

C4954

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 87003

P.O. Box 2088, Santa Fe, NM 87504

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State of New Mexico
Energy, Minerals and Natural Resources DepartmentSUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: MARTINEZ GC G #1

Well Name

Location: Unit or Qtr/Qtr Sec A Sec 24 T 29N R 10W County SAN JUAN

Pit Type: Separator Dehydrator ☒ Other

Land Type: BLM , State , Fee ☒, Other

Pit Location: Pit dimensions: length 35', width 20', depth 9'
(Attach diagram)

Reference: wellhead ☒, other

Footage from reference: 126'

Direction from reference: 18 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) 20
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)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 20
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 40

Date Remediation Started: _____ Date Completed: 1/6/94

Remediation Method: Excavation ☒ Approx. cubic yards 200
 (Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____
 Other _____

Remediation Location: Onsite ☒ Offsite ☒ Amoco's CROUCH MESA FACILITY.
 (ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation. GROUNDWATER IMPACTED. FURTHER REMEDIAL ACTION

REQUIRED.

Ground Water Encountered: No _____ Yes ☒ Depth 9'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' (NORTHEAST SIDEWALL)Sample date 1/5/94 Sample time 0950

Sample Results

Benzene(ppm) _____

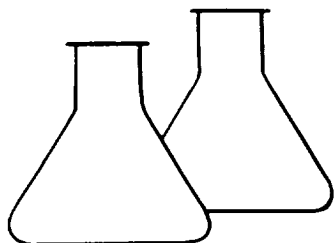
Total BTEX(ppm) _____

Field headspace(ppm) _____

TPH 12,900 ppmGround 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 1/6/94
 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:	1 @ 6'	Date Sampled:	01-05-94
Laboratory Number:	6705	Date Received:	01-05-94
Sample Matrix:	Soil	Date Analyzed:	01-06-94
Preservative:	Cool	Date Reported:	01-06-94
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	12,900	100

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: Martinez GC G1 Dehydrator Pit

Tony Tristano
Analyst

Morris D. Young
Review

ENVIROTECH Inc.

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

C4954
LOC 3558

FIELD REPORT: SITE ASSESSMENT

JOB No: 92140
PAGE No: 1 of 1

PROJECT: PIT ASSESSMENT
CLIENT: Amco Prod Co.
CONTRACTOR: ENVIROTECH INC.
EQUIPMENT USED: TRACKHOE - P. VELASQUEZ

DATE STARTED: 5/2/94
DATE FINISHED: 5/2/94
ENVIRO. SPCLT: NV
OPERATOR: -
ASSISTANT: -

LOCATION: LEASEMARTINEZ WELL: GC G1 QD: NE 1/4 NE 1/4
SEC: 24 TWP: 29N RNG: 9W PM: NW CNTY: SAN JUAN ST: NM PIT: DEHY

LAND USE: RANGE

SURFACE CONDITIONS: ACCESS ROAD

FIELD NOTES & REMARKS: TEST HOLE LOCATIONS: TH#1 55E 21 172
TH#2 52SE 35 212
TH#3 54SE 35 212
TH#4 52TE 29.5 242.5
FROM WELL HEAD 143'

COLLECTED LCB SAMPLES

T1 @ GW(4') BTEX
T3 @ GW(3') BTEX
T4 @ 2' TPH (418.1)

TEST HOLE LOGS:

TH#	SOIL TYPE	SMPL TYPE	OVM/TPH
1	DK. YELL.	GROUND SURFACE	
2			
3	SP		0.0
4	BLK		643
5	TD		4 1/2'
	GW		4'

TH#	SOIL TYPE	SMPL TYPE	OVM/TPH
2	DK. YELL.	ORANGE	
	MED GRAY		
	SP		1014
	TD		4'
	GW		4'

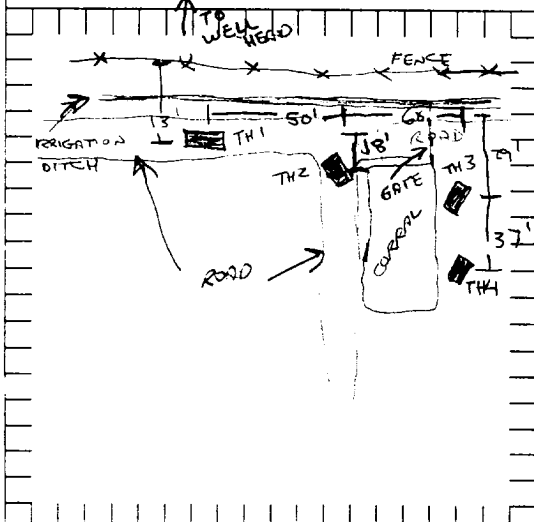
TH#	SOIL TYPE	SMPL TYPE	OVM/TPH
3	DK. YELL.	BROWN	
	MED. TO DK. GRAY		
	SP		813
	TD		3 1/2'
	GW		3'

TH#	SOIL TYPE	SMPL TYPE	OVM/TPH
4	DK. YELL.	BROWN	
	SP		10.8
	TD		2'
	GW		2'?

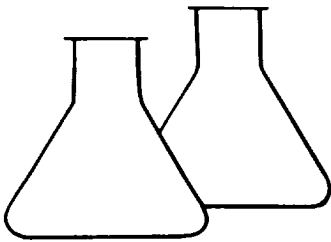
SCALE



FEET
SITE DIAGRAM



SOIL TYPE: C - Clay, M - Silt, S - Sand, G - Gravel Plasticity: L - None, H - Plastic Grading: P - Poor, W - Well



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
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EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	T 1 @ GW (4')	Date Reported:	05-03-94
Laboratory Number:	7336	Date Sampled:	05-02-94
Sample Matrix:	Water	Date Received:	05-03-94
Preservative:	HgCl and Cool	Date Analyzed:	05-03-94
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
-----	-----	-----
Benzene	13.7	1.0
Toluene	36.6	3.0
Ethylbenzene	37.2	1.5
p,m-Xylene	358	3.0
o-Xylene	206	2.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Trifluorotoluene	101 %
	Bromofluorobenzene	101 %

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

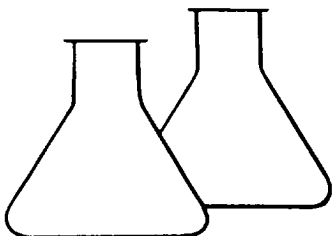
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: Martinez GC G1 Dehy. Pit C4954

Dennis L. Jensen
Analyst

Mari 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:	T 3 @ GW (3')	Date Reported:	05-03-94
Laboratory Number:	7337	Date Sampled:	05-02-94
Sample Matrix:	Water	Date Received:	05-03-94
Preservative:	HgCl and Cool	Date Analyzed:	05-03-94
Condition:	Cool and Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Benzene	6,200	1.0
Toluene	44.6	3.0
Ethylbenzene	990	1.5
p,m-Xylene	4,520	3.0
o-Xylene	2,180	2.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	102 %
	Bromofluorobenzene	98 %

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

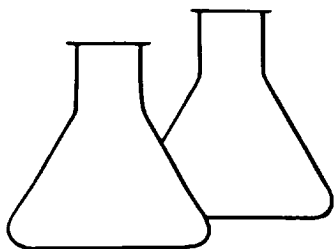
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: Martinez GC G1 Dehy. Pit C4954

Dennis L. Jensen
Analyst

Marie D. Young
Review



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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Amoco	Project #:	92140
Sample ID:	T4 @ 2'	Date Sampled:	05-02-94
Laboratory Number:	7335	Date Received:	05-03-94
Sample Matrix:	Soil	Date Analyzed:	05-03-94
Preservative:	Cool	Date Reported:	05-03-94
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	ND	10.0

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: Martinez GC G1 Dehy Pit C4954

Tony Tristano
Analyst

Marin D. Young
Review

