

District I

P.O. Box 1980, Hobbs, NM

~~District II~~ *7001*
P.O. Drawer 100, Artesia, NM 88211
DEPUTY OIL & GAS INSPECTOR

1000 Rio Brazos Rd., Aztec, NM 87410

JAN 11 1983

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

A0027

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: E.E. Elliott B-1
Well Name

Location: Unit or Qtr/Qtr sec K sec 27 T 30N R 9W County San Juan

Pit Type: Separator Dehydrator Other blow

Land Type: BLM ✓, State , Fee , Other

Pit Location: Pit dimensions: length 40', width 40', depth 17'
(Attach diagram)

Reference: wellhead ✓, other

Footage from reference: 215

Direction from reference: 33 Degrees ✓ East North ✓
of
 West South

RECEIVED
JUN 23 1994

Depth To Ground Water: OIL CON. DIV.
(Vertical distance from DIST. 3 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: 5/24/94

Remediation Method: Excavation ☒ Approx. cubic yards 1007
(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 17'

Sample date 5/24/94 Sample time 1355

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 7

TPH 32.6 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 5/24/94

SIGNATURE B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw

lease # SF-078130

CLIENT: Amoco

ENVIROTECH Inc.

PIT NO: A0027

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

C.D.C. NO: 3686

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 02140

PAGE No: 1 of 1

LOCATION: LEASE: E.E. Elliott B WELL #: 1 PIT: blow

DATE STARTED: _____

UNIT: K SEC: 27 TWP: 30N RNG: 9W BM: Nm CNTY: SJ ST: Nm

DATE FINISHED: 5/24/94

CONTRACTOR: Moss Excavation

ENVIRONMENTAL SPECIALIST: *CLG*

SOIL REMEDIATION: EXCAVATION APPROX. 40 FT. x 40 FT. x 17 FT. DEEP.

DISPOSAL FACILITY: *landfarmed on-site*

LAND USE: Forest

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 215 FEET N33E FROM WELLHEAD.

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

NMDCD RANKING SCORE: 0 NMDCD TPH CLOSURE STD: 5000 PPB

SOIL AND EXCAVATION DESCRIPTION:

light yellow brown sand with some silt, slightly cohesive, slightly moist

FIELD 418.1 CALCULATIONS

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

SCALE



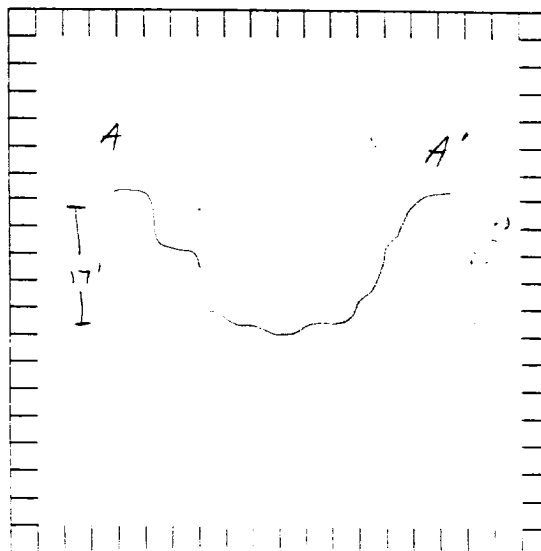
0 FEET

PIT PERIMETER

OVM RESULTS

[illegible]

PIT PROFILE



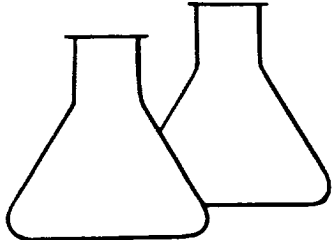
TRAVEL NOTES:

CALLOUT:

5/24/94

CNSITE

$$= 174 \text{ la.}$$



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 @ 17'	Date Sampled:	05-24-94
Laboratory Number:	7516	Date Received:	05-24-94
Sample Matrix:	Soil	Date Analyzed:	05-26-94
Preservative:	Cool	Date Reported:	05-26-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	32.6	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: E.E. Elliott B-1 Blow Pit A0027

Tony Testons
Analyst

Maris D. Young
Review

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

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PIT REMEDIATION AND CLOSURE REPORT

A0027

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: E.E. Elliott B-1

Well Name

Location: Unit or Qtr/Qtr Sec K sec 27 T 30N R 9W County San Juan

Pit Type: Separator Dehydrator Other Compressor

Land Type: BLM ✓, State , Fee , Other

Pit Location: Pit dimensions: length 12', width 14', depth 14'
(Attach diagram)

Reference: wellhead ✓, other

Footage from reference: 50

Direction from reference: 30 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: 5/24/94

Remediation Method: Excavation ☒ Approx. cubic yards 87
(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 5/24/94 Sample time 1300

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) 13.8

Field headspace(ppm) 602

TPH 233 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 5/24/94

SIGNATURE B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw

RESULTS TO ENCL R. 6-1-99 R.E.

lease # SF-078139

CLIENT: Amoco

ENVIROTECH Inc.

PIT No: A00275796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615C.O.C. No: 3686

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140PAGE No: 1 of 1LOCATION: LEASE: E.E. Elliott B WELL #: 1 PIT: Comp.
UNIT: K SEC: 27 TWP: 30N RNG: 9W BM: NM CNTY: SJ ST: NM
CONTRACTOR: Moss ExcavationDATE STARTED: 5/24/99
DATE FINISHED: 5/24/99ENVIRONMENTAL
SPECIALIST: CLGSOIL REMEDIATION: EXCAVATION APPROX. 12 FT. x 14 FT. x 14 FT. DEEP.DISPOSAL FACILITY: landfarmed on-siteLAND USE: rangeFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 50 FEET N30W FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST SURFACE WATER: >1000 NEAREST WATER SOURCE: >1000NMOC Ranking SCORE: 0 NMOC TPH CLOSURE STD: 5000 PPM

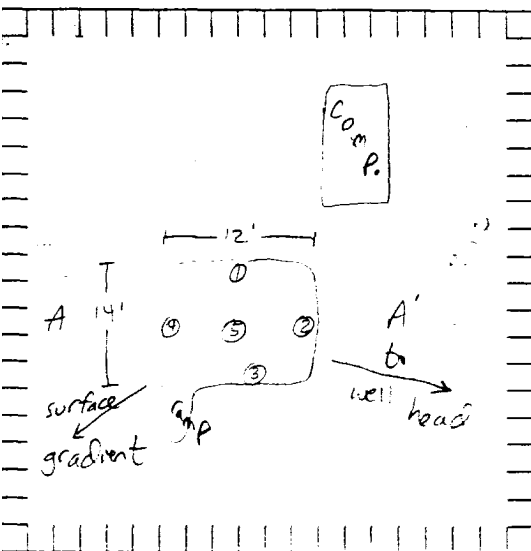
SOIL AND EXCAVATION DESCRIPTION:

light yellow brown sand, non-cohesive, slightly moist, odor

FIELD 418.1 CALCULATIONS

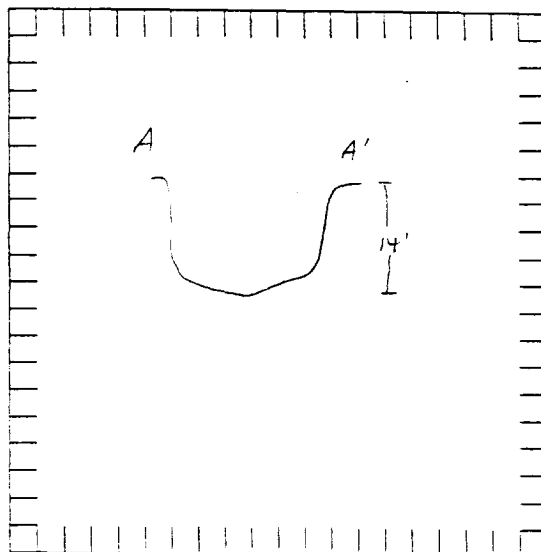
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE

0 FEET
PIT PERIMETER NOVM
RESULTS

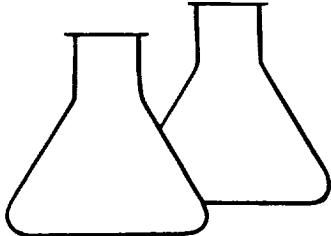
SAMPLE ID	FIELD HEADSPACE PID (ppm)
N 0.11'	668
E 0.11'	547
S 0.09'	648
W 0.12'	576
CE 0.14'	602
for TPH(418.1)	
BT EX 1020	

PIT PROFILE



TRAVEL NOTES:

CALLOUT: 5/24/99ONSITE: 5/24/99



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:	05-24-94
Laboratory Number:	7515	Date Received:	05-24-94
Sample Matrix:	Soil	Date Analyzed:	05-26-94
Preservative:	Cool	Date Reported:	05-26-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	233	25.0

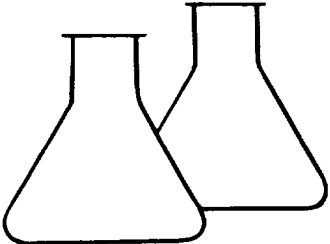
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: E.E. Elliott B-1 Comp Pit A0027

Tony Testano
Analyst

Morris 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:	05-25-94
Laboratory Number:	7515	Date Sampled:	05-24-94
Sample Matrix:	Soil	Date Received:	05-24-94
Preservative:	Cool	Date Extracted:	05-24-94
Condition:	Cool & Intact	Date Analyzed:	05-25-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	13.3
Toluene	950	39.8
Ethylbenzene	232	26.5
p,m-Xylene	8,500	39.8
o-Xylene	4,120	53


SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	102 %
	Bromofluorobenzene	100 %


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: E.E. Elliott B-1 Compressor Pit A0027


Analyst


Review