

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Box 1980, Artesia, NM
District III
1000 Rio Bravo Rd., Aztec, 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 1 COPY TO
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DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30-045-26363

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200
Address: 300 AMOCO COURT, FARMINGTON, NM 87401
Facility or Well Name: GCU # 194E
Location: Unit or Qtr/Qtr Sec L Sec 5 T 27N 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: 102'

Direction from reference: 74 Degrees ☒ East of 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)

20 KPA
0

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)

0

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)

10 ms

30 ms

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____

Date Completed: 4-30-02

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 6' (Test hole bottom)Sample date 4-29-02 Sample time 0935

Sample Results

Soil: Benzene	(ppm) <u>0.499</u>	Water: Benzene	(ppb) _____
Total BTEX	(ppm) <u>2.330</u>	Toluene	(ppb) _____
Field Headspace	(ppm) <u>235</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>97.2</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 4-30-02 PRINTED NAME Jeffrey C. BlaggSIGNATURE 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>80960</u> C.O.C. NO: <u>9917</u>																													
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																													
LOCATION: NAME: <u>GCU</u> WELL #: <u>194E</u> TYPE: <u>DEHP</u>		DATE STARTED: <u>4-29-02</u> DATE FINISHED: _____																													
QUAD/UNIT: <u>L SEC: 5 TWP: 27N RNG: 12W PM: NM CNTY: SJ ST: NM</u>		ENVIRONMENTAL SPECIALIST: <u>JCB</u>																													
QTR/FOOTAGE: <u>1840'S/800'W NW1SW</u> CONTRACTOR: <u>FLINT</u>																															
EXCAVATION APPROX. <u>15</u> FT. x <u>15</u> FT. x <u>3</u> FT. DEEP. CUBIC YARDAGE: <u>0</u>																															
DISPOSAL FACILITY: <u>NONE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>																															
LAND USE: <u>RANGE-BLM</u> LEASE: <u>SF 078902</u> FORMATION: <u>OK</u>																															
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>102</u> FT. <u>N74°E</u> FROM WELLHEAD.																															
DEPTH TO GROUNDWATER: <u><50</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u><500</u>																															
NMOCD RANKING SCORE: <u>20</u> NMOCD TPH CLOSURE STD: <u>100</u> PPM																															
SOIL AND EXCAVATION DESCRIPTION:		DVM CALIB. READ: <u>131.9</u> ppm DVM CALIB. GAS = <u>250</u> ppm RF = <u>0.52</u> TIME: <u>0948</u> am/pm DATE: <u>4-29-02</u>																													
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / <u>CLAY</u> / GRAVEL / OTHER _____																															
SOIL COLOR: <u>DARK BROWN</u>																															
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / <u>COHESIVE</u> / HIGHLY COHESIVE																															
CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE																															
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / <u>HIGHLY PLASTIC</u>																															
DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD																															
MOISTURE: DRY / SLIGHTLY MOIST / <u>MOIST</u> / WET / SATURATED / SUPER SATURATED																															
DISCOLORATION/STAINING OBSERVED: YES / <u>NO</u> EXPLANATION - _____																															
HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION - <u>MINOR</u>																															
SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. _____																															
ADDITIONAL COMMENTS: <u>USE BACKHOE TO DIG TEST HOLE & SAMPLE</u>																															
FIELD 418.1 CALCULATIONS																															
SCALE 0 FT	<table border="1" style="width:100%"><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><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></table>							SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm																
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		OVM RESULTS				NOT APPLICABLE																									
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE
T.H. = TEST HOLE; ~ = APPROX.; B = BELOW

TRAVEL NOTES: CALLOUT: 4-29-02 8:30 ONSITE: 4:29-02 0910

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

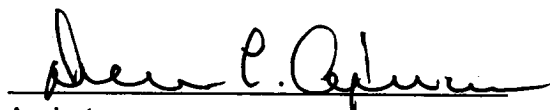
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Dehy C @ 6'	Date Reported:	04-30-02
Laboratory Number:	22624	Date Sampled:	04-29-02
Chain of Custody No:	9917	Date Received:	04-29-02
Sample Matrix:	Soil	Date Extracted:	04-30-02
Preservative:	Cool	Date Analyzed:	04-30-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

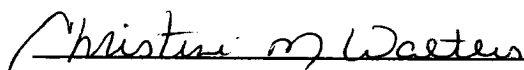
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	92.0	0.2
Diesel Range (C10 - C28)	5.2	0.1
Total Petroleum Hydrocarbons	97.2	0.2

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 194E.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Dehy C @ 6'	Date Reported:	04-30-02
Laboratory Number:	22624	Date Sampled:	04-29-02
Chain of Custody:	9917	Date Received:	04-29-02
Sample Matrix:	Soil	Date Analyzed:	04-30-02
Preservative:	Cool	Date Extracted:	04-30-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	499	1.8
Toluene	907	1.7
Ethylbenzene	138	1.5
p,m-Xylene	603	2.2
o-Xylene	179	1.0

Total BTEX 2,330

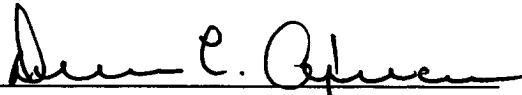
ND - Parameter not detected at the stated detection limit.

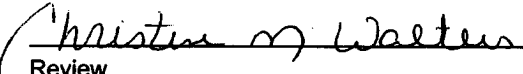
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

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 194E.


Analyst


Review