

JUL

OK

B1131

District I

P.O. Box 1968, Belden, NM

District II

P.O. Drawer 88, 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

SUBMIT 1 COPY TO

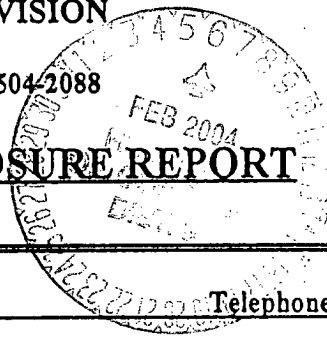
APPROPRIATE

DISTRICT OFFICE

AND 1 COPY TO

SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT



30-045-26289

Operator: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200Address: 200 ENERGY COURT, FARMINGTON, NM 87401Facility or Well Name: GCU #124ELocation: Unit or Qtr/Qtr Sec N Sec 35 T 28N R 12W County San JuanPit Type: Separator Dehydrator Other BlowLand Type: BLM X, State , Fee , Other Pit Location:
(Attach diagram)Pit dimensions: length NA, width NA, depth NAReference: wellhead X, other Footage from reference: 100'Direction from reference: 24 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)

10 KAG
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)

0
KAG
10
0

RANKING SCORE (TOTAL POINTS):

Blow Pit B1B1

Date Remediation Started: _____

Date Completed: 1-28-03

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 9' (Test hole bottom)Sample date 1-27-03 Sample time 1035

Sample Results

Soil: Benzene	(ppm)	<u>ND</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>0.468</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>171.6</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>9106</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 1-28-03 PRINTED NAME Jeffrey C. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

CLIENT: BP
BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199
LOCATION NO: B1131COCR NO: 10584**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: GCV WELL #: 124E TYPE: BLOWQUAD/UNIT: N SEC: 35 TWP: 28N RNG: 12W PM: NM CNTY: SJ ST: NMQTR/FOOTAGE: 990'S/1850'W SELSW CONTRACTOR: FLINT (BEN)DATE STARTED: 1-27-03DATE FINISHED: 1-27-03ENVIRONMENTAL
SPECIALIST: JCBEXCAVATION APPROX. 12 FT. x 18 FT. x 3 FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: NAPI LEASE: NM078391C FORMATION: JKFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 100 FT. N24°E FROM WELLHEAD.DEPTH TO GROUNDWATER: >50 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOC D RANKING SCORE: 10 NMOC D TPH CLOSURE STD: 1000 PPM**SOIL AND EXCAVATION DESCRIPTION:**
OVM CALIB. READ. = 130.6 ppm
OVM CALIB. GAS = 250 ppm RF = 0.52
TIME: 1040 am/pm DATE: 1-27-03
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK SANDSTONE @ 9' BGSOIL COLOR: Yellow TANCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (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 SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION: V. MINOR GRAY STREAKINGHC ODOR DETECTED: YES / NO EXPLANATION: V. MINORSAMPLE TYPE: GRAB / COMPOSITE - # OF PTS.ADDITIONAL COMMENTS: EARTHEN PIT. USE BACKHOE TO DIG TEST TRENCH.BEDROCK
Bottom**FIELD 418.1 CALCULATIONS**

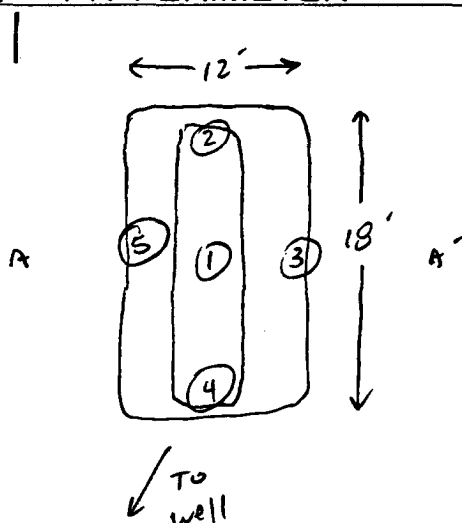
SCALE

0 1 FT

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

N PIT PERIMETER

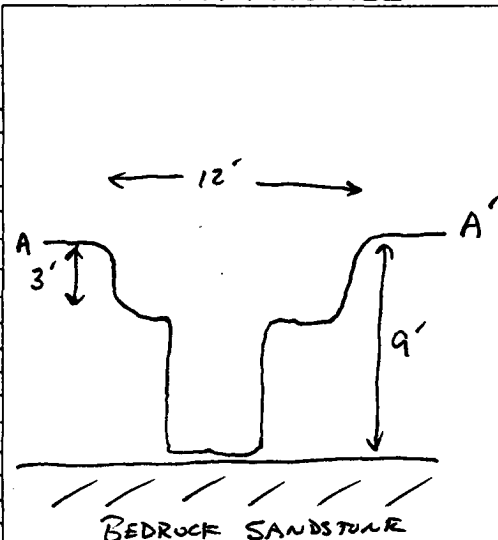
PIT PROFILE

**OVM
READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 9'	171.6
2 @ 9'	133.5
3 @ 3'	14.2
4 @ 4'	96.3
5 @ 3'	54.4

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 9'	TPH / BTEX	1035

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

TRAVEL NOTES:

CALLOUT: 1-27-03 0850ONSITE: 1-27-03 1015

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / BP
Sample ID: 1 @ 9'
Laboratory Number: 24651
Chain of Custody No: 10584
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 94034-010
Date Reported: 01-28-03
Date Sampled: 01-27-03
Date Received: 01-27-03
Date Extracted: 01-27-03
Date Analyzed: 01-28-03
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	109	0.2
Diesel Range (C10 - C28)	857	0.1
Total Petroleum Hydrocarbons	966	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 124 E - Blow Pit.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Blagg / BP
Sample ID: 1 @ 9'
Laboratory Number: 24651
Chain of Custody: 10584
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 94034-010
Date Reported: 01-28-03
Date Sampled: 01-27-03
Date Received: 01-27-03
Date Analyzed: 01-28-03
Date Extracted: 01-27-03
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	39.2	1.7
Ethylbenzene	75.5	1.5
p,m-Xylene	187	2.2
o-Xylene	166	1.0
Total BTEX	468	

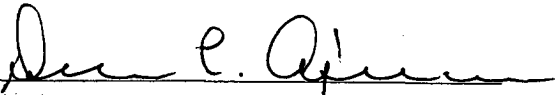
ND - Parameter not detected at the stated detection limit.

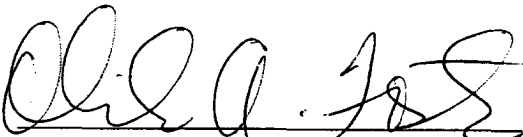
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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 124 E - Blow Pit.


Analyst


Review