

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

District II
P.O. Box 100, Aztec, NM 87410

DISPERSED OIL & GAS INSPECTOR
1000 Rio Brazos Rd, Aztec, NM 87410

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

JAN 13 97

PIT REMEDIATION AND CLOSURE REPORT

Approved A0046

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Florance GC E 9A
Well Name

Location: Unit or Qtr/Qtr Sec J Sec 13 T 30N R 9W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒, State ☐, Fee ☐, Other COM AGMT.

Pit Location: Pit dimensions: length 30', width 12', depth 10'
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 85

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) 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: 6/8/94

Remediation Method: Excavation ☒ Approx. cubic yards 133
(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 6/8/94 Sample time 950

Sample Results

Benzene(ppm) ND
Total BTEX(ppm) 2.492
Field headspace(ppm) 160
TPH 63 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 6/15/94

SIGNATURE B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

called Earl w/ results 6/15/94

CLIENT: Amoro

ENVIROTECH Inc.

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

PIT NO: A0046

SEC. NO: 3716

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: Flornice Gas Com E WELL #: 9A PIT: SEP

DATE STARTED: 6/8/94

QUAD/UNIT: J SEC: 13 TWP: 30N RNG: 9W BM: Nm CNTY: SS ST: Nm

DATE FINISHED: _____

QTR/FOOTAGE: NE/SW CONTRACTOR: Moss

ENVIRONMENTAL SPECIALIST: Tom Huxen

SOIL REMEDIATION: EXCAVATION APPROX. 30 FT. x 12 FT. x ~10 (avg) FT. DEEP.

DISPOSAL FACILITY: Landfill onsite CUBIC YARDAGE: 133

LAND USE: Ranch LEASE: 92-00742

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 85' FEET N30°E FROM WELLHEAD.

DEPTH TO GROUNDWATER: ~80' NEAREST WATER SOURCE: 71000' NEAREST SURFACE WATER: 71000'

NMCD RANKING SCORE: 10 NMCD TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:

- pit has 2 levels - west end is ~13' deep & excavated to soft sandstone bedrock - east end is ~7' deep & excavated to sandstone bedrock - 0 to Bedrock = silty sand - brown, dry to slightly moist - bedrock is yellow/brown SS.

Sample ⑤ @ 14'

collected @ 9:50 &

Sent to Lab for TPH (YH-1)

+BTEX (5020)

FIELD 4181 CALCULATIONS - some blk staining in pit, esp East wall

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

SCALE



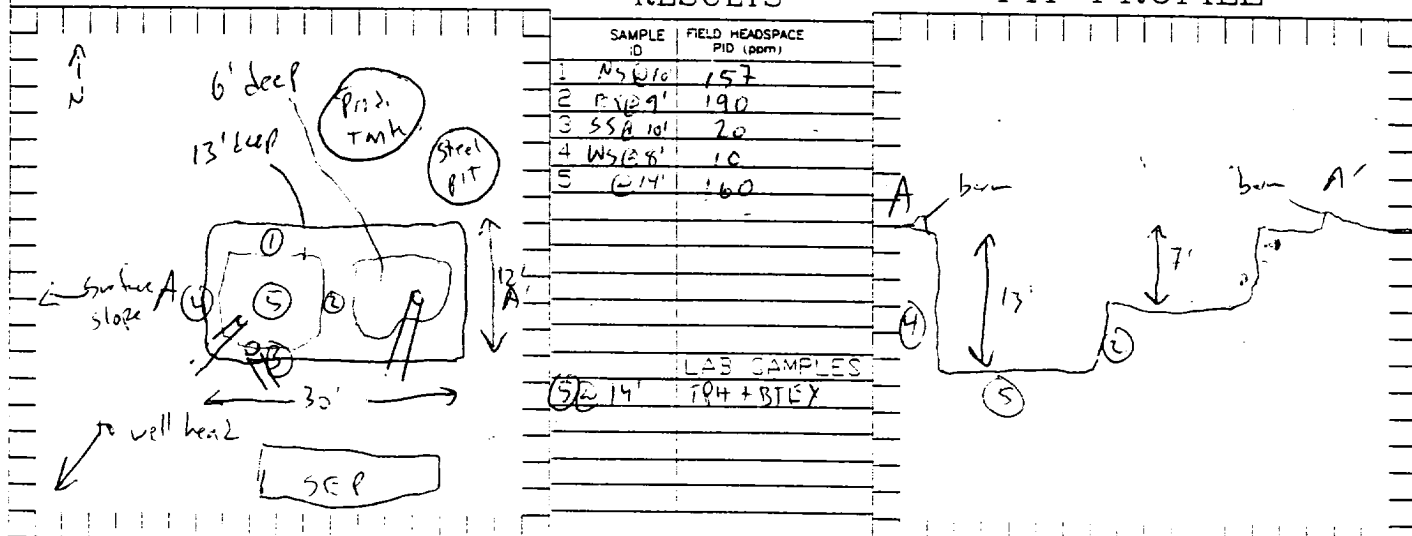
0

FEET

PIT PERIMETER

OVM RESULTS

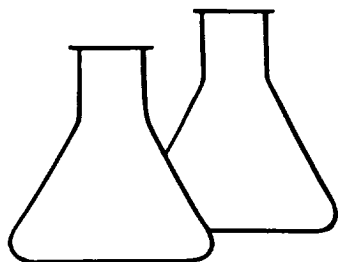
PIT PROFILE



TRAVEL NOTES:

CALLOUT: 6/6/94

INSITE: 6/6/94



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 @ 14'	Date Sampled:	06-08-94
Laboratory Number:	7563	Date Received:	06-08-94
Sample Matrix:	Soil	Date Analyzed:	06-13-94
Preservative:	Cool	Date Reported:	06-15-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	63	25.0

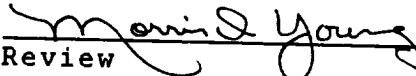
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

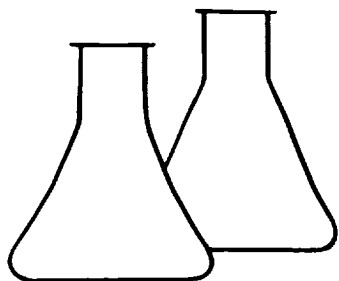
Comments: Florance Gas Com E #9A Sep Pit -- A0046



Analyst



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:	06-13-94
Laboratory Number:	7563	Date Sampled:	06-08-94
Sample Matrix:	Soil	Date Received:	06-08-94
Preservative:	Cool	Date Extracted:	06-09-94
Condition:	Cool & Intact	Date Analyzed:	06-11-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	13.4
Toluene	184	33.4
Ethylbenzene	114	13.4
p,m-Xylene	1750	13.4
o-Xylene	444	13

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromofluorobenzene	110 %

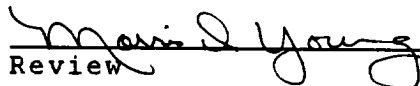
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

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: Florance Gas Com E #9A Sep Pit A0046.


Analyst


Review