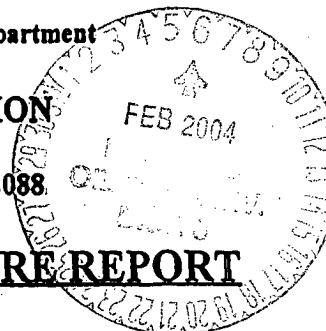


District I
P.O. Box 1968, Hobbs, NM
District II
Denver DB, Artesia, NM
District III
1000 Rio Pecos Rd., Alamo, NM

State of New Mexico
Energy, Minerals and Natural Resources Department

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



OK B1282
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30-045-07228

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200
Address: 200 ENERGY COURT, FARMINGTON, NM 87401
Facility or Well Name: GCU #176
Location: Unit or Qtr/Qtr Sec C Sec 25 T 28N R 13W County San Juan
Pit Type: Separator Dehydrator Other Blow
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: 156'

Direction from reference: 21 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)	<u>0</u>

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)	<u>0</u>

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)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Blow 131202

Date Remediation Started: _____

Date Completed: 9-18-03

Remediation Method: Excavation X
(Check all appropriate sections) Landfarmed _____

Approx. cubic yards NA

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.

Bedrock Bottom

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 6' (Test hole bottom)

Sample date 9-17-03 Sample time 0930

Sample Results

Soil: Benzene	(ppm) <u>0.0272</u>	Water: Benzene	(ppb) _____
Total BTEX	(ppm) <u>5.870</u>	Toluene	(ppb) _____
Field Headspace	(ppm) <u>139</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>190</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 9-18-03 PRINTED NAME Jeffrey C. Blagg

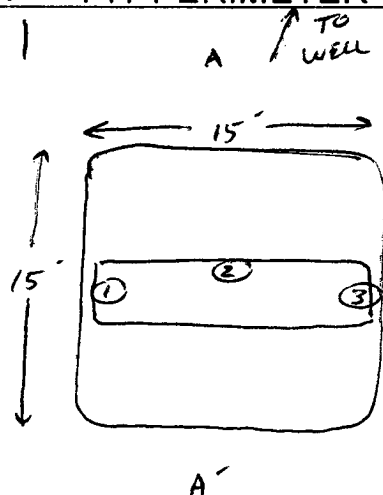
SIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

CLIENT: BP
BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199
LOCATION NO: 81282COCR NO: 11333**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1
 LOCATION: NAME: GCU WELL#: 176 TYPE: BLOW
 QUAD/UNIT: C SEC: 25 TWP: 28N RNG: 13W PM: NM CNTY: ST ST: NM
 QTR/FOOTAGE: 800W/2180W BELOW CONTRACTOR: FUNT (BEN)

 DATE STARTED: 9-17-03
 DATE FINISHED: 9-17-03
ENVIRONMENTAL SPECIALIST: JCBEXCAVATION APPROX. 15 FT. x 15 FT. x 3 FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE (NAV. ALOT) LEASE: NM078391C FORMATION: DKFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 156 FT. S21°W FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: 71000 NEAREST SURFACE WATER: >1000NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**
 OVM CALIB. READ. = 53.0 ppm
 OVM CALIB. GAS = 100.0 ppm RF = 0.52
 TIME: 0945 am/pm DATE: 9-17-03
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SANDSTONESOIL COLOR: LITE YELLOW TANCOHESION (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 / HARDMOISTURE: DRY SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - MUDR FROM PIT BASE TO BASE OF TEST TRENCHHC ODOR DETECTED: YES / NO EXPLANATION - MODERATESAMPLE TYPE: GRAB / COMPOSITE - # OF PTS.
 ADDITIONAL COMMENTS: EARTHEN PIT w/ SANDSTONE BASE. SANDSTONE SOFT / FRILABLE FROM
PIT BASE TO BOTTOM OF TEST TRENCH @ 6' BG. VERY DENSE BEGINNING
@ 6' BG. USE BACKHOE TO DIG TEST TRENCH.
CLOSED**SCALE**0 ↑ FT**PIT PERIMETER****FIELD 418.1 CALCULATIONS**

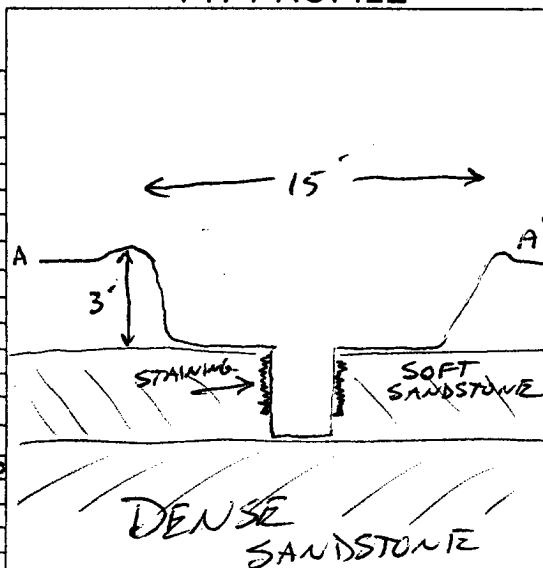
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6'	62
2 @ 6'	139
3 @ 6'	112
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
2 @ 6'	TPH/DE	0930

BOTH PASSED**PIT PROFILE**
 P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW
 T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM
TRAVEL NOTES:
 CALLOUT: 9/17/03 0745 ONSITE: 9/17/03 0900

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

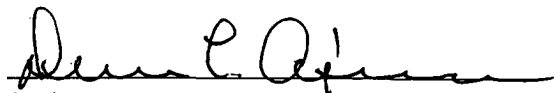
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow #2 @ 6'	Date Reported:	09-18-03
Laboratory Number:	26644	Date Sampled:	09-17-03
Chain of Custody No:	11333	Date Received:	09-17-03
Sample Matrix:	Soil	Date Extracted:	09-18-03
Preservative:	Cool	Date Analyzed:	09-18-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

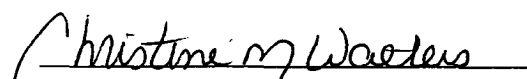
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	186	0.2
Diesel Range (C10 - C28)	3.8	0.1
Total Petroleum Hydrocarbons	190	0.2

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 176.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow #2 @ 6'	Date Reported:	09-18-03
Laboratory Number:	26644	Date Sampled:	09-17-03
Chain of Custody:	11333	Date Received:	09-17-03
Sample Matrix:	Soil	Date Analyzed:	09-18-03
Preservative:	Cool	Date Extracted:	09-18-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	27.2	1.8
Toluene	1,440	1.7
Ethylbenzene	947	1.5
p,m-Xylene	1,860	2.2
o-Xylene	1,600	1.0
Total BTEX	5,870	

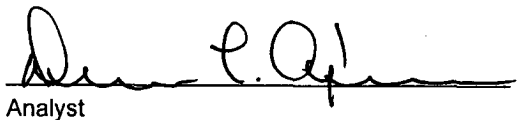
ND - Parameter not detected at the stated detection limit.

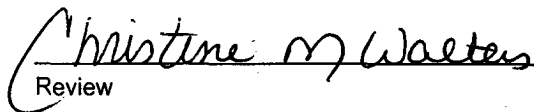
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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: GCU 176.


Analyst


Review