

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

JAN 13

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

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: OMLER A #2
Well Name

Location: Unit or Qtr/Qtr Sec SE/4E(6) Sec 35 T28N R 10W County San Juan

Pit Type: Separator Dehydrator Other Blower

Land Type: BLM X, State, Fee, Other

Pit Location: Pit dimensions: length 25', width 25', depth 20'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: ~400'

Direction from reference: 60° Degrees X East North
of
West South X

RECEIVED
JUN 23 1994

Depth To Ground Water: OIL CON. DIV. DIST. 3
(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)	0
No	(0 points)	

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)	0
Greater than 1000 feet	(0 points)	

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 6/3/94

Remediation Method: Excavation X
(Check all appropriate sections) Landfarmed X

Approx. cubic yards 1400

Insitu Bioremediation _____

Other _____

Remediation Location: Onsite X Offsite _____
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation

Ground Water Encountered: No X 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 22'

Sample date 6/3/94 Sample time 9:20

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 36

TPH 443 ppm

Ground Water Sample: Yes _____ No X (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

results copied to Johnny 6/16/94

CLIENT: Amoco

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615PIT NO: A0041DEC NO: 3710

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140PAGE No: 1 of 1LOCATION: NAME: OMLER A WELL #: 2 PIT: Blw
QUAD/UNIT: 6 SEC: 35 TWP: 28N RNG: 10W BM: Nm CNTY: SJ ST: Nm
QTR/FOOTAGE: SE/NE CONTRACTOR: EPCDATE STARTED: 6/3/94DATE FINISHED: 6/3ENVIRONMENTAL
SPECIALIST: Jon HansenSOIL REMEDIATION: EXCAVATION APPROX. 25' FT. x 25' FT. x 20' FT. DEEP.DISPOSAL FACILITY: Landfill on-site CUBIC YARDAGE: ~1400LAND USE: Range LEASE: 82-077085FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY ~400 FEET S60°E FROM WELLHEAD.DEPTH TO GROUNDWATER: 7'00' NEAREST WATER SOURCE: 7'000' NEAREST SURFACE WATER: 7'000'NMCD RANKING SCORE: 0 NMCD TPH CLOSURE STD: 500 PPM

SOIL AND EXCAVATION DESCRIPTION:

- yellow/brown sandy silt, slightly moist
- sample 6022 collected @ 9:20 &
Sent to lab for TPH (418.1) analysis

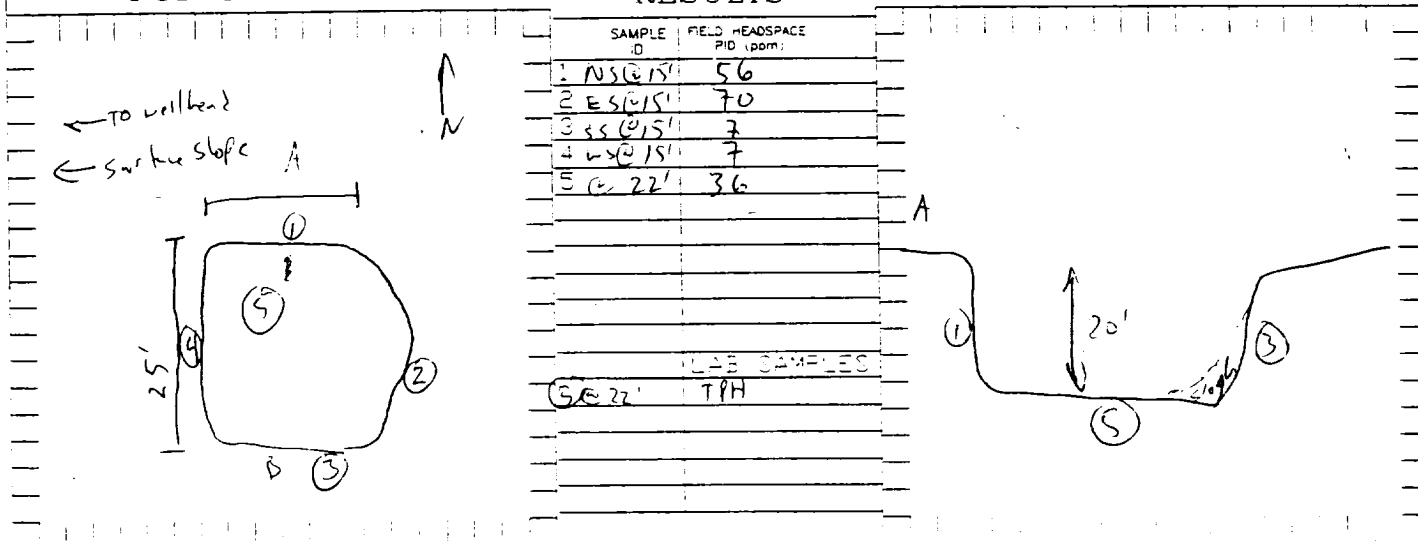
FIELD 418.1 CALCULATIONS

SAMPLE ID	LAB No.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC.	ppm

SCALE

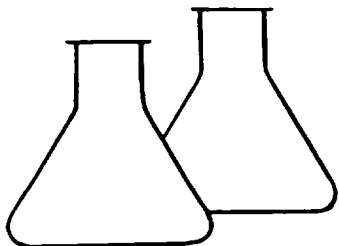
0 FEET
PIT PERIMETEROVM
RESULTS

PIT PROFILE



TRAVEL NOTES

CALCULATED: 6/3/94INSTALLED: 6/3/94



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:	06-03-94
Laboratory Number:	7548	Date Received:	06-06-94
Sample Matrix:	Soil	Date Analyzed:	06-06-94
Preservative:	Cool	Date Reported:	06-07-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	443	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: Omler A #2 -- A0041 Blow Pit

Tom Ham
Analyst

Morris 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

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

Acc 41

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: OMLER A #2
Well Name

Location: Unit or Qtr/Qtr Sec SE/NE (6) Sec 35 T 28N R 10W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

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

Pit Location: Pit dimensions: length 15', width 20', depth 12'
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: 185'

Direction from reference: 60° 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: 6/3/94

Remediation Method: Excavation ☒ Approx. cubic yards 400
(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 6/3/94 Sample time 10:00

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) 0.862

Field headspace(ppm) 629

TPH ND

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

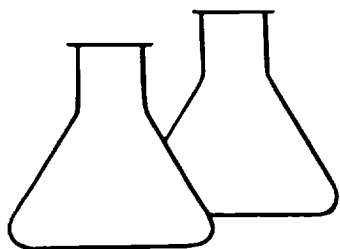
DATE 6/15/94

SIGNATURE Buddy D. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

DATE: 6/3/94



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:	06-03-94
Laboratory Number:	7549	Date Received:	06-06-94
Sample Matrix:	Soil	Date Analyzed:	06-06-94
Preservative:	Cool	Date Reported:	06-07-94
Condition:	Cool and Intact	Analysis Needed:	TPH

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

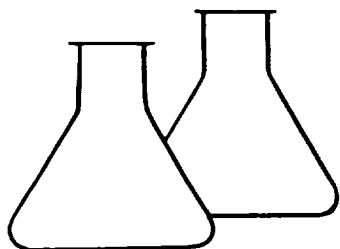
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

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

Comments: Omler A #2 -- A0041 Sep Pit

Tom Hansen
Analyst

Merrin 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:	06-13-94
Laboratory Number:	7549	Date Sampled:	06-03-94
Sample Matrix:	Soil	Date Received:	06-06-94
Preservative:	Cool	Date Extracted:	06-06-94
Condition:	Cool & Intact	Date Analyzed:	06-11-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
-----	-----	-----
Benzene	ND	13.4
Toluene	236	33.6
Ethylbenzene	119	13.4
p,m-Xylene	327	13.4
o-Xylene	180	13

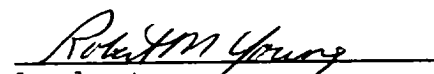
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	-----	-----
	Bromofluorobenzene	109 %

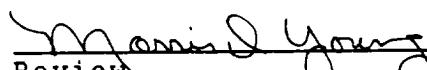
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

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: Omler A #2 Separator Pit A0041.


Analyst


Review