

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

94424
OK
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

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: VCU # 11
Well Name
Location: Unit or Qtr/Qtr Sec D 1 Sec 26 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 35', width 35', depth 8'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 255'
Direction from reference: 11 Degrees East North ✓
✓ 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) 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: 7/22/92Remediation Method: Excavation ☒
(Check all appropriate sections)Approx. cubic yards 250

Landfarmed _____

Insitu Bioremediation _____

Other STOCKPILERemediation 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 8' (PIT Bottom)Sample date 7/21/92Sample time 1415

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 0.0TPH 359 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 BELIEFDATE 7/22/92

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
ENVIRONMENTAL COORDINATOR

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0815

1650

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140
PAGE No: 1 of 1

LOCATION: LEASE: Valencia Canyon Unit WELL: No. 11 QD: NW/4 NW/4 D
SEC: 26 TWP: 28 N RNG: 4 W BM: NM CNTY: R. A. ST: NM PIT: B/low
CONTRACTOR: Vaughn well Service
EQUIPMENT USED: Loader

DATE STARTED: 7-21-92
DATE FINISHED: 7-21-92

ENVIRONMENTAL
SPECIALIST: *fw*

Fed LEASE NO. 14920

SOIL REMEDIATION: QUANTITY: 250 cu material

DISPOSAL FACILITY: On Site

LAND USE: Forest

SURFACE CONDITIONS: EARTHEN PIT

FIELD NOTES & REMARKS: Pit Area And stock piles seem to be Really clean, Stock pile on South side of pit has isolated pockets of contamination. No big quantities. Pit is Ready For back fill.

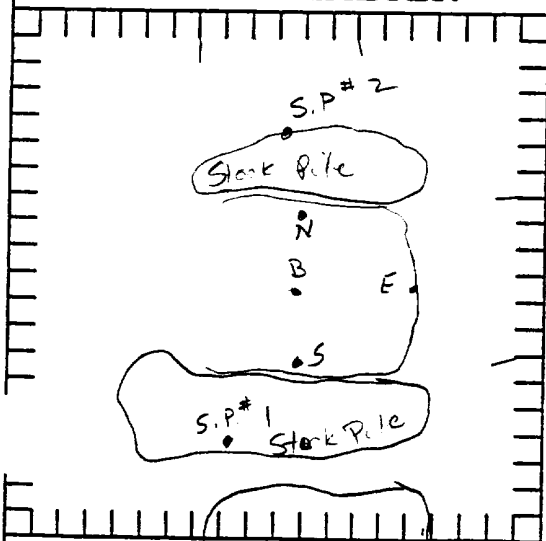
Pit is located approx. 250' north and 50' west of well head

TPH from bottom of pit

SCALE



PIT PERIMETER



SCALE



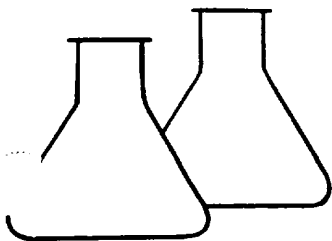
PIT PROFILE

SAMPLE RESULTS

[illegible]

TRAVEL NOTES: CALLOUT:

ONSITE:



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
Sample ID: Bottom Pit
Laboratory Number: 1997
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 92140
Date Reported: 07-22-92
Date Sampled: 07-21-92
Date Received: 07-21-92
Date Analyzed: 07-22-92
Analysis Needed: TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	35.9	5.0

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

ND - Parameter not detected at the stated detection limit.

Comments: Valencia Canyon Unit #11 Blow Pit 94424



Analyst



Review

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>C4424</u> C.O.C. NO: _____
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME:	<u>VCU</u>	WELL #:	<u>11</u>	PITS:	<u>13LOW</u>	DATE STARTED:	<u>11-18-97</u>
QUAD/UNIT:	<u>D</u>	SEC:	<u>26</u>	TWP:	<u>29N</u>	RNG:	<u>4W</u>
PM: <u>NM</u>		CNTY: <u>RA</u>		ST: <u>NM</u>		DATE FINISHED: _____	
QTP/FOOTAGE: _____				CONTRACTOR: _____			
						ENVIRONMENTAL SPECIALIST: <u>JCE</u>	

SOIL REMEDIATION:

REMEDICATION SYSTEM: STOCKPILE (LANDFARM) APPROX. CUBIC YARDAGE: 250

LAND USE: RANGE LIFT DEPTH (ft): _____

FIELD NOTES & REMARKS:

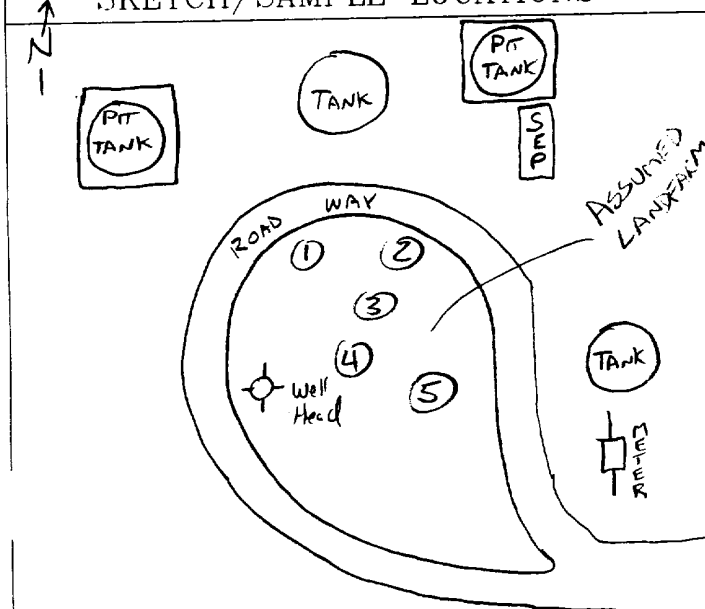
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

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
<u>1215</u>	<u>LF-1</u>	<u>1936</u>	<u>5.0</u>	<u>20.0</u>	<u>4x</u>	<u>114</u>	<u>456</u>

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
<u>LF-1</u>	<u>0.0</u>				

SCALE

0 FT

TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

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

Client: AMOCO
Sample ID: Landfarm
Project Location: VCU # 11
Laboratory Number: TPH-1936

Project #:
Date Analyzed: 11-19-97
Date Reported: 11-19-97
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	460	20

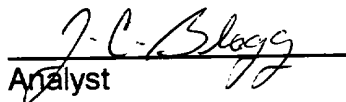
ND = Not Detectable at stated detection limits.

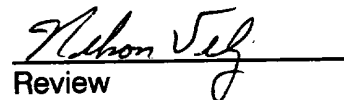
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	608	568	6.80

* 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


Analyst


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:

Sample ID:

Project Location:

Laboratory Number:

AMOCO

Landfarm

VCU # 11

TPH-1936

Project #:

Date Analyzed:

Date Reported:

Sample Matrix:

11-19-97

11-19-97

Soil

Sample Weight: 5.00 grams
Volume Freon: 20.00 mL
Dilution Factor: 1 (unitless)
TPH Reading: 114 mg/kg

TPH Result: 456.0 mg/kg
Reported TPH Result: 460 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