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

Energy & Point
DEPUTY OIL & GAS INSPECTOR
JAN 13 97

PIT REMEDIATION AND CLOSURE REPORT

Approved
A0049

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Well Name Florance H 37

Location: Unit or Qtr/Qtr Sec H Sec 6 T 30W R 8W County San Juan

Pit Type: Separator ✓ Dehydrator ___ Other ___

Land Type: BLM ✓, State ___, Fee ___, Other ___

Pit Location: (Attach diagram)

Pit dimensions: length 12', width 12', depth 6'

Reference: wellhead ✓, other ___

Footage from reference: 85

Direction from reference: 20 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:** 6/8/94

Remediation Method: (Check all appropriate sections) Excavation ✓ Approx. cubic yards 32

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 4'

Sample date 6/8/94 Sample time 1230

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) 32

Field headspace(ppm) >1022

TPH 720 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 6/15/94

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

called Earl w/ results 6/15/94

CLIENT: Amoco

ENVIROTECH Inc.

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

PIT NO: A0049

CO. NO: 3721

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: Florance H WELL #: 37 PIT: SEP

QUAD/UNIT: H SEC: 6 TWP: 30N RNG: 8W BM: NM CNTY: SJ ST: NM

QTR/FOOTAGE SE/NW CONTRACTOR: Moss

DATE STARTED: 6/8/94

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: Tom Hanson

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

DISPOSAL FACILITY: Land farm on site CUBIC YARDAGE: 32

LAND USE: Range LEASE: 09717

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 85' FEET S20°W FROM WELLHEAD.

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

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 500 PPM

SOIL AND EXCAVATION DESCRIPTION: - 0 to 3' yello brn silty Sand

3' to bottom - white + yellow grey sandstone (Pit excavated into sandstone bedrock)

- Sample ① @ 4' collected @ 12:30 & sent to lab for TPH (418.1) + BTEX (8020)

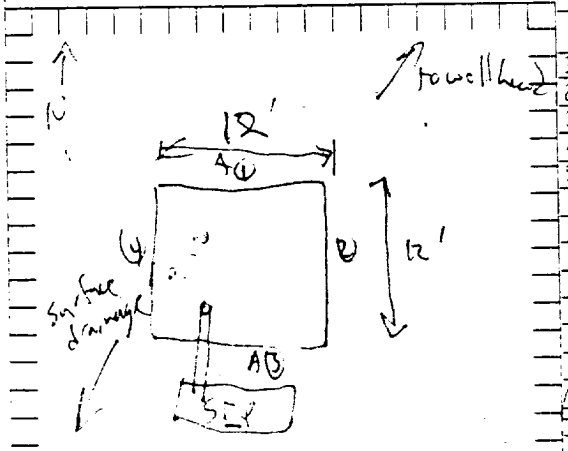
FIELD 418.1 CALCULATIONS

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

SCALE

0 FEET

PIT PERIMETER



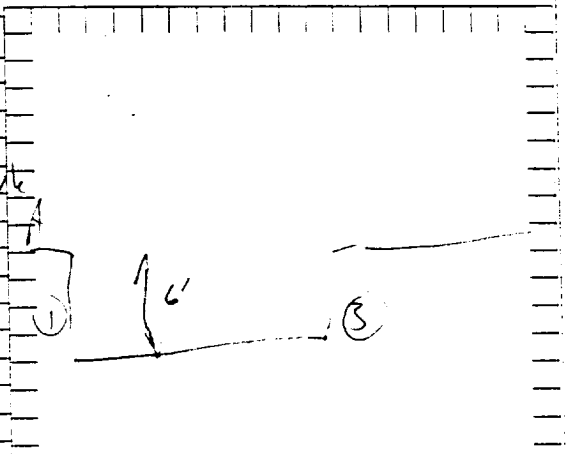
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 BS @ 4'	>1022
2 BS @ 4'	690
3 SS @ 4'	112
4 WS @ 4'	326
5 @	can't collect sample

LAB SAMPLES

① @ 4' TPH + BTEX

PIT PROFILE



TRAVEL NOTES: CALLOUT: 6/8/94 ONSITE: 6/8/94

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:	1 @ 4'	Date Sampled:	06-08-94
Laboratory Number:	7566	Date Received:	06-08-94
Sample Matrix:	Soil	Date Analyzed:	06-13-94
Preservative:	Cool	Date Reported:	06-15-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	720	25.0

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: Florance H #37 Sep Pit -- A0049

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:	1 @ 4'	Date Reported:	06-13-94
Laboratory Number:	7566	Date Sampled:	06-08-94
Sample Matrix:	Soil	Date Received:	06-08-94
Preservative:	Cool	Date Extracted:	06-09-94
Condition:	Cool & Intact	Date Analyzed:	06-11-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	13.4
Toluene	1500	33.5
Ethylbenzene	3000	13.4
p,m-Xylene	ND	13.4
o-Xylene	27500	13

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromofluorobenzene	248 %

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: Florance H #37 Sep Pit A0049.
Excessive surrogate recovery due to coelution.

Analyst

Review