

District I

P.O. Box 1980, Hobbs, NM

District *Henry G. Faust*

P.O. Drawer DD, Artesia, NM 88211

District III

1000 Rio Brazos Rd., Aztec, NM 87410

*KJANLI'S 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

**PIT REMEDIATION AND CLOSURE REPORT**

*AC045*

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Madeline N. Galt H 1  
Well Name

Location: Unit or Qtr/Qtr Sec L Sec 1 T 27N R 10W County San Juan

Pit Type: Separator  Dehydrator  Other blow

Land Type: BLM , State , Fee , Other

Pit Location: Pit dimensions: length 21', width 25', depth 14'  
(Attach diagram) Reference: wellhead , other

Footage from reference: 150

Direction from reference: 70 Degrees  East North   
of  
 West South

Depth To Ground Water: Less than 50 feet (20 points)  
(Vertical distance from 50 feet to 99 feet (10 points)  
contaminants to seasonal Greater than 100 feet (0 Points) 0  
high water elevation of ground water)

Wellhead Protection Area: Yes (20 points)  
(Less than 200 feet from a private No (0 points) 0  
domestic water source, or; less than 1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)  
(Horizontal distance to perennial 200 feet to 1000 feet (10 points) 0  
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: \_\_\_\_\_ Date Completed: 6/8/94

Remediation Method: Excavation  Approx. cubic yards 272

(Check all appropriate sections) Landfarmed  Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location: Onsite  Offsite \_\_\_\_\_

(ie. landfarmed onsite, name and location of offsite facility) \_\_\_\_\_

General Description Of Remedial Action: \_\_\_\_\_

Excavation

Ground Water Encountered: No  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 14'

Sample date 6/8/94 Sample time 1045

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) 4,808

Field headspace(ppm) 165

TPH 134 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 6/8/94  
SIGNATURE B. Shaw

PRINTED NAME AND TITLE Buddy D. Shaw  
ENVIRONMENTAL COORDINATOR

results copied to Johnny 6/27/94

CLIENT: Amoco

ENVIROTECH Inc.

PIT NO: A0045

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

JOB NO: 3717

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: Madeleine N. Galt H WELL # 1 PIT: blow  
 QUAD/UNIT: L SEC: 1 TWP: 27N RNG: 10W BM: NM CNTY: SJ ST: NM  
 QTR/FOOTAGE: NW/4 SW/4 CONTRACTOR: EPC

DATE STARTED: \_\_\_\_\_

DATE FINISHED: 6/8/94

ENVIRONMENTAL SPECIALIST: CLG

SOIL REMEDIATION: EXCAVATION APPROX. 21 FT. x 25 FT. x 14 FT. DEEP.  
 DISPOSAL FACILITY: landfarmed on-site CUBIC YARDAGE: 272  
 LAND USE: ranch LEASE: fed. SF-077384

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 150 FEET N70E FROM WELLHEAD  
 DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000  
 NMCCD RANKING SCORE: 0 NMCCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

light yellow brown sand, slightly cohesive, slightly moist

FIELD 418.1 CALCULATIONS

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

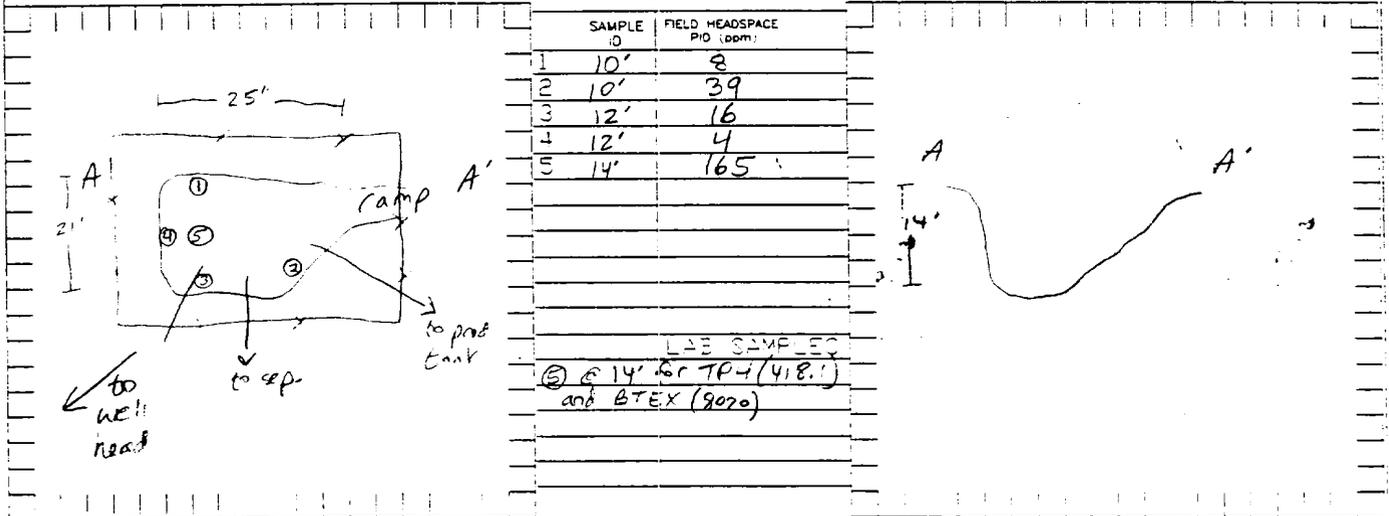
SCALE



0 FEET  
PIT PERIMETER

OVM RESULTS

PIT PROFILE

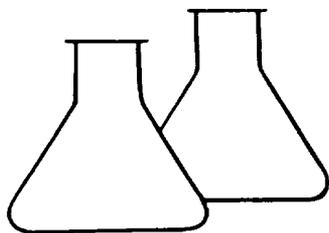


LAB SAMPLED  
 ⑤ @ 14' for TPH (418.1) and BTEX (9020)

TRAVEL NOTES:

CALLOUT: 6/21/94

ON SITE: 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:	5 @ 14'	Date Sampled:	06-08-94
Laboratory Number:	7562	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	134	25.0

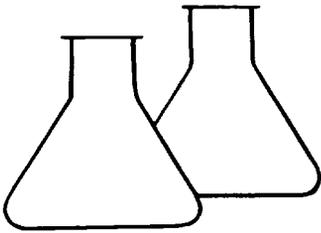
ND = Parameter not detected at the stated detection limit.  
N/A = Not applicable

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

Comments: Madeleine N. Galt H1 Blow Pit -- A0045

Tom Ham  
Analyst

Max D Young  
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 @ 14'	Date Reported:	06-13-94
Laboratory Number:	7562	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	13.3
Toluene	388	33.3
Ethylbenzene	ND	13.3
p,m-Xylene	2820	13.3
o-Xylene	1600	13

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: Madeline N. Galt H1 Blow Pit A0045.

  
Analyst

  
Review