

District I

P.O. Box 1968, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM

District III

1806 Rio Bravo Rd., Alameda, NM

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

**OIL 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**

30-045-24929

**RECEIVED**  
 JAN 17 2001  
**OIL CON. DIV.**  
**DIST. 3**

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200Address: 200 ENERGY COURT, FARMINGTON, NM 87401Facility or Well Name: GCU #139ELocation: Unit or Qtr/Qtr Sec M Sec 18 T 28N R 11W County San JuanPit Type: Separator    Dehydrator    Other BlowLand Type: BLM X <sup>KAG</sup>, State ✓, Fee   , Other   Pit Location:  
(Attach diagram)Pit dimensions: length NA, width NA, depth NAReference: wellhead X, other   Footage from reference: 112'Direction from reference: 47 Degrees ✓ East North     
   West of 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

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

Date Completed: 11-21-02

Remediation Method:

Excavation XApprox. 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 DocumentsSample depth 4' (Test hole bottom)Sample date 11-20-02 Sample time 1520

## Sample Results

Soil: Benzene	(ppm) _____	Water: Benzene	(ppb) _____
Total BTEX	(ppm) _____	Toluene	(ppb) _____
Field Headspace	(ppm) <u>ND</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>ND</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 11-21-02 PRINTED NAME Jeffrey C. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

3004524924

CLIENT: BP

**BLAGG ENGINEERING, INC.**  
**P.O. BOX 87, BLOOMFIELD, NM 87413**  
**(505) 632-1199**

LOCATION NO: 81101COCR NO: 10441**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1

LOCATION: NAME: GCU WELL #: 139E TYPE: BLOW  
 QUAD/UNIT: M SEC: 18 TWP: 28N RNG: 11W PM: NM CNTY: SS ST: NM  
 QTR/FOOTAGE: D30'S / 880'W SW/SW CONTRACTOR: FINT (BEN)

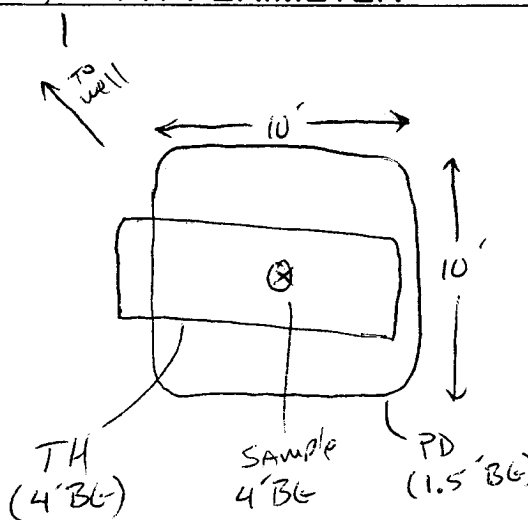
DATE STARTED: 11-20-02  
 DATE FINISHED: 11-20-02

ENVIRONMENTAL SPECIALIST: JCBEXCAVATION APPROX. 10 FT. x 10 FT. x 1 1/2 FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE LEASE: NMMA 70391C STATE FORMATION: DKFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 112 FT. S47°E FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ. = 129.8 ppm  
 OVM CALIB. GAS = 250 ppm RF = 0.52  
 TIME: 1530 am/pm DATE: 11-20-02

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERSOIL COLOR: YELLOW TANCOHESION (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 -HC ODOR DETECTED: YES / NO EXPLANATION -SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS.ADDITIONAL COMMENTS: USE BACKHOLE to dig test Trench. No evidence (visual OR ODOR) OF contamination.CLOSED**SCALE**

0 ↑ FT

**PIT PERIMETER****FIELD 418.1 CALCULATIONS**

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

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

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

NOT APPLICABLE

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
1 @ 4'	TPH	1520
	<u>PASSED</u>	

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

TRAVEL NOTES:

CALLOUT: 11/20/02 1430ONSITE: 11/20/02 1505

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

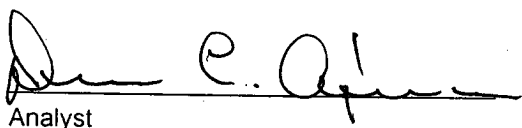
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	11-21-02
Laboratory Number:	24276	Date Sampled:	11-20-02
Chain of Custody No:	10441	Date Received:	11-21-02
Sample Matrix:	Soil	Date Extracted:	11-21-02
Preservative:	Cool	Date Analyzed:	11-21-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

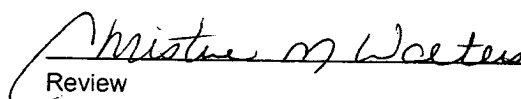
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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 139E Blow Pit.

  
Analyst

  
Review