

District I

P.O. Box 1828, Hobbs, NM

District II

O. Denver, CO, Arroyo, NM

District III

1000 E. 2nd St., 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

PIT REMEDIATION AND CLOSURE REPORT

30-045-24173

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200
200 ENERGY
 Address: 300 AMOCO COURT, FARMINGTON, NM 87401
 Facility or Well Name: GCU # 211E
 Location: Unit or Qtr/Qtr Sec C Sec 32 T 29N R 12W County San Juan
 Pit Type: Separator Dehydrator Other Flow
 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: 50 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)	
100 feet to 1000 feet	(10 points)	
Greater than 1000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Blow Pit 8/087

Date Remediation Started: _____

Date Completed: 8-14-02

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 10' (Test hole bottom) - CENTERSample date 8-12-02 Sample time 1140

Sample Results

Soil: Benzene	(ppm) _____	Water: Benzene	(ppb) _____
Total BTEX	(ppm) _____	Toluene	(ppb) _____
Field Headspace	(ppm) <u>6.2</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 8-14-02 PRINTED NAME Jeffrey C. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

5004524173

860-1545

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81037</u> C.D.C. NO: <u>10192</u>
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>GCU</u> WELL #: <u>211E</u> TYPE: <u>BLOW</u>		DATE STARTED: <u>8/12/02</u> DATE FINISHED: <u>8/12/02</u>
QUAD/UNIT: <u>C SEC: 32 TWP: 29N RNG: 12W PM: NM CNTY: SJ ST: NM</u>		ENVIRONMENTAL SPECIALIST: <u>JCB</u>
QTR/FOOTAGE: <u>900'N/1740'W</u> NE(1/4) CONTRACTOR: <u>FLINT (BEN)</u>		
EXCAVATION APPROX. <u>78</u> FT. x <u>66</u> FT. x <u>6</u> FT. DEEP. CUBIC YARDAGE: <u>0</u>		
DISPOSAL FACILITY: <u>NA</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>		
LAND USE: <u>RANGE</u> LEASE: <u>NA</u> FEE: <u>NA</u> FORMATION: <u>DK</u>		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>138</u> FT. <u>N50°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>132.0</u> ppm OVM CALIB. GAS = <u>250</u> ppm RF = <u>0.52</u> TIME: <u>1120</u> am/pm DATE: <u>8/12/02</u>
SOIL TYPE: <u>(SAND)</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER		
SOIL COLOR: <u>LIGHT 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 <u>(CLOSED)</u>		
MOISTURE: DRY / <u>(SLIGHTLY MOIST)</u> / MOIST / WET / SATURATED / SUPER SATURATED		
DISCOLORATION/STAINING OBSERVED: YES / <u>(NO)</u> EXPLANATION - <u>Except lite Gray on Pit Surface</u>		
HC ODOR DETECTED: YES / <u>(NO)</u> EXPLANATION -		
SAMPLE TYPE: <u>(GRAB)</u> / COMPOSITE - # OF PTS.		
ADDITIONAL COMMENTS: <u>USE BACKHOE TO DIG TEST TRENCH ACROSS PIT</u>		

FIELD 418.1 CALCULATIONS							
SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE: FT

N

PIT PERIMETER

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

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 10'	3.4
2 @ 10'	6.2
3 @ 10'	1.9
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
2 @ 10'	TPH	1140
<u>PASSED</u>		

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: <u>8/12/02 @ 0900</u> ONSITE: <u>8/12/02 1045</u>	
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

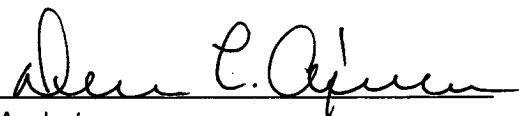
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow #2 (C @ 10')	Date Reported:	08-14-02
Laboratory Number:	23577	Date Sampled:	08-12-02
Chain of Custody No:	10177	Date Received:	08-13-02
Sample Matrix:	Soil	Date Extracted:	08-13-02
Preservative:	Cool	Date Analyzed:	08-14-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

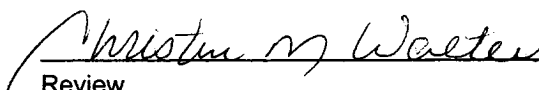
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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 211E.


Analyst


Review