

District I
P.O. Box 1888, Hobbs, NM
District II
P.O. Box 90, Artesia, NM
District III
P.O. Box 88, Lordsburg, 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 B1032
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OIL CON. DIV.
DIST. 3

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DISTRICT OFFICE
AND COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30-045-06823

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200
200 ENERGY
Address: 300 AMOCO COURT, FARMINGTON, NM 87401
Facility or Well Name: GCU # 146
Location: Unit or Qtr/Qtr Sec I Sec 6 T 27N R 12W County San Juan
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: Pit dimensions: length NA, width NA, depth NA
(Attach diagram) Reference: wellhead X, other ☐
Footage from reference: 165
Direction from reference: 61 Degrees ☒ East ☐ North ☒
West ☐ South ☐

Depth To Groundwater: 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) 0
high water elevation of groundwater)

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

Distance To Surface Water: Less than 100 feet (20 points)
(Horizontal distance to perennial 100 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

Sep P.I. B1032

Date Remediation Started: _____

Date Completed: 8-12-02

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.

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 8-9-02 Sample time 1305

Sample Results

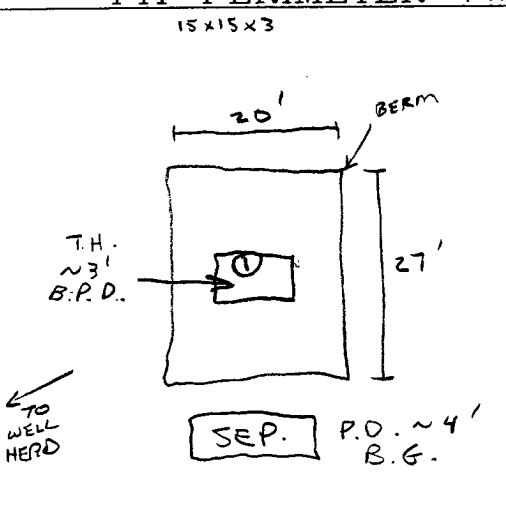
Soil: Benzene	(ppm) <u>0.107</u>	Water: Benzene	(ppb) _____
Total BTEX	(ppm) <u>4.430</u>	Toluene	(ppb) _____
Field Headspace	(ppm) <u>506</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>1580</u>	Total Xylenes	(ppb) _____

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 8-12-02 PRINTED NAME Jeffrey C. Blagg

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

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81032</u> C.D.C. NO: <u>10083</u>																																								
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>GCU</u> WELL #: <u>146</u> TYPE: <u>SEP</u> QUAD/UNIT: <u>I</u> SEC: <u>6</u> TWP: <u>27N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1615'S/925'E</u> NEISE CONTRACTOR: <u>L+L (OAN)</u>		DATE STARTED: <u>8/9/02</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u> DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE-AS IS</u> LAND USE: <u>RANGE</u> LEASE: <u>NAVAJO</u> (NM078391C) FORMATION: <u>DK</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>165</u> FT. <u>N6E</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: SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>OLIVE GRAY</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / DENSE / VERY DENSE PLASTICITY (CLAYS): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / <u>FIRM</u> / STIFF / VERY STIFF / HARD MOISTURE: <u>DRY</u> / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>NOTED ABOVE W/IN TEST HOLE</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>TEST HOLE & OVM SAMPLE.</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>1</u> ADDITIONAL COMMENTS: _____		OVM CALIB. READ: <u>54.1</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = <u>0.52</u> TIME: <u>7:12</u> am/pm DATE: <u>8/8/02</u>																																								
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE T.H. = TEST HOLE; ~ = APPROX.; B = BELOW																																										
TRAVEL NOTES: CALLOUT: <u>8/9/02 - MORNING</u> ONSITE: <u>8/9/02 - AFTER.</u>																																										

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

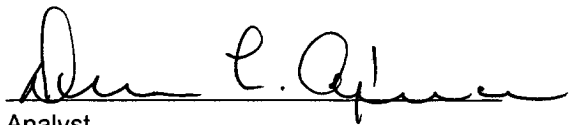
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	08-12-02
Laboratory Number:	23512	Date Sampled:	08-09-02
Chain of Custody No:	10083	Date Received:	08-09-02
Sample Matrix:	Soil	Date Extracted:	08-09-02
Preservative:	Cool	Date Analyzed:	08-12-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

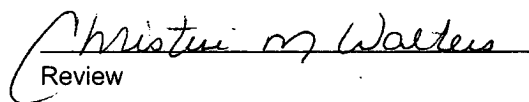
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,200	0.2
Diesel Range (C10 - C28)	376	0.1
Total Petroleum Hydrocarbons	1,580	0.2

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 #146 Separator 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 @ 7"	Date Reported:	08-12-02
Laboratory Number:	23512	Date Sampled:	08-09-02
Chain of Custody:	10083	Date Received:	08-09-02
Sample Matrix:	Soil	Date Analyzed:	08-12-02
Preservative:	Cool	Date Extracted:	08-09-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	167	1.8
Toluene	1,100	1.7
Ethylbenzene	484	1.5
p,m-Xylene	1,670	2.2
o-Xylene	1,010	1.0
Total BTEX	4,430	

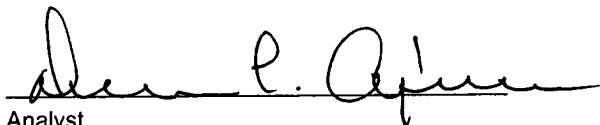
ND - Parameter not detected at the stated detection limit.

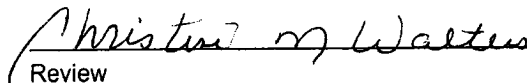
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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 #146 Separator Pit Grab Sample.


Analyst


Review