OK B1305

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

FEB 2004

# PIT REMEDIATION AND CLOSURE REPORT

30-045-06919

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

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: BCU # 178

Location: Unit or Qtr/Qtr Sec D Sec 4 T 27N R 12W County San Juan

Pit Type: Separator ___ Dehydrator ___ Other Production Tank

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: 1023' | | |
| | Direction from reference: 25 Degrees ✓ East North ___ of ___ West South ___ | | |
| Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater) | Less than 50 feet<br>50 feet to 99 feet<br>Greater than 100 feet | (20 points)<br>(10 points)<br>( 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<br>No | (20 points)<br>( 0 points) | 0 |
| Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches) | Less than 100 feet<br>100 feet to 1000 feet<br>Greater than 1000 feet | (20 points)<br>(10 points)<br>( 0 points) | 0 |
| | RANKING SCORE (TOTAL POINTS): | | 0 |

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Prod Tank

Date Remediation Started: _____ Date Completed: 11-11-03

Remediation Method: (Check all appropriate sections) Excavation X Approx. cubic yards NA

Landfarmed ____ Insitu Bioremediation _____

Other CLOSE AS IS.

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

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 7' (Test hole bottom)

Sample date 11-7-03 Sample time 1250

Sample Results

| | | | | | | |
|---|---|---|---|---|---|---|
| Soil: | Benzene | (ppm) | ____ | Water: Benzene | (ppb) | ____ |
| | Total BTEX | (ppm) | ____ | Toluene | (ppb) | ____ |
| | Field Headspace | (ppm) | 0.0 | Ethylbenzene | (ppb) | ____ |
| | TPH | (ppm) | ND | 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 11-11-03 PRINTED NAME Jeffrey C. Blagg

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

revised: 03/27/02

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CLIENT: BP

**BLAGG ENGINEERING, INC.**
**P.O. BOX 87, BLOOMFIELD, NM 87413**
**(505) 632-1199**

LOCATION NO: B1305
COCR NO: 11553

# FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: GCU WELL #: 178 (PROD. 9/05) TYPE: TANK
QUAD/UNIT: D SEC: 4 TWP: 27N RNG: 12W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 990'N/990'W NW/NW CONTRACTOR: SIERRA (CALVIN)

DATE STARTED: 11/7/03
DATE FINISHED: 11/7/03
ENVIRONMENTAL SPECIALIST: JCS

EXCAVATION APPROX: 30 FT. x 30 FT. x 4 FT. DEEP. CUBIC YARDAGE: 0
DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS
LAND USE: NAPI LEASE: NM078391C FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 1023 FT. N25°E FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

OVM CALIB. READ. = 52.0 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 1315 am/pm DATE: 11-7-03

## SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR: Yellow, TAN
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: EARTHEN PIT. USE BACKHOE TO DIG TEST TRENCH. NO VISUAL EVIDENCE OF IMPACTS

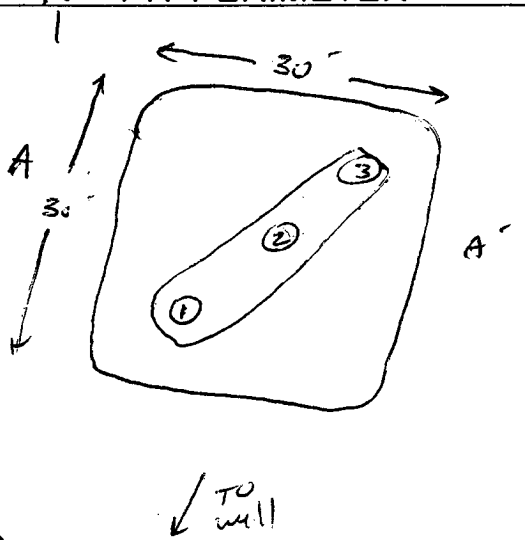
CLOSED

FIELD 418.1 CALCULATIONS

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

SCALE 0 FT

## PIT PERIMETER




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

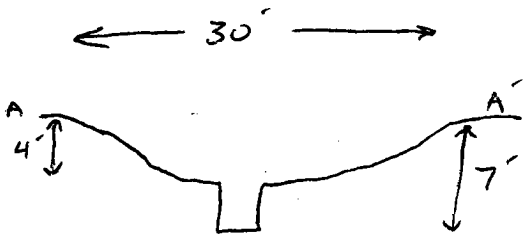
OVM READING

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

LAB SAMPLES

| SAMPLE ID | ANALYSIS | TIME |
|---|---|---|
| (2 @ 7') | TPH | 1250 |
| | (PASSED) | |

## PIT PROFILE




TRAVEL NOTES: CALLOUT: 1100 11/7/03 ONSITE: 1230 11/7/03

revised: 09/04/02 bei1005C.skf

# 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: | Tank 2 @ 7' | Date Reported: | 11-11-03 |
| Laboratory Number: | 27120 | Date Sampled: | 11-07-03 |
| Chain of Custody No: | 11553 | Date Received: | 11-07-03 |
| Sample Matrix: | Soil | Date Extracted: | 11-10-03 |
| Preservative: | Cool | Date Analyzed: | 11-10-03 |
| 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 178.**

Analyst

Review

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