

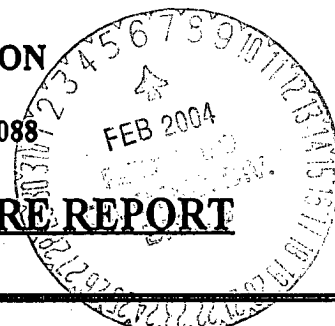
District I
P.O. Box 1988, Hobbs, NM
District II
P.O. Box 1988, Hobbs, NM
District III
P.O. Box 1988, Hobbs, NM
1000 Rio Bravo Rd., Alameda, NM

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



30-045-07951

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

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: GCU #150

Location: Unit or Qtr/Qtr Sec M Sec 22 T 24N R 12W County San Juan

Pit Type: Separator Dehydrator Other Abandoned

Land Type: BLM KAG, State , Fee , Other

Pit Location: (Attach diagram) Pit dimensions: length NA, width NA, depth NA

Reference: wellhead X, other

Footage from reference: 103'

Direction from reference: 64 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) 20 KAG
Greater than 100 feet (0 points) 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) 10 KAG
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 30 KAG

Aband

Date Remediation Started: _____ Date Completed: 7-28-03

Remediation Method: Excavation X Approx. 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.Bedrock BottomGroundwater 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 5' (Test hole bottom)Sample date 7-24-03 Sample time 1150

Sample Results

Soil: Benzene	(ppm) <u>ND</u>	Water: Benzene	(ppb) _____
Total BTEX	(ppm) <u>0.511</u>	Toluene	(ppb) _____
Field Headspace	(ppm) <u>195.4</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>2.1</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 7-28-03 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>80250</u> COCR NO: <u>11115</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: <u>Gen</u> WELL#: <u>150</u> TYPE: <u>ABAN.</u> QUAD/UNIT: <u>M</u> SEC: <u>22</u> TWP: <u>29N</u> RNG: <u>12</u> W/PM: <u>Nm</u> CNTY: <u>ST</u> ST: <u>Nm</u> QTR/FOOTAGE: <u>800'S (790'W)</u> SW/SW CONTRACTOR: <u>FUNT (?)</u>	DATE STARTED: <u>7/24/03</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE ^{SURF. USE =} FEE LEASE: FEE FORMATION: DK

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 183 FT. 564W FROM WELLHEAD

DEPTH TO GROUNDWATER: 550' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000'

NMOC D RANKING SCORE: 30 NMOC D TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 52.7 ppm CHECK
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 12:00 am/pm DATE: 7/24/03

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SHALE) 4-5' BELOW GRADE

SOIL COLOR: VERY PALE ORANGE BEDROCK - DUSKY RED

COHESION (ALL OTHERS) NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): LOOSE / 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 / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION: _____

HC ODOR DETECTED: YES / NO EXPLANATION: BEDROCK ONLY

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. —

ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK. BEDROCK - HARD, FRAGILE.
WELL PLUGGED & ABANDONED - 2/23/94.

BEDROCK BOTTOM

CLOSED

FIELD 418.1 CALCULATIONS								
SCALE	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
0 FT								

PIT PERIMETER

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 5'	195.4
2 @	
3 @	
4 @	
5 @	

PIT PROFILE

NOT APPLICABLE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
DES	TPH (8015B)	1150
H	STEX (8021B)	"
(8022 PASSED)		

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

TRAVEL NOTES:

CALLOUT: 7/24/03 - MORN. ONSITE: 7/24/03 - MORN.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

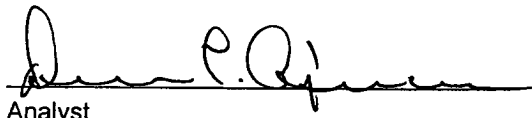
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	07-28-03
Laboratory Number:	26163	Date Sampled:	07-24-03
Chain of Custody No:	11115	Date Received:	07-24-03
Sample Matrix:	Soil	Date Extracted:	07-25-03
Preservative:	Cool	Date Analyzed:	07-28-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

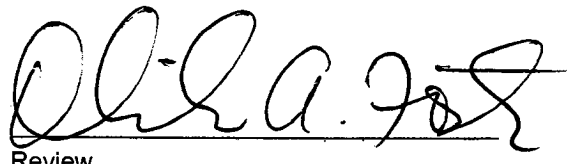
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.1	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.1	0.2

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 #150 Abandoned Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	07-28-03
Laboratory Number:	26163	Date Sampled:	07-24-03
Chain of Custody:	11115	Date Received:	07-24-03
Sample Matrix:	Soil	Date Analyzed:	07-28-03
Preservative:	Cool	Date Extracted:	07-25-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	105	1.7
Ethylbenzene	57.8	1.5
p,m-Xylene	209	2.2
o-Xylene	139	1.0
Total BTEX	511	

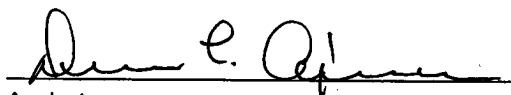
ND - Parameter not detected at the stated detection limit.

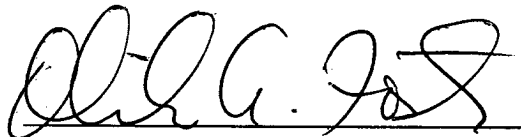
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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 #150 Abandoned Pit Grab Sample.


Analyst


Review