

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
BUREAU OFFICE

A0058
RECEIVED
OCT - 4 1999

PIT REMEDIATION AND CLOSURE REPORT
OIL CON. DIV.
DIST. 3

Demised 12/18/96 LF

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: Vcu #9
Well Name
Location: Unit or Qtr/Qtr Sec P Sec 15 T 28N R 4W County RIO ARriba
Pit Type: Separator Dehydrator Other Blow
Land Type: BLM ✓, State , Fee , Other UNIT AGMT.

Pit Location: Pit dimensions: length 27', width 33', depth 11'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 165'
Direction from reference: 45 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) 0
Greater than 100 feet (0 Points)

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: 6/30/94

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

Approx. cubic yards 363

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 11' (PIT Bottom)

Sample date 6/16/94 Sample time 1445

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 2

TPH 40 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 6/30/94

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

called Vaughn w/ results 7/5/94

CLIENT: Amoco

ENVIROTECH Inc.

PIT NO: A0058

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

SEC. NO: 3752

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: VCU

WELL #: 9

PIT: blow

QUAD/UNIT: P SEC: 15 TWP: 28N RNG: 4W BM: NM CNTY: RA ST: NM

DATE STARTED:

DATE FINISHED: 6/16/94

QTR/FOOTAGE SE/SE

CONTRACTOR: Vaughn

ENVIRONMENTAL SPECIALIST:

CLG

SOIL REMEDIATION: EXCAVATION APPROX. 27 FT. x 33 FT. x 11 FT. DEEP.

DISPOSAL FACILITY: landfirmed on-site CUBIC YARDAGE: 363

LAND USE: range LEASE: NM-14915

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 165 FEET N45W FROM WELLHEAD.

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

NMOCED RANKING SCORE: 0 NMOCED TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

excavation is completed in very cohesive clay/silt. Mottled purples, reds + greens in a brown matrix; slightly moist

FIELD 418.1 CALCULATIONS

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

SCALE



0

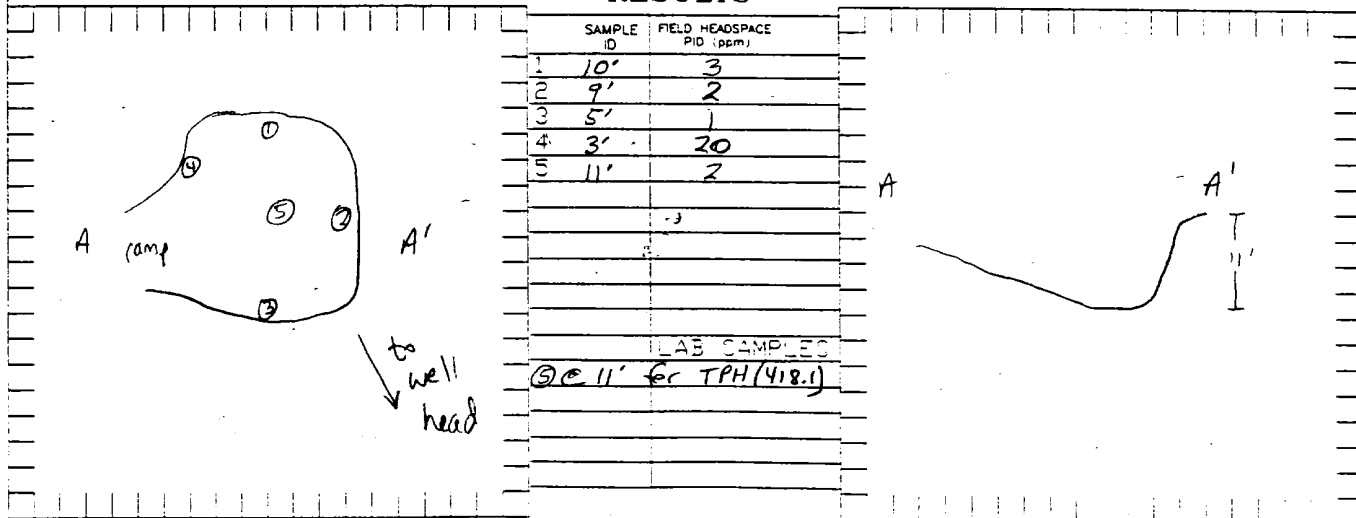
FEET

PIT PERIMETER



OVM RESULTS

PIT PROFILE



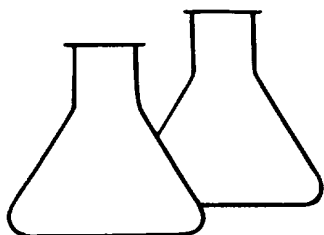
TRAVEL NOTES

CALLOUT:

6/14/94

ON SITE:

6/16/94



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 @ 11'	Date Sampled:	06-16-94
Laboratory Number:	7644	Date Received:	06-16-94
Sample Matrix:	Soil	Date Analyzed:	06-26-94
Preservative:	Cool	Date Reported:	06-30-94
Condition:	Cool and Intact	Analysis Needed:	TPH

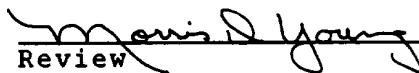
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	40	30.0

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: VCU #9 Blow Pit A0058


Analyst


Review

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>A0058</u> C.O.C. NO: <u>5138</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION NAME: <u>VCU</u>	WELL #: <u>9</u>	PITS: <u>BLOW</u>	DATE STARTED: <u>8/7/97</u>
QUAD/UNIT: <u>P SEC: 15 TWP: 28N RNG: 4W PM: NM CNTY: RA ST: NM</u>			DATE FINISHED: _____
QTY/FOOTAGE: <u>5E/4 5E/4</u>		CONTRACTOR: <u>H. VAUGHN</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

SOIL REMEDIATION:

REMEDIATION SYSTEM: <u>LANDFARMED</u>	APPROX. CUBIC YARDAGE: <u>363</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>1/2-1'</u>

FIELD NOTES & REMARKS:

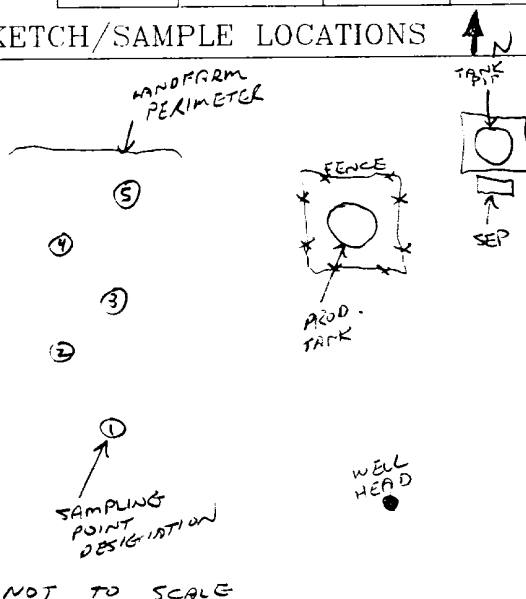
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
 NMOLD BANKING SCORE: 0 NMOLD TPH CLOSURE STD: 5000 PPM

MOSTLY DK. YEL. BROWN SILTY SAND TO CLAY, COHESIVE, SLIGHTLY MOIST,
 FIRM TO SLIGHTLY STIFF, SLUDGE-LIKE ODOR, SLIGHT DISCOLORATION
 OBSERVED (FROM LT. GRAY TO BLACK).

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH	1235	243

SCALE



TRAVEL NOTES:	CALLOUT: <u>NA</u>	ONSITE: <u>NA</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

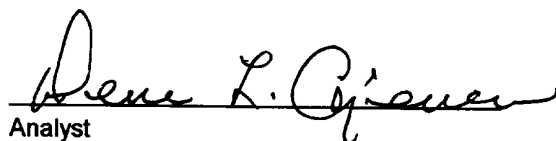
Client:	Blagg / Amoco	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	08-11-97
Laboratory Number:	B797	Date Sampled:	08-07-97
Chain of Custody No:	5138	Date Received:	08-08-97
Sample Matrix:	Soil	Date Extracted:	08-11-97
Preservative:	Cool	Date Analyzed:	08-11-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

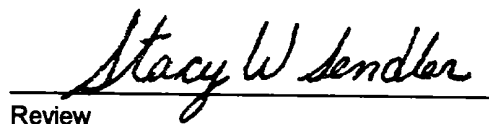
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	243	0.1
Total Petroleum Hydrocarbons	243	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: VCU #9 Landfarm. 5 Pt. Composite.


Analyst


Review

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615