District I
P O Box 1980, Hobbs, NM

District II
P.O. Drawer DD, Artesia, NM 88211

District III
1000 Rio Brazos Rd, Aztec, NM 87410

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

BLM
DEPUTY OIL & GAS INSPECTOR
JAN 11 3

PIT REMEDIATION AND CLOSURE REPORT

A0055

Operator: Amoco Production Company **Telephone:** (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Well Name Martin GC G1

Location: Unit or Qtr/Qtr Sec B Sec 14 T 27N R 10W County San Juan

Pit Type: Separator ___ Dehydrator ___ Other production / blow

Land Type: BLM ✓, State ___, Fee ___, Other com. AGMT.

Pit Location: (Attach diagram)
Pit dimensions: length 20', width 20', depth 3'
Reference: wellhead ✓, other ___
Footage from reference: 175
Direction from reference: 30 Degrees ___ East North ✓ of ✓ West South ___

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) 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 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	0
	RANKING SCORE (TOTAL POINTS):	0

Date Remediation Started: _____ **Date Completed:** 6/16/94

Remediation Method: (Check all appropriate sections) Excavation ✓ Approx. cubic yards 44

Landfarmed ___ Insitu Bioremediation ___

Other compost

Remediation Location: (ie. landfarmed onsite, name and location of offsite facility) Onsite ✓ Offsite _____

General Description Of Remedial Action: Excavation

Ground Water Encountered: No ✓ 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 3'

Sample date 6/16/94 Sample time 925

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) 1.445

Field headspace(ppm) 306

TPH 1720 ppm

Ground Water Sample: Yes ___ No ✓ (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 6/20/94

SIGNATURE B J Shaw PRINTED NAME AND TITLE Buddy D. Shaw Environmental Coordinator

results copied to Johnny 7/6/94

CLIENT: Amoco

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615

PIT NO: A0055

CO. NO: 3748

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140
PAGE No: 1 of 1

LOCATION: NAME: Martin GC G WELL #: 1 PIT: blow/prod.
QUAD/UNIT: B SEC: 14 TWP: 27N RNG: 10W BM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: NW/NE CONTRACTOR: EPC

DATE STARTED:
DATE FINISHED: 6/16/94
ENVIRONMENTAL SPECIALIST: CLG

SOIL REMEDIATION: EXCAVATION APPROX. 20 FT. x 20 FT. x 3 FT. DEEP.
DISPOSAL FACILITY: compost on-site CUBIC YARDAGE: 44
LAND USE: range LEASE: SF-077329

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 175 FEET N30W FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 ppm

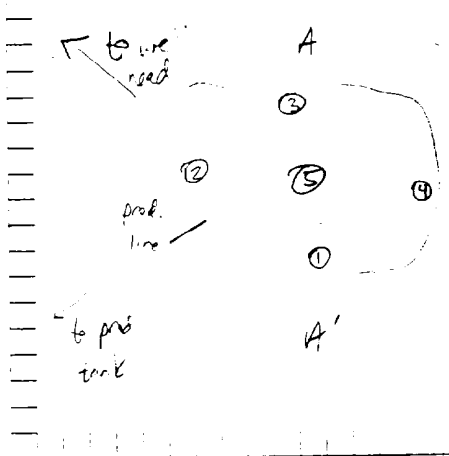
SOIL AND EXCAVATION DESCRIPTION:
dry, light yellow brown sand, non-cohesive
bottom is slightly moist
some spots of resin present (few)

FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE
0 FEET

PIT PERIMETER

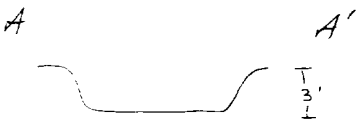


OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 3'	2
2 3'	3
3 3'	12
4 2'	5
5 3'	306

LAB SAMPLES
5 @ 3' for TPH (418.1) and BTEX (8020)

PIT PROFILE



TRAVEL NOTES: CALLED: 6/15/94 DATE: 6/16/94

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Amoco	Project #:	92140
Sample ID:	5 @ 3'	Date Sampled:	06-16-94
Laboratory Number:	7640	Date Received:	06-16-94
Sample Matrix:	Soil	Date Analyzed:	06-26-94
Preservative:	Cool	Date Reported:	06-30-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	1720	30.0

ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Martin GC G1 Blow/Prod Pit A0055.

Analyst

Review

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020
AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	5 @ 3'	Date Reported:	07-01-94
Laboratory Number:	7640	Date Sampled:	06-17-94
Sample Matrix:	Soil	Date Received:	06-17-94
Preservative:	Cool	Date Extracted:	06-26-94
Condition:	Cool & Intact	Date Analyzed:	06-28-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	13.5
Toluene	248	13.5
Ethylbenzene	ND	13.5
p,m-Xylene	740	438.6
o-Xylene	457	13

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Trifluorotoluene	85 %
Bromofluorobenzene	91 %

Method: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: Martin GC G1 Blow/Prod Pit A0055

Analyst

Review