

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer 907, Artesia, NM 88211

District III

DEPUTY OIL & GAS INSPECTOR  
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

FJAN 11 3 47

## PIT REMEDIATION AND CLOSURE REPORT

A0038

Operator: Amoco Production Company Telephone: (505) - 326-9200  
Address: 200 Amoco Court, Farmington, New Mexico 87401  
Facility Or: Riddle A H3  
Well Name  
Location: Unit or Qtr/Qtr Sec NE/VE(A) Sec 18 T 30N R 9W County Sin Juan  
Pit Type: Separator    Dehydrator    Other Production Tank fit  
Land Type: BLM X, State   , Fee   , Other   

Pit Location: Pit dimensions: length 15', width 10', depth 12'  
(Attach diagram) Reference: wellhead X, other     
Footage from reference: 100'  
Direction from reference: 60° Degrees X East North     
of  
   West South X

RECEIVED  
JUN 23 1994

Depth To Ground Water: OIL CON. DIV. DIST. 2  
(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: 6/1/94

Remediation Method: Excavation X (Check all appropriate sections)  
Landfarmed X 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 8' BGS  
Sample date 6/1/94 Sample time 10:00  
Sample Results  
Benzene(ppm) \_\_\_\_\_  
Total BTEX(ppm) \_\_\_\_\_  
Field headspace(ppm) 32  
TPH ND

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

called Earl w/ results 6/15/94

CLIENT: Amoco

ENVIROTECH Inc.

PIT NO: A0038

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

C.O.C. NO: 3705

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: Riddle A

WELL #: 3

PIT: Prod. Tank Pit

DATE STARTED: 6/1/94

QUAD/UNIT: A SEC: 16 TWP: 30N RNG: 9W BM: NM CNTY: SJ ST: NM

DATE FINISHED: \_\_\_\_\_

QTR/FOOTAGE: NE/NE

CONTRACTOR: Moss

ENVIRONMENTAL SPECIALIST: Tom Hanson

SOIL REMEDIATION: EXCAVATION APPROX. 15 FT. x 10 FT. x 12 FT. DEEP.

DISPOSAL FACILITY: landfill ~~on site~~ CUBIC YARDAGE: 200

LAND USE: Range LEASE: SF080243

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 100' FEET S60°E FROM WELLHEAD.

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

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

SOIL AND EXCAVATION DESCRIPTION:

- yellow brown silty sand, slightly moist

- sample ③ @ 8' collected @ 10.00 &  
sent to Lab for TPH analysis (418.1)

FIELD 418.1 CALCULATIONS

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

SCALE



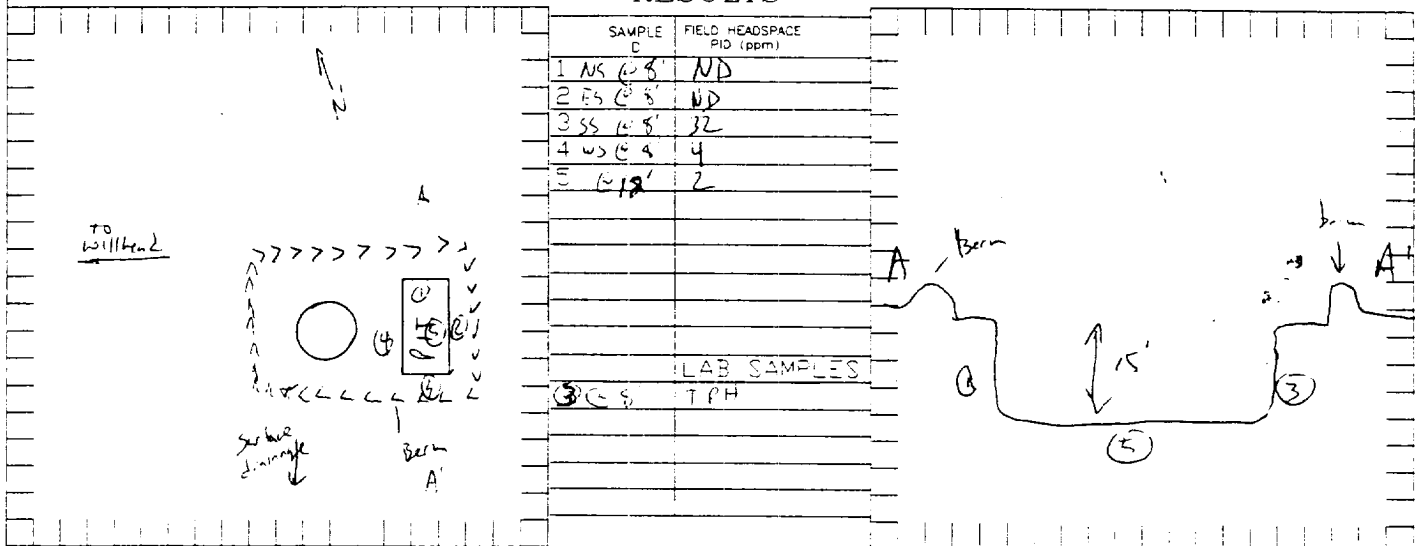
0

FEET

PIT PERIMETER

OVN RESULTS

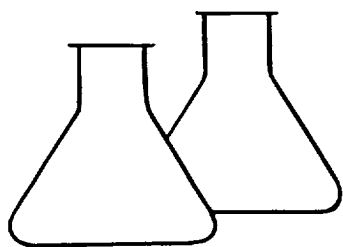
PIT PROFILE



TRAVEL NOTES:

CALLOUT: 5/31/94

ONSITE: 6/1/94



# 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

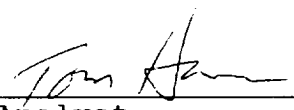
Client:	Amoco	Project #:	92140
Sample ID:	3 @ 8'	Date Sampled:	06-01-94
Laboratory Number:	7545	Date Received:	06-06-94
Sample Matrix:	Soil	Date Analyzed:	06-06-94
Preservative:	Cool	Date Reported:	06-07-94
Condition:	Cool and Intact	Analysis Needed:	TPH

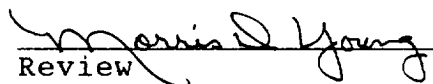
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	ND	25.0

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: Riddle A #3 -- A0038 Prod Pit

  
\_\_\_\_\_  
Analyst

  
\_\_\_\_\_  
Review