

District I
P.O. Box 1980, Hobbs, NM

District II
P.O. Box 1980, Hobbs, NM 88241

District III
P.O. Box 1980, Hobbs, NM 88241

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

JAN 13 1987

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: E.E. Elliott A3
Well Name

Location: Unit or Qtr/Qtr Sec L Sec 15 T 30N R 9W County San Juan

Pit Type: Separator Dehydrator Other blow

Land Type: BLM ☒, State ☐, Fee ☐, Other ☐

Pit Location: Pit dimensions: length 25', width 25', depth 22'
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 200

Direction from reference: 80 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

lease # SF-078139

CLIENT: *Amaco*

ENVIROTECH Inc.

PIT NO: A0014

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

C.D.C. NO: 3634

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: LEASE: E.E. Elliott

WELL #: A3

PIT: How

DATE STARTED:

UNIT: L SEC: 15 TWP: 30N RNG: 9W BM: NM CNTY: SJ ST: NM

DATE FINISHED: 5/17/94

CONTRACTOR: Moss Excavation

ENVIRONMENTAL SPECIALIST: *CLG*

SOIL REMEDIATION: EXCAVATION APPROX. 25 FT. x 25 FT. x 22 FT. DEEP.

DISPOSAL FACILITY: landfirmed on-site

LAND USE: Range

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 200 FEET S80°W FROM WELLHEAD.

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

NMCD RANKING SCORE: 6 NMCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

dark yellow brown sand with some clay; slightly moist

staining on east wall

bottom of excavation completed in rock - excavation cannot continue in this direction

sample ⑤ taken from just above sandstone

FIELD 418.1 CALCULATIONS

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

SCALE

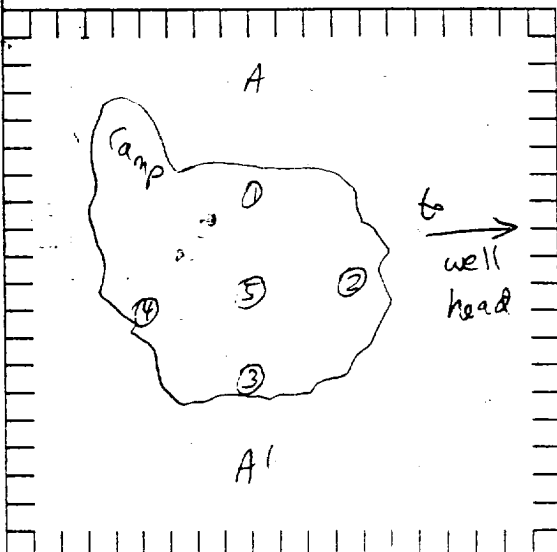


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FEET

PIT PERIMETER

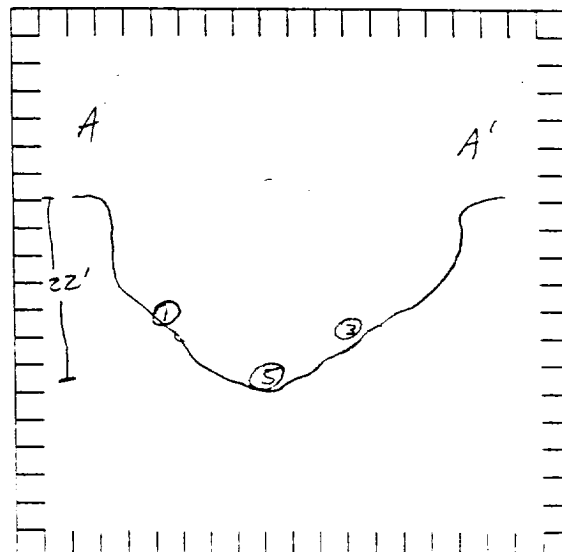
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OVM RESULTS

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PIT PROFILE



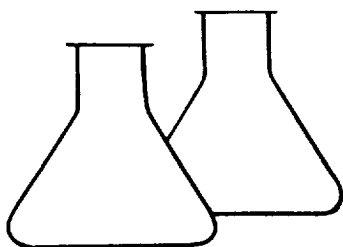
TRAVEL NOTES:

CALL OUT:

5/17/94

CNSITE

5/17/94



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 @ 22'	Date Sampled:	05-17-94
Laboratory Number:	7445	Date Received:	05-17-94
Sample Matrix:	Soil	Date Analyzed:	05-20-94
Preservative:	Cool	Date Reported:	05-20-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	14,300	150

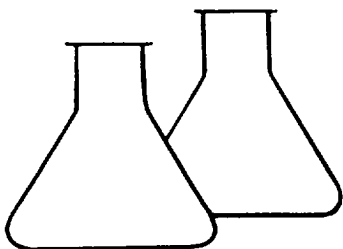
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: E. E. Elliott A3 Blow Pit A0014

Tony Tristano
Analyst

Maris 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 @ 22'	Date Reported:	05-18-94
Laboratory Number:	7445	Date Sampled:	05-17-94
Sample Matrix:	Soil	Date Received:	05-17-94
Preservative:	Cool	Date Extracted:	05-18-94
Condition:	Cool & Intact	Date Analyzed:	05-18-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
-----	-----	-----
Benzene	396	19.9
Toluene	29,100	60
Ethylbenzene	5,200	19.9
p,m-Xylene	100,200	49.8
o-Xylene	42,900	70

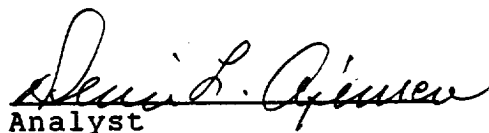
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Trifluorotoluene	98 %
	Bromofluorobenzene	99 %

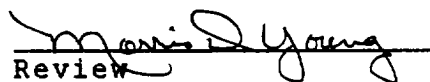
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

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 A3 Blow Pit A0014


Analyst


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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Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

A0014

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: E.E. Elliott A3
Well Name

Location: Unit or Qtr/Qtr Sec L Sec 15 T 30N R 9W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒, State ☐, Fee ☐, Other ☐

Pit Location: Pit dimensions: length 22', width 22', depth 13'
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 125

Direction from reference: 78 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

Page # SF-078139

CLIENT: Amoco

ENVIROTECH Inc.

PIT NO: A0014

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

C.D.C. NO: 3635

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: LEASE: E.E. Elliott WELL #: A3 PIT: Sep.

DATE STARTED: _____

DATE FINISHED: 5/17/94

UNIT: L SEC: 15 TWP: 30N RNG: 9W BM: NM CNTY: SJ ST: NM

ENVIRONMENTAL
SPECIALIST: CLG

CONTRACTOR: Moss Excavation

SOIL REMEDIATION: EXCAVATION APPROX. 22 FT. x 22 FT. x 13 FT. DEEP.

DISPOSAL FACILITY: landfirmed on-site

LAND USE: Range

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 125 FEET N 78 E FROM WELLHEAD.

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

NMOC Ranking Score: 0 NMOC TPH Closure Std: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

dark yellow brown sand; slightly moist;
staining visible on N and W walls - excavation cannot continue in these directions due to
sep and tank

FIELD 418.1 CALCULATIONS

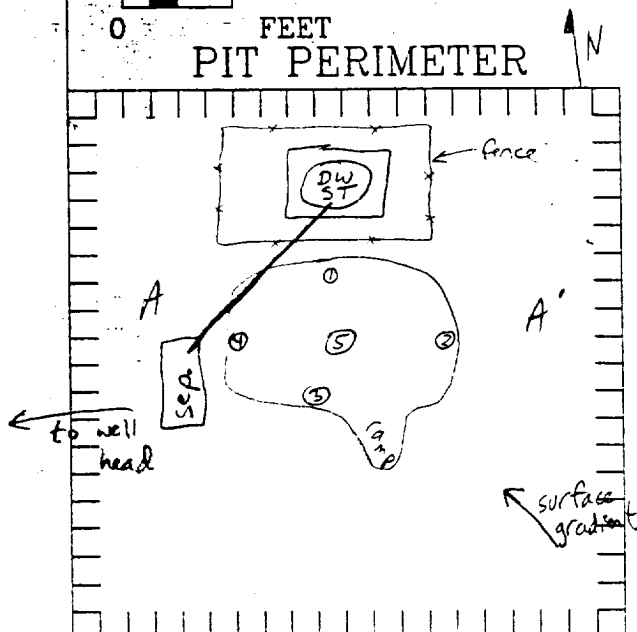
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE



0 - FEET

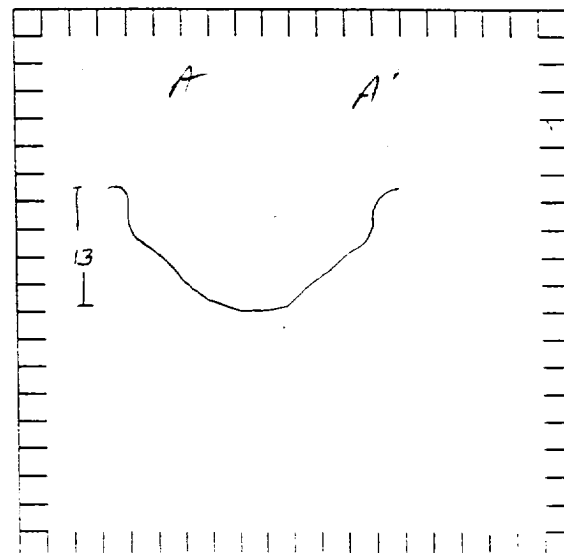
PIT PERIMETER



OVM RESULTS

[illegible]

PIT PROFILE



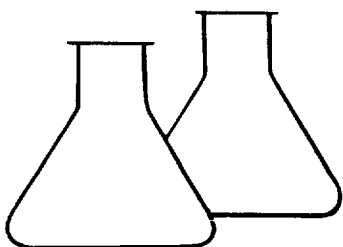
TRAVEL NOTES:

CALL OUT:

5/17/94

ON SITE

5/17/94



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	1 @ 11'	Date Reported:	05-18-94
Laboratory Number:	7446	Date Sampled:	05-17-94
Sample Matrix:	Soil	Date Received:	05-17-94
Preservative:	Cool	Date Extracted:	05-18-94
Condition:	Cool & Intact	Date Analyzed:	05-18-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	19.8
Toluene	1,620	59
Ethylbenzene	560	19.8
p,m-Xylene	5,500	49.4
o-Xylene	6,400	69

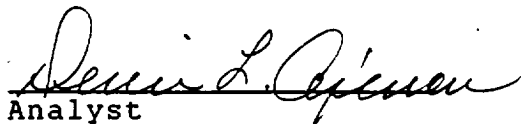
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	99 %

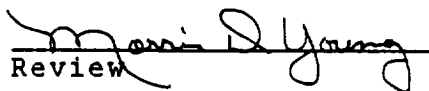
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

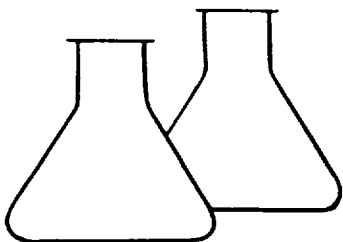
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: E.E. Elliott A3 Separator Pit A0014


Analyst


Review



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 @ 13'	Date Sampled:	05-17-94
Laboratory Number:	7447	Date Received:	05-17-94
Sample Matrix:	Soil	Date Analyzed:	05-20-94
Preservative:	Cool	Date Reported:	05-20-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	157	15.0

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 A3 Sep Pit A0014

Tony Tistano
Analyst

Morris D. Young
Review