

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

80084  
SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: JK Gordon E #1  
Well Name

Location: Unit or Qtr/Qtr Sec K Sec 23 T 27N R 10W County San Juan

Pit Type: Separator    Dehydrator    Other Comp.

Land Type: BLM   , State   , Fee   , Other   

Pit Location: See map Pit dimensions: length 8, width 8, depth 7  
(Attach diagram)

DEPUTY OIL & GAS Reference: wellhead   , other   

DEC 11 9 1990 Date from reference: 100

Direction from reference:    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) 20

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): 10

Date Remediation Started: \_\_\_\_\_ Date Completed: 22 July 1994

Remediation Method: Excavation ☒ Approx. cubic yards 17  
(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 7'

Sample date 22 July 1994 Sample time \_\_\_\_\_

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 7.2

TPH 4755 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

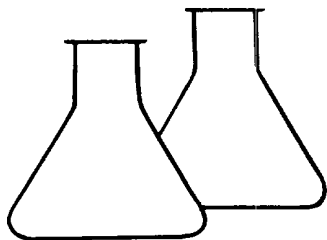
DATE 22 July 1994

SIGNATURE B. Shaw

PRINTED NAME  
AND TITLE

Buddy D. Shaw  
Environmental Coordinator





# 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@7'	Date Sampled:	07-22-94
Laboratory Number:	7740	Date Received:	07-22-94
Sample Matrix:	Soil	Date Analyzed:	07-29-94
Preservative:	Cool	Date Reported:	08-01-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	4755	30.0

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: JC Gordon E#1 Comp Pit A0084

Rex Elffine  
Analyst

Maria J. Young  
Review

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## PIT REMEDIATION AND CLOSURE REPORT

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: JC Gordon E #1  
Well Name

Location: Unit or Qtr/Qtr Sec K Sec 23 T 27N R 10W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: Pit dimensions: length 20, width 25, depth 4  
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 84

Direction from reference: 50 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) 10

### 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): 10

Date Remediation Started: \_\_\_\_\_ Date Completed: 22 July 1994

Remediation Method: Excavation ☒ Approx. cubic yards 74  
(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 4'

Sample date 22 July 1994 Sample time \_\_\_\_\_

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 0.7

TPH ND

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 22 July 1994

SIGNATURE B.D. Shaw

PRINTED NAME  
AND TITLE

Buddy D. Shaw  
Environmental Coordinator

CLIENT: Arnold

ENVIROTECH Inc.

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

PIT NO: A0084

C.E.C. NO. 3811

## FIELD REPORT: CLOSURE VERIFICATION

JCS No: 72140

PAGE No: 1 of 1

LOCATION: NAME: 1C Girdex E WELL #: 1 PIT: SEP

DATE STARTED: \_\_\_\_\_  
DATE FINISHED: 22 Jun 94

QUAD/UNIT: K SEC: 23 TWP: 27N RNG: 10W BM: NM CNTY: SJ ST: NA

ENVIRONMENTAL  
SPECIALIST: *FM*

QTR/FOOTAGE: NE/4 SW/4 CONTRACTOR: - EPL

SOIL REMEDIATION: EXCAVATION APPROX. 20 FT. x 25 FT. x 4 FT. DEEP.

DISPOSAL FACILITY: LAND FILL - ON SITE CUBIC YARDAGE: 74

LAND USE: RANGE BLM LEASE: 5F-077932

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 84 FEET 50° E of S FROM WELLHEAD.

DEPTH TO GROUNDWATER: 100' GAS 50 NEAREST WATER SOURCE: > 1000 NEAREST SURFACE WATER: > 1000

NMCCD RANKING SCORE: 70 NMCCD TPH CLOSURE STD: 1000 ppm

SOIL AND EXCAVATION DESCRIPTION: 0-3' Soil is yellow-brown Silty Sand, Moist  
3'-3½' Soil is Brown Clay  
3½'-4' Soil is yellow Brown, Sandy clay - dry

## FIELD 418.1 CALCULATIONS

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

SCALE



0

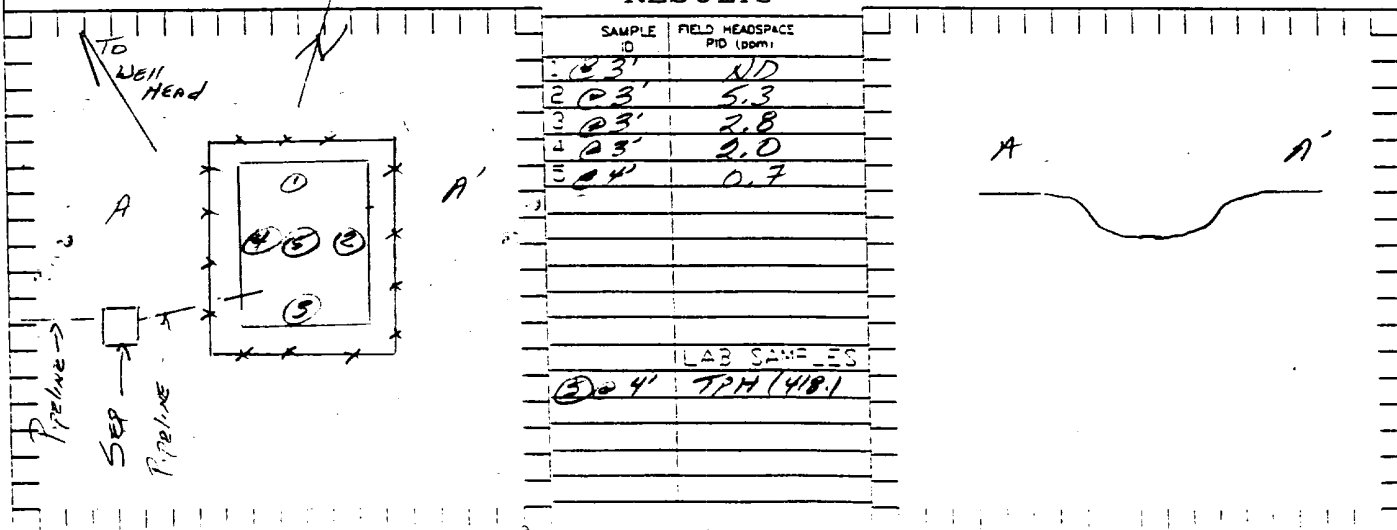
FEET

PIT PERIMETER

OVM

## RESULTS

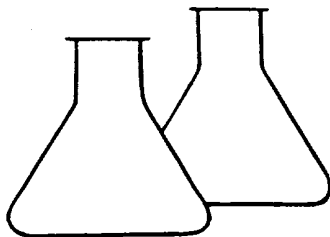
# PIT PROFILE



TRAVEL NOTES

2004

2000



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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:	504'	Date Sampled:	07-22-94
Laboratory Number:	7739	Date Received:	07-22-94
Sample Matrix:	Soil	Date Analyzed:	07-29-94
Preservative:	Cool	Date Reported:	08-01-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	ND	30.0

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: JC Gordon E#1 Sep Pit A0084

Barry J. Young  
Analyst

Thomas D. Young  
Review