

District I

P.O. Box 1900, Hobbs, NM

District II

P.O. Box 1900, Hobbs, NM

District III

1000 Rio Bravo Rd., Amar, NM

State of New Mexico
Energy, Minerals and Natural Resources DepartmentOIL 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) 326-9200Address: 200 ENERGY COURT, FARMINGTON, NM 87401Facility or Well Name: GCU # 133Location: Unit or Qtr/Qtr Sec G Sec 17 T 29N R 12W County San JuanPit Type: Separator ☐ Dehydrator ☒ Other ☐Land Type: BLM ☒ State ☐ Fee ☐ Other ☐Pit Location:
(Attach diagram)Pit dimensions: length NA, width NA, depth NAReference: wellhead ☒ other ☐Footage from reference: 183'Direction from reference: 34 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)0RANKING SCORE (TOTAL POINTS): 0

Daly Pit B1140

Date Remediation Started: _____ Date Completed: 2-4-03

Remediation Method: Excavation X Approx. cubic yards NA
(Check all appropriate sections) Landfarmed _____ Insitu 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: Sample location see Attached Documents
(If multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 3' (Test hole bottom)
Sample date 2-3-03 Sample time 1044

Sample Results

Soil: Benzene	(ppm) <u>0.0181</u>	Water: Benzene	(ppb) _____
Total BTEX	(ppm) <u>2.340</u>	Toluene	(ppb) _____
Field Headspace	(ppm) <u>225</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>2960</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

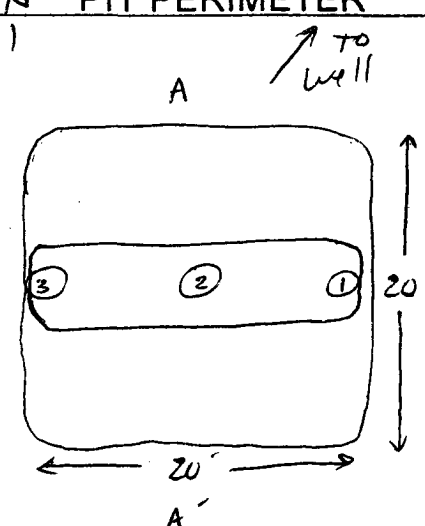
DATE 2-4-03 PRINTED NAME Jeffrey C. Blagg

SIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607
revised: 03/27/02 bc11202.wpd

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1140</u> COCR NO: <u>10594</u>
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>GCU</u> WELL #: <u>133</u> TYPE: <u>DEHY</u> QUAD/UNIT: <u>G</u> SEC: <u>17</u> TWP: <u>29N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1535'N/1830'E</u> SWINE CONTRACTOR: <u>SIERRA (HAROLD)</u>		DATE STARTED: <u>2-3-03</u> DATE FINISHED: <u>2-3-03</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
EXCAVATION APPROX. <u>20</u> FT. x <u>20</u> FT. x <u>1</u> FT. DEEP. CUBIC YARDAGE: <u>0</u>		
DISPOSAL FACILITY: <u>NA</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>		
LAND USE: <u>RANGE - Blm</u> LEASE: <u>NM 078391C</u> FORMATION: <u>DK</u>		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>183</u> FT. <u>S 34° W</u> FROM WELLHEAD.		
DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u>		
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM		
SOIL AND EXCAVATION DESCRIPTION:		OVM CALIB. READ. = <u>131.7</u> ppm OVM CALIB. GAS = <u>250</u> ppm RF = 0.52 TIME: <u>01040</u> am/pm DATE: <u>2-3-03</u>
SOIL TYPE: <u>SAND</u> SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>SANDSTONE BEDROCK @ 3' BG</u>		
SOIL COLOR: <u>Yellow 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: <u>YES</u> NO EXPLANATION - <u>Very Minor</u>		
HC ODOR DETECTED: <u>YES</u> NO EXPLANATION - <u>MODERATE</u>		
SAMPLE TYPE: <u>GRAB COMPOSITE - # OF PTS.</u>		
ADDITIONAL COMMENTS: <u>EARTHEN PIT WITH STEEL TANK SET INTO PIT. Removed TANK</u>		
<u>BEDROCK BOTTOM</u> <u>4' DUG TEST TRENCH ACROSS PIT. SANDSTONE BEDROCK @ 3' BG.</u>		

SCALE  0 10 FT	FIELD 418.1 CALCULATIONS																																								
	<table border="1" style="width:100%; border-collapse: collapse;"> <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> <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)																																
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PIT PERIMETER



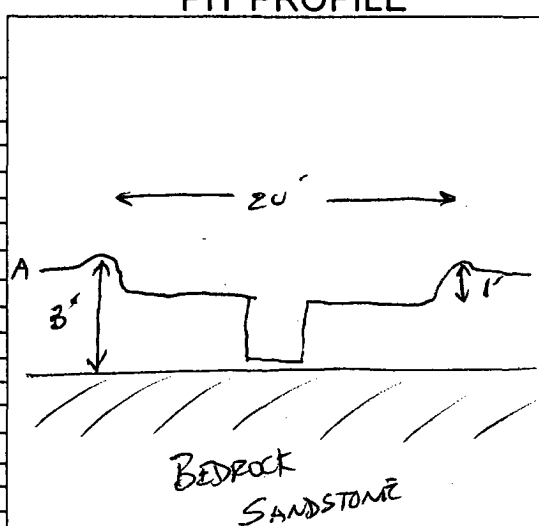
OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 3'	0.0
2 @ 3'	225
3 @ 3'	0.0
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
2 @ 3'	TPH/BTEX	1044
<u>BOTH PASSED</u>		

PIT PROFILE



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

TRAVEL NOTES:	CALLOUT: <u>1000</u> <u>2/3/03</u>	ONSITE: <u>1030</u> <u>2/3/03</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / BP
Sample ID: Dehy 2 @ 3'
Laboratory Number: 24716
Chain of Custody No: 10594
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

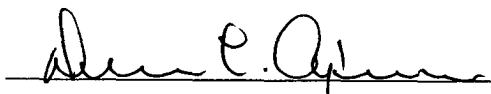
Project #: 94034-010
Date Reported: 02-04-03
Date Sampled: 02-03-03
Date Received: 02-03-03
Date Extracted: 02-03-03
Date Analyzed: 02-04-03
Analysis Requested: 8015 TPH

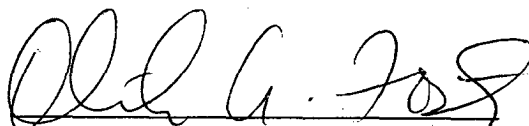
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,210	0.2
Diesel Range (C10 - C28)	1,740	0.1
Total Petroleum Hydrocarbons	2,950	0.2

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 133.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Dehy 2 @ 3'	Date Reported:	02-04-03
Laboratory Number:	24716	Date Sampled:	02-03-03
Chain of Custody:	10594	Date Received:	02-03-03
Sample Matrix:	Soil	Date Analyzed:	02-04-03
Preservative:	Cool	Date Extracted:	02-03-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	18.1	1.8
Toluene	505	1.7
Ethylbenzene	282	1.5
p,m-Xylene	802	2.2
o-Xylene	735	1.0

Total BTEX 2,340

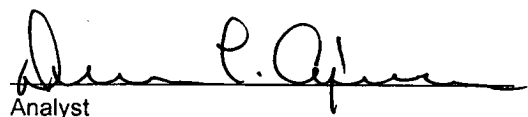
ND - Parameter not detected at the stated detection limit.

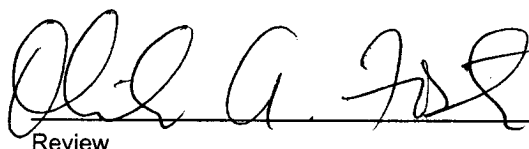
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

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 133.


Analyst


Review