

District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.O. Box 1980, Artesia, NM  
District III  
1000 Rio Bravo Rd., Aztec, NM

VUL  
State of New Mexico  
Energy, Minerals and Natural Resources Department

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

OK 30957  
RECEIVED  
OIL CON. DIV.  
DET. 3

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

PIT REMEDIATION AND CLOSURE REPORT

30-045-26191

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200

Address: 300 AMOCO COURT, FARMINGTON, NM 87401

Facility or Well Name: GCU #8E

Location: Unit or Qtr/Qtr Sec J Sec 22 T 28N R 12W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other ☐

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: 138'

Direction from reference: 40 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)	<u>10</u>
100 feet to 1000 feet	(10 points)	<u>8</u>
Greater than 1000 feet	(0 points)	

RANKING SCORE (TOTAL POINTS):

KAG  
010

Date Remediation Started: \_\_\_\_\_

Date Completed: 4-25-02

Remediation Method:  
(Check all appropriate sections)

Excavation ☒

Approx. cubic yards NA

Landfarmed \_\_\_\_\_

In situ Bioremediation \_\_\_\_\_

Other CLOSE AS IS.

Remediation Location:  
(i.e. landfarmed onsite,  
name and location of  
offsite facility)

Onsite ☒ Offsite \_\_\_\_\_

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary.

Groundwater Encountered: No ☒ 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 4-24-02 Sample time 1130

Sample Results

Soil: Benzene	(ppm) _____	Water: Benzene	(ppb) _____
Total BTEX	(ppm) _____	Toluene	(ppb) _____
Field Headspace	(ppm) <u>141.4</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>ND</u>	Total Xylenes	(ppb) _____

Groundwater Sample: Yes \_\_\_\_\_ No ☒ (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 4-25-02 PRINTED NAME Jeffrey C. Blagg

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

VUL

3004526191

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80957</u> C.O.C. NO: <u>9908</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>GCU</u> WELL #: <u>8E</u> TYPE: <u>DEHY</u> QUAD/UNIT: <u>J</u> SEC: <u>22</u> TWP: <u>28N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1700'S/1720'E</u> NW/SE CONTRACTOR: <u>FLINT</u>	DATE STARTED: <u>4-24-02</u> DATE FINISHED: <u>4-24-02</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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EXCAVATION APPROX. <u>12</u> FT. x <u>12</u> FT. x <u>3</u> FT. DEEP. CUBIC YARDAGE: <u>0</u> PIT DISPOSAL FACILITY: <u>NA</u> REMEDIATION METHOD: <u>CLOSE AS IS</u> LAND USE: <u>RANGE-BLM</u> LEASE: <u>CA 892000844F</u> FORMATION: <u>DR/GP</u>	ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>138°</u> FT. <u>S40°W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>&gt;100</u> NEAREST WATER SOURCE: <u>&gt;1000</u> NEAREST SURFACE WATER: <u>&lt;500</u> NMDCD RANKING SCORE: <u>10</u> NMDCD TPH CLOSURE STD: <u>1000</u> PPM	DVM CALIB. READ: <u>131.4</u> ppm DVM CALIB. GAS = <u>250</u> ppm RF = <u>0.52</u> TIME: <u>1140</u> (am) pm DATE: <u>4-24-02</u>
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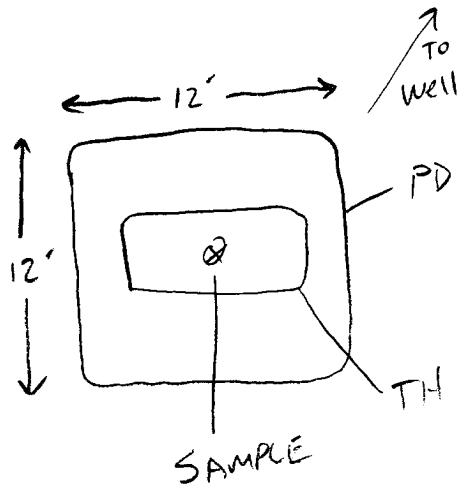
  

SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: SAND / <u>SILTY SAND</u> / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>ORANGE TAN</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / FIRM / DENSE / 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: YES / <u>NO</u> EXPLANATION: _____ HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION: _____ SAMPLE TYPE: <u>GRAB</u> COMPOSITE # OF PTS: _____ ADDITIONAL COMMENTS: <u>USE BACKHOE TO DIG TEST Hole &amp; SAMPLE</u>	DVM CALIB. READ: <u>131.4</u> ppm DVM CALIB. GAS = <u>250</u> ppm RF = <u>0.52</u> TIME: <u>1140</u> (am) pm DATE: <u>4-24-02</u>
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FIELD 418.1 CALCULATIONS								
SCALE	SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0 FT								

PIT PERIMETER 	OVM RESULTS <table border="1" style="width:100%"><tr><th>SAMPLE ID</th><th>FIELD HEADSPACE PID (ppm)</th></tr><tr><td>1 @ 6'</td><td>1.4</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></table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1 @ 6'	1.4	2 @		3 @		4 @		5 @		PIT PROFILE <p style="text-align: center;">NOT APPLICABLE</p>
SAMPLE ID	FIELD HEADSPACE PID (ppm)													
1 @ 6'	1.4													
2 @														
3 @														
4 @														
5 @														

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME
C@6'	TPH	1130

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE T.H. = TEST HOLE; ~ = APPROX.; B = BELOW	
TRAVEL NOTES:	CALLOUT: <u>4-24-02 0940</u> ONSITE: <u>4-24-02 1115</u>

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

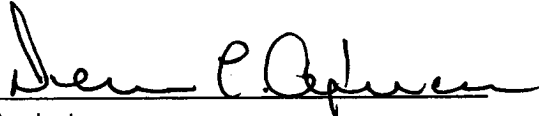
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	C @ 6'	Date Reported:	04-25-02
Laboratory Number:	22600	Date Sampled:	04-24-02
Chain of Custody No:	9908	Date Received:	04-24-02
Sample Matrix:	Soil	Date Extracted:	04-25-02
Preservative:	Cool	Date Analyzed:	04-25-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

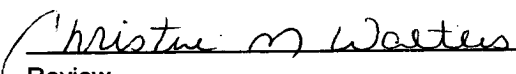
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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 8E - Dehy.

  
Analyst

  
Review