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 T
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

Wendy L. Faust
DEPUTY OIL & GAS INSPECTOR
JAN 13 97

PIT REMEDIATION AND CLOSURE REPORT

Approved

A0002
~~1500~~

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Well Name Stewart A com A LS2

Location: Unit or Qtr/Qtr Sec M Sec 32 T 30 N R 10 W County San Juan

Pit Type: Separator X Dehydrator ___ Other Production

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

Pit Location: (Attach diagram) Pit dimensions: length 12', width 13', depth 6'

Reference: wellhead ✓, other ___

Footage from reference: 120'

Direction from reference: 10° Degrees ___ East North X of X 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)	_
	RANKING SCORE (TOTAL POINTS):	_

Date Remediation Started: _____ Date Completed: 5/12/94

Remediation Method: (Check all appropriate sections) Excavation ✓ Approx. cubic yards 35

Landfarmed ___ Insitu Bioremediation ___

Other _____

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' & 6'

Sample date 5/12/94 Sample time 910

Sample Results

Benzene(ppm) ND @ 3'

Total BTEX(ppm) 4,259 @ 3'

Field headspace(ppm) 497 @ 3'

TPH 453 @ 6'

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 5-12-94

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

verbal results to Earl 5/18/94

Lenx B10796-4

CLIENT: Amoco

ENVIROTECH Inc.

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

PIT NO: A

C.O.C. NO: 3615

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: LEASE: Stewart A com A WELL #: LS2 PIT: sep./prod.

UNIT: M SEC: 32 TWP: 30N RNG: 10W BM: NM CNTY: San Juan ST: NM

CONTRACTOR: Mass Excavation

DATE STARTED:

DATE FINISHED: 5-12-94

ENVIRONMENTAL SPECIALIST: TH

SOIL REMEDIATION: EXCAVATION APPROX. 12 FT. x 13 FT. x 6 FT. DEEP.

DISPOSAL FACILITY: Land Farm on site

LAND USE: Range

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 120 FEET N10°W FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100 NEAREST SURFACE WATER: >1000 NEAREST WATER SOURCE: >1000

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

Moist, coarse to medium grained sand, some silt, yellow to brown
- Side walls are Sandstone & Excavation bottom is in sandstone
- 5 soil samples collected for land spray (see diagram), #5 collected for Lab

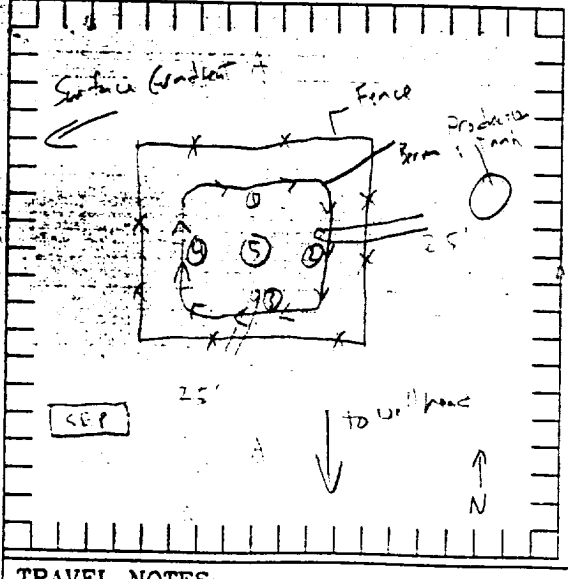
FIELD 418.1 CALCULATIONS TPH (418.1) #2 selected for BTEX (8020)

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

SCALE

0 FEET

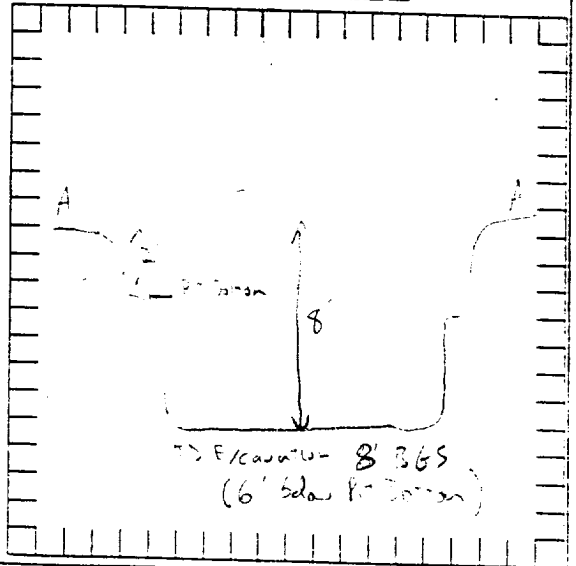
PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
① @ 3'	6.6
② @ 3'	497
③ @ 5'	114
④ @ 4'	15
⑤ @ 6'	222

PIT PROFILE



TRAVEL NOTES: CALLOUT: 5-11-94 ONSITE: 5-12-94

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 @ 6'	Date Sampled:	05-12-94
Laboratory Number:	7410	Date Received:	05-12-94
Sample Matrix:	Soil	Date Analyzed:	05-13-94
Preservative:	Cool	Date Reported:	05-16-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	453	7.0

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: Stewart A Com A LS 2 Separator/Production Pit

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:	2 @ 3'	Date Reported:	05-13-94
Laboratory Number:	7409	Date Sampled:	05-12-94
Sample Matrix:	Soil	Date Received:	05-12-94
Preservative:	Cool	Date Extracted:	05-13-94
Condition:	Cool & Intact	Date Analyzed:	05-13-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	13.3
Toluene	344	40.0
Ethylbenzene	215	20.0
p,m-Xylene	2,580	40.0
o-Xylene	1,120	26.7

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Trifluorotoluene	100 %
Bromofluorobenzene	102 %

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: Stewart A Com A LS 2 Separator/Production Pit C0001

Analyst

Review