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

Bobby G. Faust
SUPERVISOR & GAS INSPECTOR

JAN 13 97

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

Approved

PIT REMEDIATION AND CLOSURE REPORT

A0048

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Well Name Florance 35

Location: Unit or Qtr/Qtr Sec A Sec 18 T 30N R 8W County San Juan

Pit Type: Separator ✓ Dehydrator ___ Other ___

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

Pit Location: (Attach diagram)

Pit dimensions: length 17', width 17', depth 17'

Reference: wellhead ✓, other ___

Footage from reference: 90

Direction from reference: 45 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 182

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 15'

Sample date 6/8/94 Sample time 1145

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) 64.23

Field headspace(ppm) >1200

TPH 483 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: A0048

CDC NO: 3720

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: Florance WELL #: 35 PIT: SEP

QUAD/UNIT: A SEC: 18 TWP: 30N RNG: 8W BM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: NE/NE CONTRACTOR: Moss

DATE STARTED: 6/8/94

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: Jon Hanson

SOIL REMEDIATION: EXCAVATION APPROX. 17 FT. x 17 FT. x 17 FT. DEEP.

DISPOSAL FACILITY: Landfarm on site CUBIC YARDAGE: 182

LAND USE: Range LEASE: 92-078596-A

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FEET N45°E FROM WELLHEAD.

DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: 71000' NEAREST SURFACE WATER: 71000'

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

SOIL AND EXCAVATION DESCRIPTION:

- sample (1) @ 15' collected @ 11:45 & sent to lab for TPH (418.1) + BTEX (8020)

- 0-17' Red brown to gray lean silty clay dry to slightly moist - petroleum smell

- 17' yellow + green brown sandy siltstone

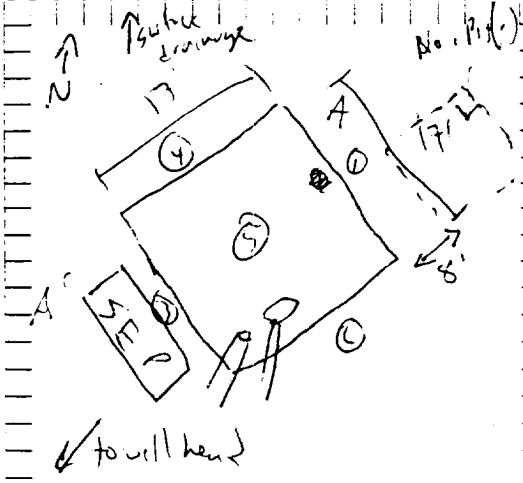
FIELD 418.1 CALCULATIONS

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

SCALE

0 FEET

PIT PERIMETER



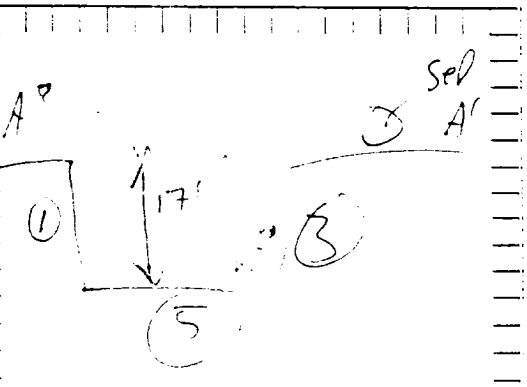
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 NE @ 15'	1200
2 SE @ 14'	750
3 SW @ 15'	752
4 NW @ 14'	735
5 @ 17'	850

LAB SAMPLES

(1) @ 15'	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 @ 15'	Date Sampled:	06-08-94
Laboratory Number:	7565	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	483	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 #35 Sep Pit -- A0048

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 @ 15'	Date Reported:	06-13-94
Laboratory Number:	7565	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	4430	33.5
Ethylbenzene	2500	13.4
p,m-Xylene	53900	13.4
o-Xylene	3400	13

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromofluorobenzene	162 %

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 #35 Sep Pit A0048.
Excessive surrogate recovery due to coelution.

Analyst

Review