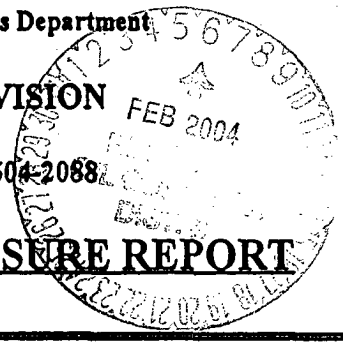
OK B1185

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM
District III
1000 Rio Brazos 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

30-045-11570

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

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: GCU #193

Location: Unit or Qtr/Qtr Sec E Sec 30 T 28N R 12W County San Juan

Pit Type: Separator ___ Dehydrator ___ Other Blow

Land Type: BLM X (NAVAJO), State ___, Fee ___, Other NAVAJO

Pit Location: (Attach diagram)

Pit dimensions: length NA, width NA, depth NA

Reference: wellhead X, other ___

Footage from reference: 147'

Direction from reference: 38 Degrees ✓ East North ___ of ___ West South ✓

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (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 No	(20 points) (0 points)	0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	0
		RANKING SCORE (TOTAL POINTS):	0

BlowPit B1185

Date Remediation Started: _____ Date Completed: 4-2-03

Remediation Method: (Check all appropriate sections) Excavation X Approx. cubic yards NA

Landfarmed ____ Insitu Bioremediation _____

Other CLOSE AS IS.

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) Onsite X Offsite _____

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary. Bedrock Bottom

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 Documents

Sample depth 6' (Test hole bottom)

Sample date 4-1-03 Sample time 0900

Sample Results

Soil:	Benzene	(ppm)	0.0302	Water: Benzene	(ppb)	____
	Total BTEX	(ppm)	1.970	Toluene	(ppb)	____
	Field Headspace	(ppm)	212	Ethylbenzene	(ppb)	____
	TPH	(ppm)	205	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 4-2-03 PRINTED NAME Jeffrey C. Blagg

SIGNATURE Jeffrey C Blagg AND TITLE President P.E. # 11607

revised: 03/27/02 bcil202.wpd

30045115 10

CLIENT: BP

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

LOCATION NO: B1185
COCR NO: 10769

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: GCU ~~193~~ WELL #: 193 TYPE: BLOW
QUAD/UNIT: E SEC: 30 TWP: 28N RNG: 12W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1525'N/910'W SW/NW CONTRACTOR: SIERRA (CALWIN)

DATE STARTED: 4-1-03
DATE FINISHED: 4-1-03
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 18 FT. x 18 FT. x 4 FT. DEEP. CUBIC YARDAGE: 0
DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS
LAND USE: RANGE - BLM LEASE: ~~NM~~ NAVAJO FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 147 FT. S 38°E FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

OVM CALIB. READ. = 131.0 ppm
OVM CALIB. GAS = 250 ppm RF = 0.52
TIME: 0850 (am) pm DATE: 4-1-03

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SANDSTONE BEDROCK @ 6' BG
SOIL COLOR: Yellow TAN. GRAY 3'-4' BG
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 - MINOR GRAY 3'-4' BG
HC ODOR DETECTED: (YES) NO EXPLANATION - MINOR
SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS.
ADDITIONAL COMMENTS: EASTERN PIT. USE BACKHOE TO DIG TEST TRENCH. HIT FIRM BEDROCK SANDSTONE @ 6' BG.

(CLOSED)

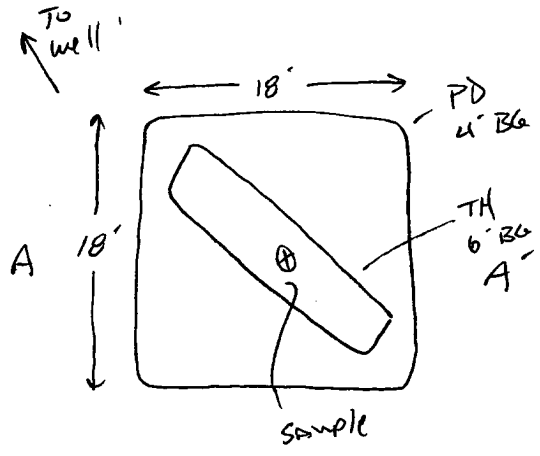
(BEDROCK BOTTOM)

FIELD 418.1 CALCULATIONS

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

SCALE
0 FT

PIT PERIMETER



OVM READING

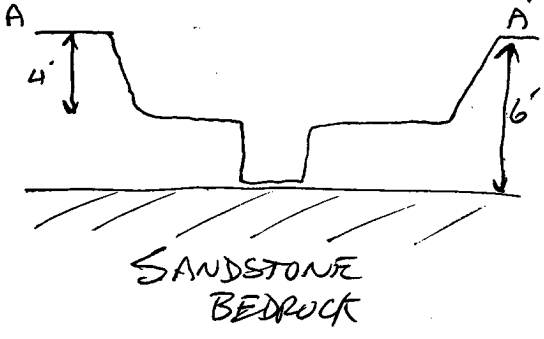
SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6'	212
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 6'	TPH/BTEX	0900
BOTH PASSED		

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

PIT PROFILE



TRAVEL NOTES: CALLOUT: 4-1-03 0615 ONSITE: 4-1-03 0830

revised: 09/04/02

bei1005C.skf

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 1 @ 6'	Date Reported:	04-02-03
Laboratory Number:	25264	Date Sampled:	04-01-03
Chain of Custody No:	10769	Date Received:	04-01-03
Sample Matrix:	Soil	Date Extracted:	04-02-03
Preservative:	Cool	Date Analyzed:	04-02-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	63.9	0.2
Diesel Range (C10 - C28)	141	0.1
Total Petroleum Hydrocarbons	205	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 193.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	BLOW 1 @ 6'	Date Reported:	04-02-03
Laboratory Number:	25264	Date Sampled:	04-01-03
Chain of Custody:	10769	Date Received:	04-01-03
Sample Matrix:	Soil	Date Analyzed:	04-02-03
Preservative:	Cool	Date Extracted:	04-02-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	30.2	1.8
Toluene	262	1.7
Ethylbenzene	206	1.5
p,m-Xylene	1,180	2.2
o-Xylene	294	1.0
Total BTEX	1,970	

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 193.**

Analyst

Review

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