

Location Pit Closure Report / Record

287 287

Well Name: MARTIN GAS COM E #1 MTR#: 75-161
 EPNG

Well Oper.: AMOCO PROD CO P/L District: ANGEL PEAK
0203

Co-ordinate Information:

Unit: L

Section: 15

Township: 27

Range: 10

Pit Type: LOCATION Drip

Length: 14'

Width: 15' 2"

Duck Netting: Yes ☐ No ☒

Fill Dirt: Yes ☐ No ☒

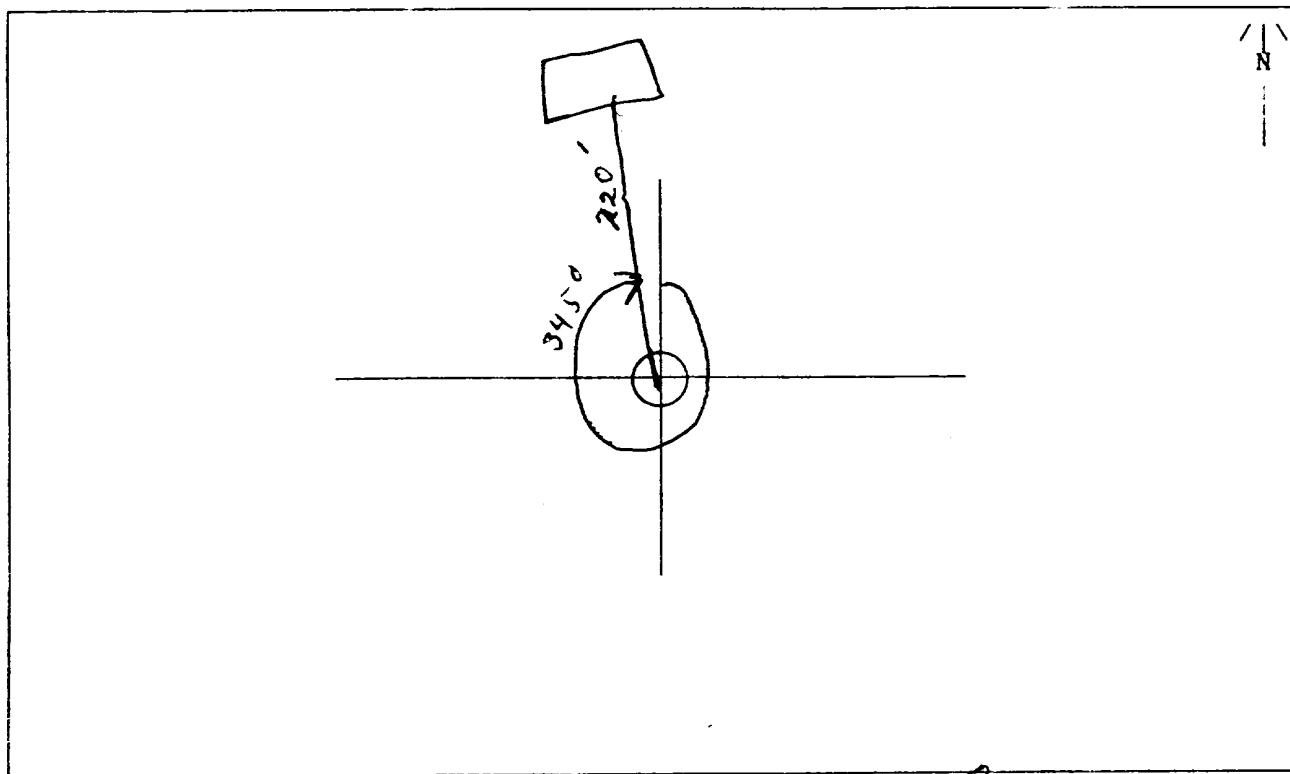
Approx. cu.yds.:

Vacuum Truck: Yes ☐ No ☒

Approx. Bbls:

Date Started: 4-14-92

Date Completed: 4-14-92



Bill Carter
 Signature of Inspector

Remarks: Center is from Well head

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

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

PIT REMEDIATION AND CLOSURE REPORT

Pit # A0093

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility or: MARTIAL GAS COM E #1
Well Name
Location: Unit or Qtr/Qtr Sec 2 Sec 15 T 27N R 10W County SAN JUAN
Pit Type: Separator Dehydrator Other Blow
Land Type: BLM State Fee Other COM. AGMT.

Pit Location: Pit dimensions: length 30, width 30, depth 6
(Attach diagram)
Reference: wellhead other
FOOTAGE FROM REFERENCE: 140
DEC 11 9 1996
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) 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): 20

Date Remediation Started: _____ Date Completed: 6 Aug. 1994

Remediation Method: Excavation ☒ Approx. cubic yards 200
(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 6'

Sample date 6 Aug 1994 Sample time _____

Sample Results

Benzene(ppm) 0.271

Total BTEX(ppm) 11.361

Field headspace(ppm) 394

TPH 5100 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 Aug 1994
SIGNATURE B.D. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

BTEX - Passed
TPH - Failed
5100 ppm

CLIENT: Ameo ENVIROTECH Inc.
5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615
PIT NO: A0093
C.D.C. NO: 3837

FIELD REPORT: CLOSURE VERIFICATION
JOB No: 92140
PAGE No: 1 of 1
LOCATION: NAME: MARTIN GAS CUM F WELL #: 1 PIT: - 810W
QUAD/UNIT: L SEC: 15 TWP: 27N RNG: 10W BM: NM CNTY: 5 ST: NM
QTR/FOOTAGE: 1W/4 SW/4 CONTRACTOR: EPC
DATE STARTED: 6 Aug 94
DATE FINISHED: 6 Aug 94
ENVIRONMENTAL SPECIALIST: FM

SOIL REMEDIATION: EXCAVATION APPROX. 30 FT. x 30 FT. x 6 FT. DEEP.
DISPOSAL FACILITY: LANDFARM ON-SITE CUBIC YARDAGE: 200
LAND USE: BLM - Range LEASE: SF. 097329

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 140 FEET WEST FROM WELLHEAD.
DEPTH TO GROUNDWATER: 50-60-100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
NMOC RANKING SCORE: 10 NMOC TPH CLOSURE STD: 100 ppm

SOIL AND EXCAVATION DESCRIPTION: Soil is yellow-brown, slightly moist, silty sand
@ TD = 6' Soil is gray brown clay

FIELD 418.1 CALCULATIONS

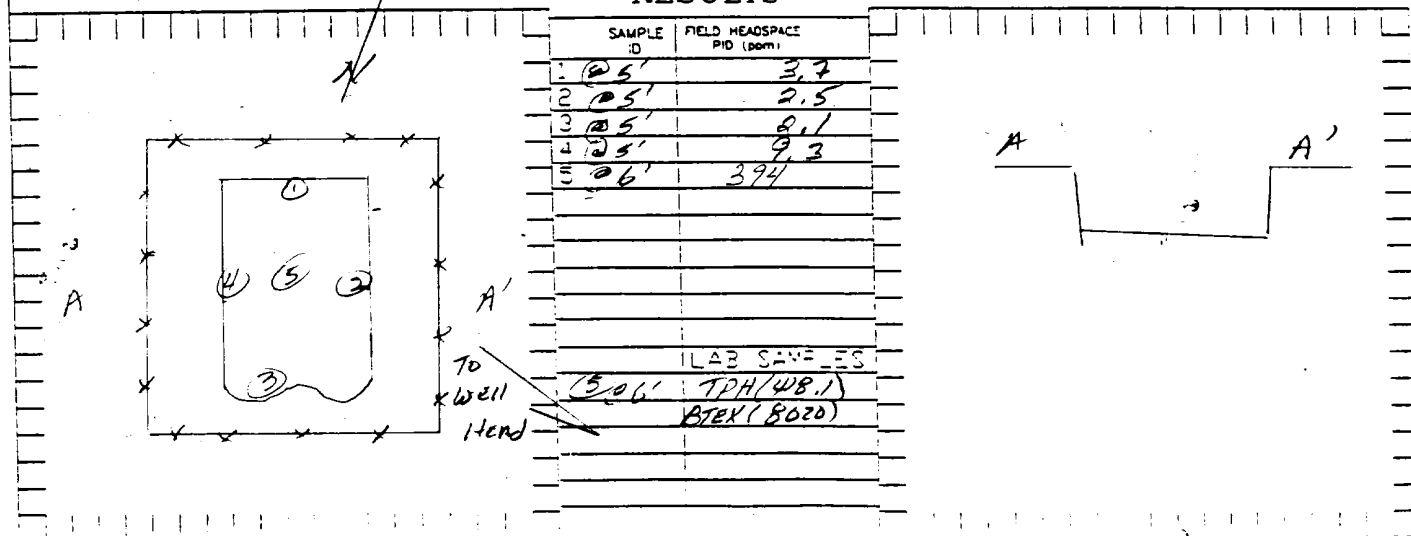
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREQ. DILUTION	READING	CALC. ppm

SCALE
0  FEET

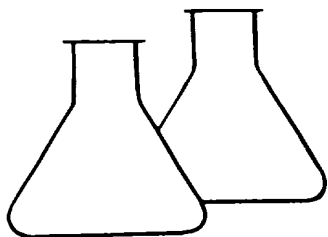
PIT PERIMETER

OVM RESULTS

PIT PROFILE



TRAVEL NOTES CALLOUT DATE



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:	506'	Date Sampled:	07-28-94
Laboratory Number:	7770	Date Received:	07-28-94
Sample Matrix:	Soil	Date Analyzed:	08-09-94
Preservative:	Cool	Date Reported:	08-09-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	5100	30.0

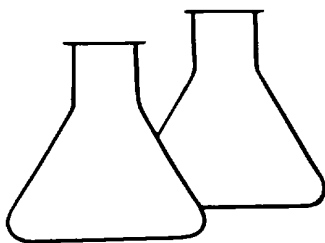
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: MARTIN GAS COM E #1 BLOW PIT A0093

Rex D. Hauffin
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:	506'	Date Reported:	08-15-94
Laboratory Number:	7770	Date Sampled:	08-06-94
Sample Matrix:	Soil	Date Received:	08-08-94
Preservative:	Cool	Date Extracted:	08-08-94
Condition:	Cool & Intact	Date Analyzed:	08-11-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	271	19.8
Toluene	2340	19.8
Ethylbenzene	1060	13.2
p,m-Xylene	5600	19.8
o-Xylene	2090	19.8

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	108 %

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: MARTIN GAS COM E # 1 BLOW PIT A0093

Reed L. Griffin
Analyst

Morris D. Young
Review

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Azusa, 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
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A0093
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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: MARTIN CAS COM E #1
Well Name
Location: Unit or Qtr/Qtr Sec 2 Sec 15 T 14N R 10W County SAN JUAN
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: BLM ☒ State ☐ Fee ☐ Other COM. AGMT.

Pit Location: Pit dimensions: length 25, width 20, depth 5
(Attach diagram) Reference: wellhead ☒, other ☐
Footage from reference: 135
Direction from reference: ☐ 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) 10
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,
irrigation canals and ditches) Greater than 1000 feet (0 points)

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: _____ Date Completed: 6 Aug. 94

Remediation Method: Excavation ☒ (Check all appropriate sections) Landfarmed ☒ Approx. cubic yards 93 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:

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached Documents

Sample depth 5'

Sample date 6 Aug 1994

Sample time _____

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 13.7

TPH 4050 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 Aug 1994

SIGNATURE

B.D. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

TPH- Failed
4050 PPM

CLIENT: Amoco ENVIROTECH Inc.
5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615
PIT NO: A0093
C.E.C. NO: 3837

FIELD REPORT: CLOSURE VERIFICATION
JOB No: 92140
PAGE No: 1 of 1

LOCATION: NAME: MARTIN GAS CO. E WELL # 1 PIT: SEP
QUAD/UNIT: L SEC: 15 TWP: 27N RNG: 10W BM: NM CNTY: 55 ST: NM
QTR/FOOTAGE: NW/4 SW/4 CONTRACTOR: EPC
DATE STARTED: 6 Aug 94
DATE FINISHED: 6 Aug 94
ENVIRONMENTAL SPECIALIST: FA

SOIL REMEDIATION: EXCAVATION APPROX. 25 FT. x 20 FT. x 5 FT. DEEP.
DISPOSAL FACILITY: Landfarm ON SITE CUBIC YARDAGE: 93
LAND USE: BLM Range LEASE: SF-077329

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 135 FEET N FROM WELLHEAD.
DEPTH TO GROUNDWATER: < 6" < 100' NEAREST WATER SOURCE: > 1000 NEAREST SURFACE WATER: > 1200
NMCD RANKING SCORE: 10 NMCD TPH CLOSURE STD: 1000 ppm

SOIL AND EXCAVATION DESCRIPTION: Soil is Gray-Brown (14) Silty SAND,
Slightly moist.
Bedrock @ TD = 5'

FIELD 418.1 CALCULATIONS

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

SCALE



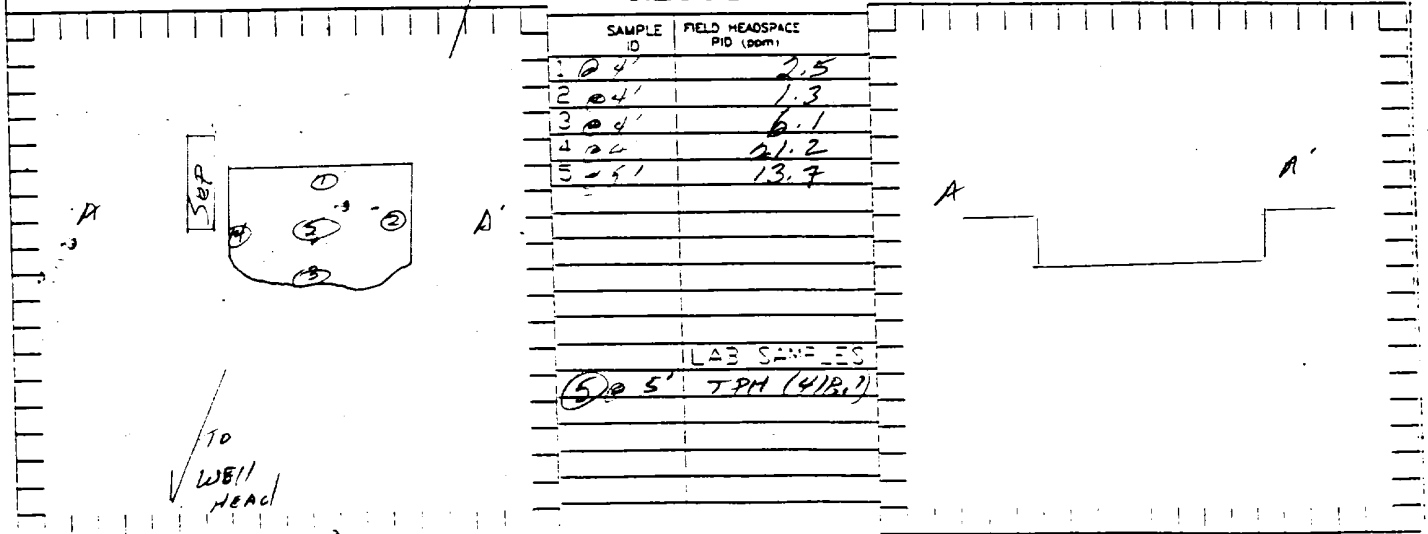
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FEET

PIT PERIMETER

OVN RESULTS

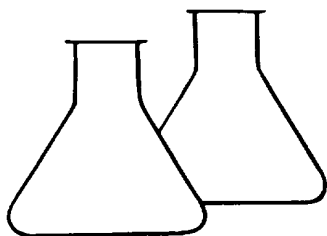
PIT PROFILE



TRAVEL NOTES

CALCULATED

DATE



ENVIROTECH LABS

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

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

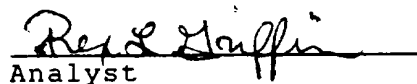
Client:	Amoco	Project #:	92140
Sample ID:	505'	Date Sampled:	07-28-94
Laboratory Number:	7769	Date Received:	07-28-94
Sample Matrix:	Soil	Date Analyzed:	08-09-94
Preservative:	Cool	Date Reported:	08-09-94
Condition:	Cool and Intact	Analysis Needed:	TPH

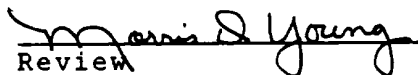
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	4050	30.0

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: MARTIN GAS COM E #1 SEP PIT A0093


Analyst


Review