

RANKING SCORE (TOTAL POINTS): _____

Date Remediation Started: _____ Date Completed: 5/31/94

Remediation Method: Excavation X Approx. cubic yards 350
(Check all appropriate sections) Landfarmed V Insitu Bioremediation _____
Other _____

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

General Description Of Remedial Action: _____
Excavation

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Sample location see Attached Documents

Closure Sampling: _____
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 6'

Sample date 5/31/94 Sample time 11:35

Sample Results

Benzene(ppm) 37

Total BTEX(ppm) 601.1

Field headspace(ppm) 675

TPH 284 ppm

Ground Water 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 6/15/94

SIGNATURE Buddy D. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

results copied to Johnny 6/16/94

CLIENT: Amoco

ENVIROTECH Inc.

PIT NO Acc37

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

COO NO 3704

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: OMER A WELL #: 3 PIT: SEP

QUAD/UNIT: M SEC: 26 TWP: 28N RNG: 10W BM: Nm CNTY: SS ST: Nm

STR/FOOTAGE SW/SW

CONTRACTOR: ERC

DATE STARTED: 5/31/94

DATE FINISHED: _____

ENVIRONMENTAL SPECIALIST: Tom Hanson

SOIL REMEDIATION: EXCAVATION APPROX. 20 FT. x 20 FT. x 8 FT. DEEP.

DISPOSAL FACILITY: Land farm onsite CUBIC YARDAGE: 350

LAND USE: Rangel LEASE: 82-077085

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 105 FEET N 70° W FROM WELLHEAD

DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMDD RANKING SCORE 0 NMDD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

- Excavated to Bedrock (sandstone)
- 0 to 8' Brown silty sand, slightly moist w/ black staining & odor
- 8' gray to black sandstone
- sample ④ @ 6' collected at 11:35 - sent to lab

FIELD 4181 CALCULATIONS for TPH (418.1) + BTEX (800)

SAMPLE ID	LAB No	WEIGHT (g)	ML. FREON DILUTION	READING	CALC. ppm

SCALE

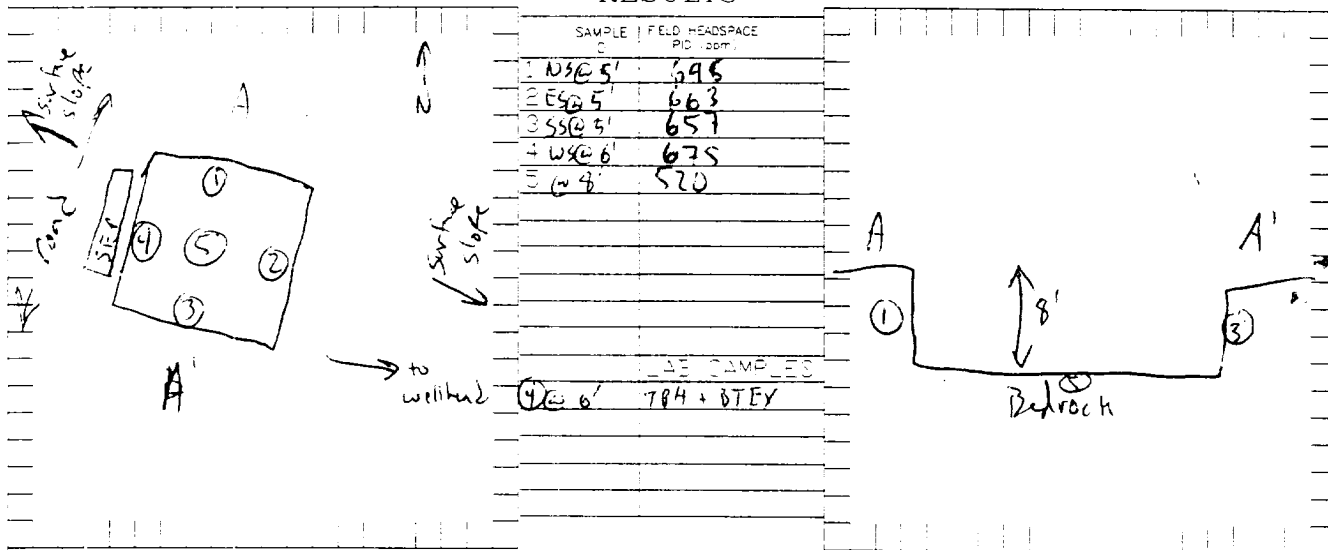
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FEET

PIT PERIMETER

OVM RESULTS

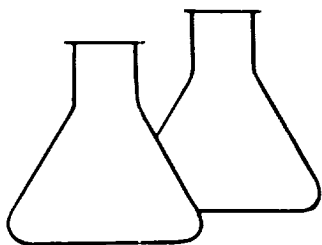
PIT PROFILE



TRAVEL NOTES:

CALCUT: 5/31/94

ON SITE: 5/31/94



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:	4 @ 6'	Date Sampled:	05-31-94
Laboratory Number:	7544	Date Received:	06-06-94
Sample Matrix:	Soil	Date Analyzed:	06-06-94
Preservative:	Cool	Date Reported:	06-07-94
Condition:	Cool and Intact	Analysis Needed:	TPH

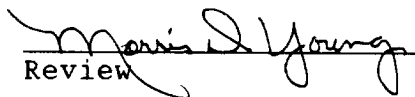
Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	284	25.0

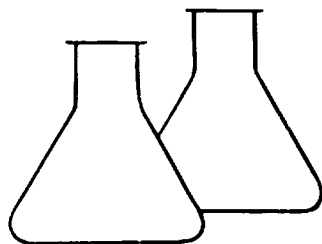
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: Omler A #3 -- A0037 Sep 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:	4 @ 6'	Date Reported:	06-08-94
Laboratory Number:	7544	Date Sampled:	05-31-94
Sample Matrix:	Soil	Date Received:	06-06-94
Preservative:	Cool	Date Extracted:	06-06-94
Condition:	Cool & Intact	Date Analyzed:	06-07-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
-----	-----	-----
Benzene	37000	13.4
Toluene	316000	33.5
Ethylbenzene	7800	13.4
p,m-Xylene	87000	13.4
o-Xylene	153300	13.4

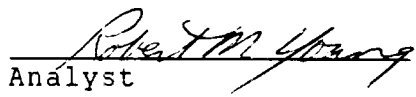
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Bromofluorobenzene	90 %

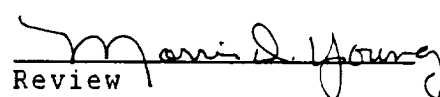
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

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: Omler A #3 Sep Pit A0037.


Analyst


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