

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

RECEIVED
OCT - 4 1999

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

Denied 12/18/96 LF

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: Vcn #14
Well Name
Location: Unit or Qtr/Qtr Sec D Sec 23 T 28N R 4W County RAO ARIZONA
Pit Type: Separator Dehydrator Other Blow
Land Type: BLM ✓, State , Fee , Other

Pit Location: Pit dimensions: length 24', width 27', depth 6'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 120'
Direction from reference: 40 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) <u>6</u>
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) <u>0</u> No (0 points) <u> </u>
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) <u>0</u> Greater than 1000 feet (0 points) <u> </u>
RANKING SCORE (TOTAL POINTS): <u>0</u>	

A0057 Blow PIT

Date Remediation Started: _____

Date Completed: 6/30/94Remediation Method: Excavation ☒
(Check all appropriate sections)Landfarmed ☒Approx. cubic yards 144

Insitu Bioremediation _____

Other _____

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

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 DocumentsSample depth 6' (PIT BOTTOM)Sample date 6/16/94Sample time 1340

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 1TPH 52 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

6/30/94

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
ENVIRONMENTAL COORDINATOR

called Vaughn w/ results 7/5/94

CLIENT: Amoco

ENVIROTECH Inc.

PIT NO: A0057

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

JOB NO: 3751

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 1 of 1

LOCATION: NAME: VCU WELL #: 14 PIT: blow
QUAD/UNIT: D SEC: 23 TWP: 28N RNG: 4W BM: NM CNTY: RA ST: NM
QTR/FOOTAGE: NW/NW CONTRACTOR: Vaughn

DATE STARTED: 6/16/94
DATE FINISHED: 6/16/94

ENVIRONMENTAL
SPECIALIST: CLG

SOIL REMEDIATION: EXCAVATION APPROX. 24 FT. x 27 FT. x 6 FT. DEEP.

DISPOSAL FACILITY: landfirmed on-site CUBIC YARDAGE: 144

LAND USE: range LEASE: NM-14917

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 120 FEET S40W FROM WELLHEAD.

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

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

SOIL AND EXCAVATION DESCRIPTION:

yellow brown sand, dry, no odor

FIELD 418.1 CALCULATIONS

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

SCALE

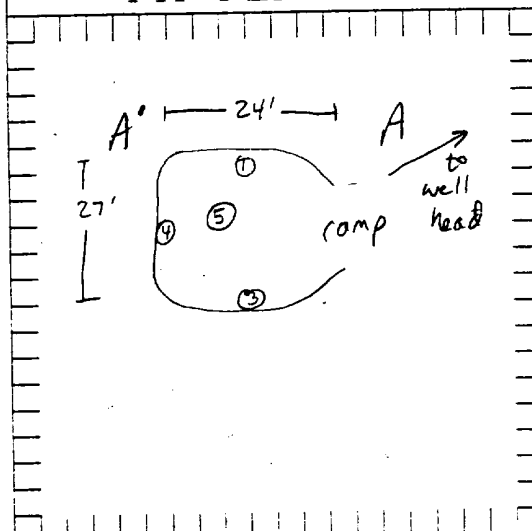


0 FEET
PIT PERIMETER

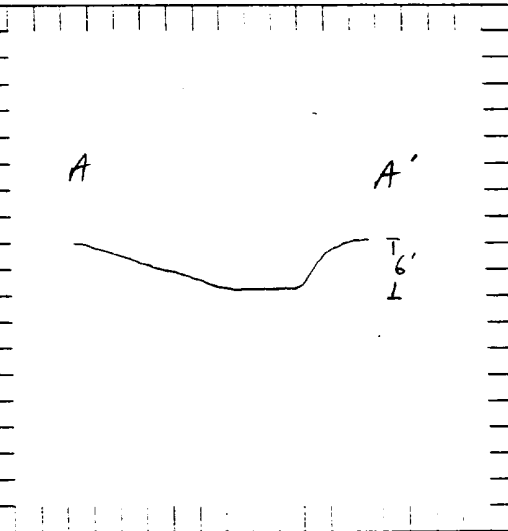


OVM
RESULTS

PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 6'	1
2 ramp	can't collect
3 3'	1
4 4'	2
5 6'	1
LAB SAMPLES	
(5) 6' for TPH (418.1)	



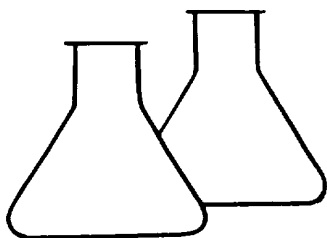
TRAVEL NOTES:

CALLOUT:

6/14/94

DATE:

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

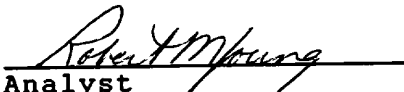
Client:	Amoco	Project #:	92140
Sample ID:	5 @ 6'	Date Sampled:	06-16-94
Laboratory Number:	7643	Date Received:	06-16-94
Sample Matrix:	Soil	Date Analyzed:	06-26-94
Preservative:	Cool	Date Reported:	06-30-94
Condition:	Cool and Intact	Analysis Needed:	TPH

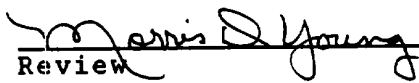
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	52	30.0

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 14 Blow Pit A0057


Analyst


Review

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>A0057</u> C.D.C. NO: _____
----------------------	---	---

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>VCU</u>	WELL #: <u>14</u>	PITS: <u>BLOW</u>	DATE STARTED: <u>11-18-97</u>
QUAD/UNIT: <u>D</u> SEC: <u>23</u> TWP: <u>28N</u> RNG: <u>4W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>			DATE FINISHED: _____
GTP/FOOTAGE: _____		CONTRACTOR: _____	ENVIRONMENTAL SPECIALIST: <u>JCS</u>

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARM

APPROX. CUBIC YARDAGE: 144

LAND USE: RANGE

LIFT DEPTH (ft): _____

FIELD NOTES & REMARKS:

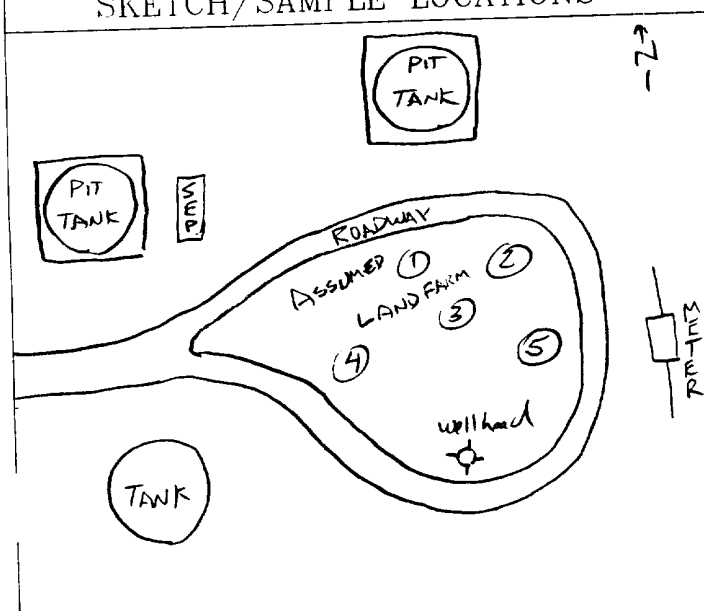
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

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

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1330	LF-1	1932	5.0	20.0	4x	16	64

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

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

SCALE



0 FT

TRAVEL NOTES:

CALLOUT: _____

ONSITE: _____

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client:	AMOCO	Project #:	
Sample ID:	Landfarm	Date Analyzed:	11-19-97
Project Location:	VCU # 14	Date Reported:	11-19-97
Laboratory Number:	TPH-1932	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	64	20

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	608	568	6.80

* Administrative Acceptance limits set at 30%.

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

Comments: Landfarm Composite Sample

J.C. Blagg
Analyst

Nicholas J. Blagg
Review

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

Field TPH-Worksheet

Max Characters:

Client:

AMOCO

Project #:

Sample ID:

Landfarm

Date Analyzed:

11-19-97

Project Location:

VCU # 14

Date Reported:

11-19-97

Laboratory Number:

TPH-1932

Sample Matrix:

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

16 mg/kg

TPH Result:

64.0 mg/kg

Reported TPH Result:

64 mg/kg

Actual Detection Limit:

20.0 mg/kg

Reported Detection Limit:

20 mg/kg

QA/QC:

Original
TPH mg/kg

Duplicate
TPH mg/kg

%
Diff.

608

568

6.80

Comments:

*****Max Characters*****

Comments:

Landfarm Composite Sample