

District I

P.O. Box 1980, Hobbs, NM

District II

Lawer DD, Artesia, NM

District III

1000 Rio Braso Rd., Aztec, NM

State of New Mexico
Energy, Minerals and Natural Resources DepartmentOIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504-2088SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICEPIT REMEDIATION AND CLOSURE REPORT

30-045-13075

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200Address: 200 ENERGY COURT, FARMINGTON, NM 87401Facility or Well Name: GCU #85Location: Unit or Qtr/Qtr Sec A Sec 19 T 28N R 12W County San JuanPit Type: Separator Dehydrator Other BlowLand Type: BLM X, State , Fee , Other Pit Location:
(Attach diagram)Pit dimensions: length NA, width NA, depth NAReference: wellhead X, other Footage from reference: 222'Direction from reference: 87 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 Pit B1064

Date Remediation Started: _____

Date Completed: 9-19-02

Remediation Method: Excavation X

Approx. cubic yards NA

(Check all appropriate sections)

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.

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 8' (Test hole bottom)

Sample date 9-18-02 Sample time 1324

Sample Results

Soil: Benzene	(ppm) <u>0.0141</u>	Water: Benzene	(ppb) _____
Total BTEX	(ppm) <u>1.990</u>	Toluene	(ppb) _____
Field Headspace	(ppm) <u>1685</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>679</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 9-19-02 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: B1064COCR NO: 10103**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1

LOCATION: NAME: GCU WELL #: 85 TYPE: BLOW
 QUAD/UNIT: A SEC: 19 TWP: 28N RING: 12W PM: NM CNTY: 5J ST: NM
 QTR/FOOTAGE: 990N/990E NE/NE CONTRACTOR: L & L (SCOTT)

DATE STARTED: 9/18/02

DATE FINISHED: _____

ENVIRONMENTAL SPECIALIST: NVEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NADISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE NAVATO SURF. USE LEASE: NM078391C FORMATION: OK**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 223 FT. S87E FROM WELLHEAD.DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**ELEV. 5766OVM CALIB. READ. = 58.6 ppmOVM CALIB. GAS = 100 ppm

RF = 0.52

TIME: 12:25 am/pm DATE: 9/18/02SOIL TYPE: SAND SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)SOIL COLOR: GRAYISH ORANGE TO BLACKBEDROCK - LT. GRAYCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM DENSE / VERY DENSEPLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTICDENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARDMOISTURE: DRY SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - BETWEEN 1'-3' BELOW PIT DEPRESSION & BEDROCK SURF.HC ODOR DETECTED: YES / NO EXPLANATION - TEST HOLE & OVM SAMPLESAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 1ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - VERY HARD,BEDROCKCOMPETENT.CLOSED

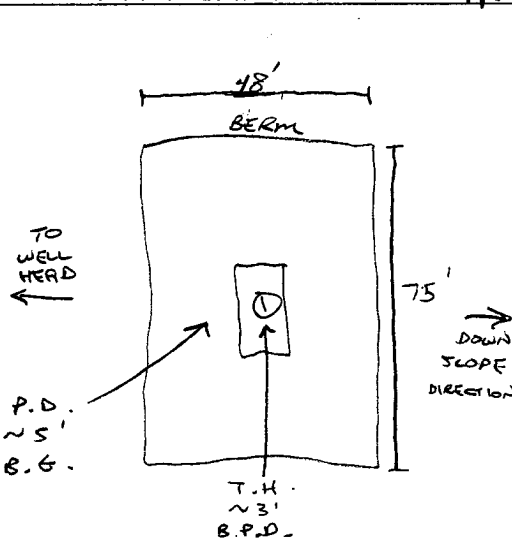
SCALE



0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER**PIT PROFILE****OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	1685
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 8'	TPH (80158)	1324
"	STEX (80218)	"

BOTH PASSEDNOT APPLICABLE

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

TRAVEL NOTES:CALLOUT: 9/18/02 - MORN. ONSITE: 9/18/02 - AFTER.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / BP
Sample ID: 1 @ 8'
Laboratory Number: 23828
Chain of Custody No: 10103
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

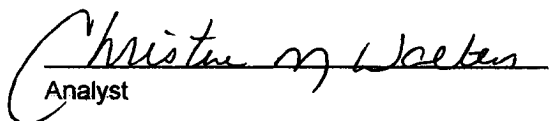
Project #: 94034-010
Date Reported: 09-19-02
Date Sampled: 09-18-02
Date Received: 09-18-02
Date Extracted: 09-18-02
Date Analyzed: 09-19-02
Analysis Requested: 8015 TPH

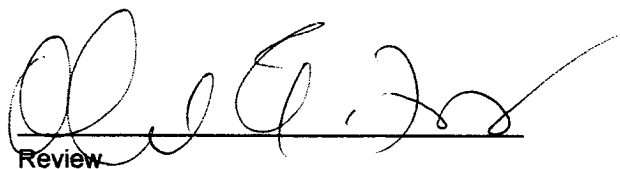
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	624	0.2
Diesel Range (C10 - C28)	54.6	0.1
Total Petroleum Hydrocarbons	679	0.2

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 # 85 Blow Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	09-19-02
Laboratory Number:	23828	Date Sampled:	09-18-02
Chain of Custody:	10103	Date Received:	09-18-02
Sample Matrix:	Soil	Date Analyzed:	09-19-02
Preservative:	Cool	Date Extracted:	09-18-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	14.1	1.8
Toluene	222	1.7
Ethylbenzene	230	1.5
p,m-Xylene	1,051	2.2
o-Xylene	476	1.0
Total BTEX	1,990	

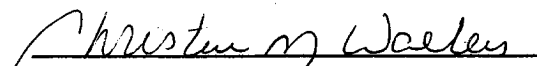
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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 #85 Blow Pit Grab Sample.


Analyst


Review