

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer 80, Aztec, NM

District III

1000 Elm Street, Rm. 400, Santa Fe, NM

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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OIL CON. DIV.
DIST. 3

SUBMIT COPY TO
APPROPRIATE
DISTRICT OFFICE
AND COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30-045-06823

Operator: <u>BP AMERICA PRODUCTION CO.</u>		Telephone: <u>(505) 326-9200</u>			
Address: <u>715 200 ENERGY</u> <u>300 AMOCO COURT, FARMINGTON, NM 87401</u>					
Facility or Well Name: <u>GCU # 146</u>					
Location: Unit or Qtr/Qtr Sec <u>I</u> Sec <u>6</u> T <u>27N</u> R <u>12W</u> County <u>San Juan</u>					
Pit Type: Separator <input type="checkbox"/> Dehydrator <input type="checkbox"/> Other <u>Blow</u>					
Land Type: BLM <u>X</u> , State <input type="checkbox"/> , Fee <input type="checkbox"/> , Other <input type="checkbox"/>					
Pit Location: (Attach diagram)					
Pit dimensions: length <u>NA</u> , width <u>NA</u> , depth <u>NA</u>					
Reference: wellhead <u>X</u> , other <input type="checkbox"/>					
Footage from reference: <u>309'</u>					
Direction from reference: <u>71</u> Degrees <input checked="" type="checkbox"/> East <input checked="" type="checkbox"/> North <input type="checkbox"/> West <input type="checkbox"/> South					
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)</td> <td style="width: 30%;"> Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points) </td> <td style="width: 20%; text-align: right;"> <u>0</u> </td> </tr> </table>			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>
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RANKING SCORE (TOTAL POINTS): <u>0</u>					

Blow Pit B1032

Date Remediation Started: _____

Date Completed: 8-12-02Remediation Method: Excavation X
(Check all appropriate sections)Approx. cubic yards NA

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 DocumentsSample depth 7.5' (Test hole bottom)Sample date 8-9-02 Sample time 1300


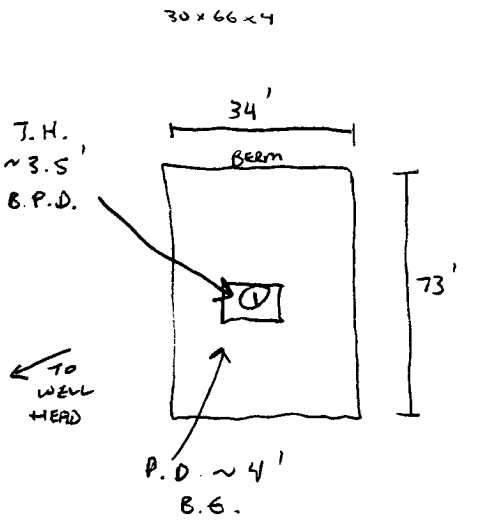
Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>66.5</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>2.0</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. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

CLIENT: <u>BP</u>	3004506843 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>BLOW</u> QUAD/UNIT: <u>I</u> SEC: <u>6</u> TWP: <u>27N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1615'S/925'E</u> NE/SE CONTRACTOR: <u>L&L (DAN)</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>NAVATO (NM078391C?)</u> FORMATION: <u>DK</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>309</u> FT. <u>N71E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u> NMOC D RANKING SCORE: <u>0</u> NMOC D 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>OK. YELL. ORANGE</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> / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / <u>(SLIGHTLY MOIST)</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / <u>(NO)</u> EXPLANATION - _____ HC ODOR DETECTED: YES / <u>(NO)</u> EXPLANATION - _____ SAMPLE TYPE: <u>(GRAB)</u> / COMPOSITE - # OF PTS. <u>—</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>																																								
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> SCALE  0 FT </div> <div style="width: 65%; text-align: center;"> FIELD 418.1 CALCULATIONS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMPLE I.D.</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> </div> </div>			SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm																																
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PIT PERIMETER  <p> T.H. ~ 3.5' B.P.D. P.D. ~ 4' B.G. </p>	OVM RESULTS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @ 7.5'</td><td>66.5</td></tr> <tr><td>2 @</td><td> </td></tr> <tr><td>3 @</td><td> </td></tr> <tr><td>4 @</td><td> </td></tr> <tr><td>5 @</td><td> </td></tr> </tbody> </table> LAB SAMPLES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr> <td>1 @ 7.5'</td> <td>TPH (8015B)</td> <td>1300</td> </tr> <tr> <td colspan="3" style="text-align: center;">PASSED</td> </tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1 @ 7.5'	66.5	2 @		3 @		4 @		5 @		SAMPLE ID	ANALYSIS	TIME	1 @ 7.5'	TPH (8015B)	1300	PASSED			PIT PROFILE <div style="text-align: center; font-size: 2em; margin-top: 50px;">NOT APPLICABLE</div>																			
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TRAVEL NOTES: CALLOUT: <u>8/9/02 - MORN.</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

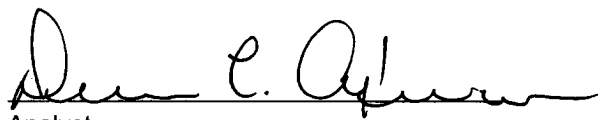
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 7.5'	Date Reported:	08-12-02
Laboratory Number:	23511	Date Sampled:	08-09-02
Chain of Custody No:	10083	Date Received:	08-09-02
Sample Matrix:	Soil	Date Extracted:	08-09-02
Preservative:	Cool	Date Analyzed:	08-12-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

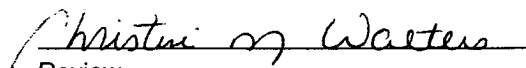
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.4	0.2
Diesel Range (C10 - C28)	1.6	0.1
Total Petroleum Hydrocarbons	2.0	0.2

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 Blow Pit Grab Sample.


Analyst


Review