / BP Amoco | Project #: | 403410 |
| Sample ID: | 5A @ 22' | Date Reported: | 05-23-00 |
| Laboratory Number: | H334 | Date Sampled: | 05-22-00 |
| Chain of Custody No: | 7017 | Date Received: | 05-23-00 |
| Sample Matrix: | Soil | Date Extracted: | 05-23-00 |
| Preservative: | Cool | Date Analyzed: | 05-23-00 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

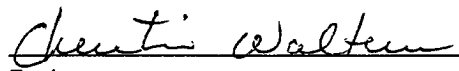
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | 27.8 | 0.2 |
| Diesel Range (C10 - C28) | 85.5 | 0.1 |
| Total Petroleum Hydrocarbons | 113 | 0.1 |

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: **Giomi B #1 Abandoned Separator Pit.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| | | | |
|--------------------|------------------|---------------------|----------|
| Client: | Blagg / BP Amoco | Project #: | 403410 |
| Sample ID: | 1 @ 8' | Date Reported: | 05-22-00 |
| Laboratory Number: | H330 | Date Sampled: | 05-18-00 |
| Chain of Custody: | 7015 | Date Received: | 05-19-00 |
| Sample Matrix: | Soil | Date Analyzed: | 05-19-00 |
| Preservative: | Cool | Date Extracted: | 05-19-00 |
| Condition: | Cool & Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|-------------------|--------------------------|--------------------------|
| Benzene | 1,570 | 1.8 |
| Toluene | 2,140 | 1.7 |
| Ethylbenzene | 1,410 | 1.5 |
| p,m-Xylene | 2,180 | 2.2 |
| o-Xylene | 2,080 | 1.0 |
| Total BTEX | 9,380 | |


ND - Parameter not detected at the stated detection limit.

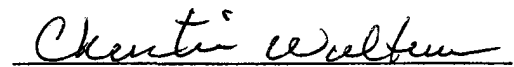
| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|--------------------|------------------|
| | Trifluorotoluene | 100 % |
| | Bromofluorobenzene | 100 % |

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: Giomi B #1 Abandoned Separator Pit.


Analyst


Review

| | | |
|-------------------|--|---|
| CLIENT: <u>BP</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>80751</u> C.O.C. NO: <u>8895</u> |
|-------------------|--|---|

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

| | |
|---|-------------------------------------|
| LOCATION: NAME: <u>G10M</u> <u>B</u> WELL #: <u>1</u> PITS: <u>SEP</u> | DATE STARTED: <u>1/23/02</u> |
| QUAD/UNIT: <u>D</u> SEC: <u>33</u> TWP: <u>30N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> | DATE FINISHED: _____ |
| QTR/FOOTAGE: <u>NW/NE</u> CONTRACTOR: <u>FLINT</u> | ENVIRONMENTAL SPECIALIST: <u>NV</u> |

SOIL REMEDIATION: _____ 300

REMEDIATION SYSTEM: LANDFARM APPROX. CUBIC YARDAGE: 200

LAND USE: RANGE - BLM LIFT DEPTH (ft): 0.5-1

FIELD NOTES & REMARKS: NMOC D RANKING SCORE: 10 NMOC D TPH CLOSURE STD: 1000 ppm

DEPTH TO GROUNDWATER: <100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____

SOIL COLOR: MOD. YELL. BROWN

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 - _____

SAMPLING DEPTHS (LANDFARMS): 4-8 (INCHES)

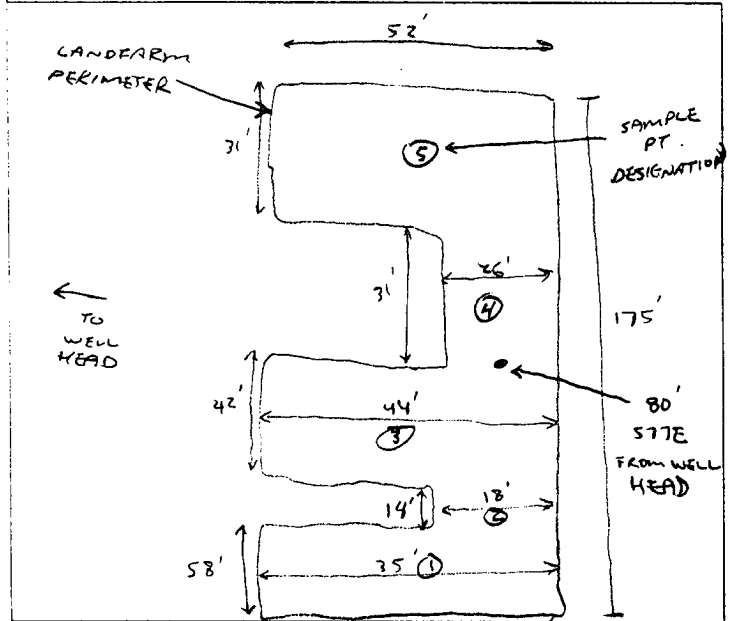
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5

ADDITIONAL COMMENTS: _____

FIELD 418.1 CALCULATIONS

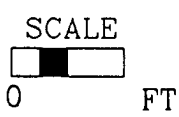
| SAMP. TIME | SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm |
|------------|-------------|---------|------------|-----------|----------|---------|-----------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. 51.0 ppm
 OVM CALIB. GAS = 100 ppm; RF = 0.52
 TIME: 9:15 am DATE: 1/28/02

| OVM RESULTS | | LAB SAMPLES | | | |
|-------------|---------------------------|-------------|-------------|------|---------|
| SAMPLE ID | FIELD HEADSPACE PID (ppm) | SAMPLE ID | ANALYSIS | TIME | RESULTS |
| LF-1 | 0.0 | LF-1 | TPH (8015B) | 0930 | 1.8 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



P.C. - 5/18/00

TRAVEL NOTES: CALLOUT: N/A ONSITE: 1/28/02

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

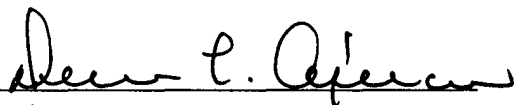
| | | | |
|----------------------|-----------------|---------------------|-----------|
| Client: | Blagg / BP | Project #: | 94034-010 |
| Sample ID: | LF - 1 | Date Reported: | 01-29-02 |
| Laboratory Number: | 21954 | Date Sampled: | 01-28-02 |
| Chain of Custody No: | 8895 | Date Received: | 01-28-02 |
| Sample Matrix: | Soil | Date Extracted: | 01-29-02 |
| Preservative: | Cool | Date Analyzed: | 01-29-02 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

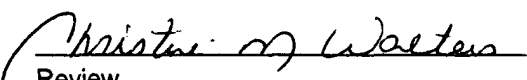
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | 1.8 | 0.1 |
| Total Petroleum Hydrocarbons | 1.8 | 0.2 |

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: **Giomi B #1 Landfarm 5 Pt. Composite.**


Analyst


Review