

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

94422 OK
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
OCT - 4 1999
OIL CON. DIV.
DIST. 3

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: VCU #12
Well Name
Location: Unit or Qtr/Qtr Sec H Sec 26 T26N 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 ☒, other ☐
Footage from reference: 225'
Direction from reference: 0 Degrees East North ☐
of
☒ West South ☐

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal 0
high water elevation of Greater than 100 feet (0 Points)
ground water)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points)
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

94422 Blow PIT

Date Remediation Started: _____

Date Completed: 7/22/92Remediation Method: Excavation ☒
(Check all appropriate sections)Approx. cubic yards 300Landfarmed ☐Insitu Bioremediation ☐Other STOCKPILEDRemediation 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 DocumentsSample depth 8' (PIT BOTTOM)Sample date 7/21/99Sample time 1240

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 3.9TPH 222 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 BELIEFDATE 7/22/92

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
ENVIRONMENTAL COORDINATOR

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 832-0815

1648

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 92140

PAGE No: 4 of 4

LOCATION: LEASE: Valencia Canyon Unit WELL: No 12 OD: SE 1/4 NE 1/4 H
SEC: 26 TWP: 28N RNG: 4W BM: NM CNTY: RA ST: NM PIT: Blow
CONTRACTOR: Vaughn Well Service
EQUIPMENT USED: LOADER

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

ENVIRONMENTAL
SPECIALIST: Jue

FED. LEASE NO. 14920

SOIL REMEDIATION: QUANTITY: 300 cy material (stockpiled)

DISPOSAL FACILITY: On Site treatment

LAND USE: Forest

SURFACE CONDITIONS: FARTHEN PIT

FIELD NOTES & REMARKS: Pit area seems clean. Small pockets of contamination trapped in bed rock. Recommend pit closure. Pit is located approx 225' west of well head.

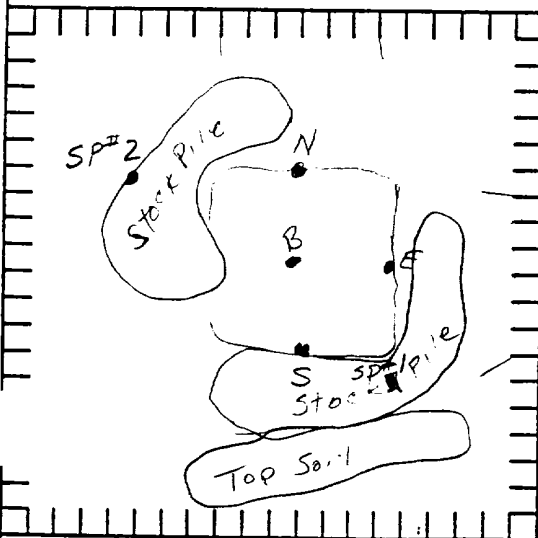
TPH bottom of pit.

SCALE



0 5' 10' FEET

PIT PERIMETER



SAMPLE RESULTS

[illegible]

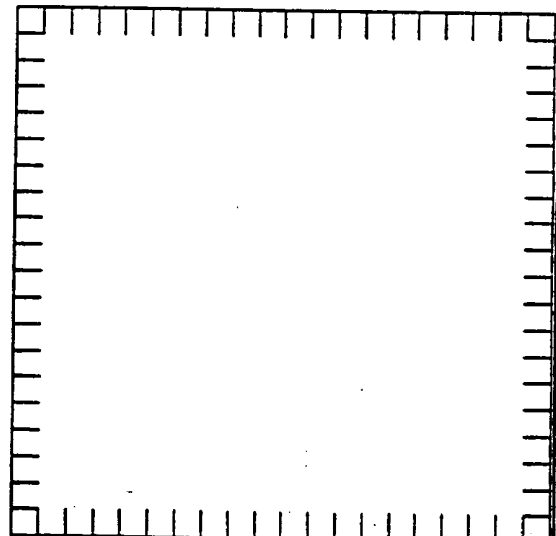
SCALE



0

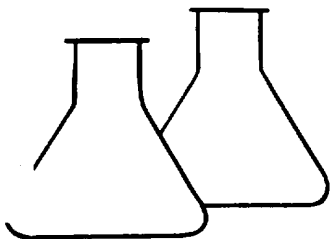
FEET

PIT PROFILE



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: 1995
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	222	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 #12 Blow Pit 94422



Analyst



Review

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>C4422</u> C.D.C. NO: _____
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>VCU</u>	WELL #: <u>12</u>	PITS: <u>Blow</u>	DATE STARTED: <u>11-18-97</u>
QUAD/UNIT: <u>H</u> SEC: <u>26</u> TWP: <u>28N</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>713</u>

SOIL REMEDIATION:

REMEDICATION SYSTEM: STOCKPILE (LANDFARM?) APPROX. CUBIC YARDAGE: 300

LAND USE: RANGE LIFT DEPTH (ft): _____

FIELD NOTES & REMARKS:

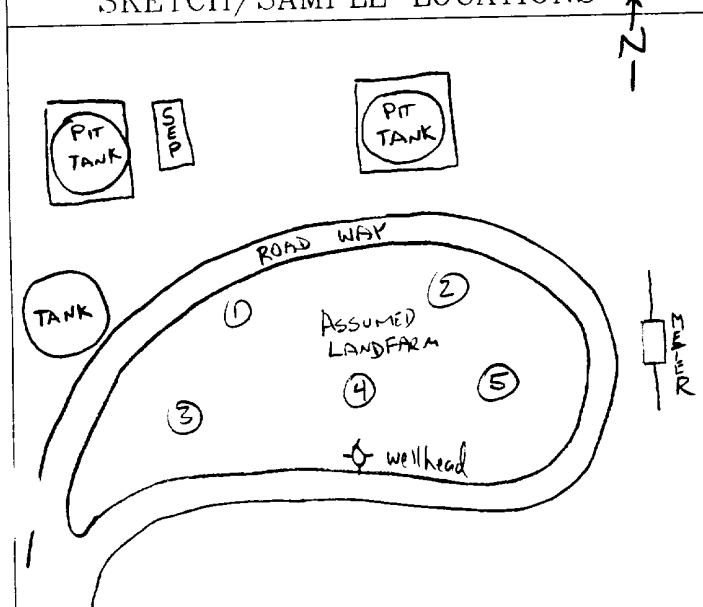
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

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>1158</u>	<u>LF-1</u>	<u>1937</u>	<u>5.0</u>	<u>20.0</u>	<u>4X</u>	<u>32</u>	<u>128</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: _____

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
Sample ID: Landfarm
Project Location: VCU # 12
Laboratory Number: TPH-1937

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	130	20

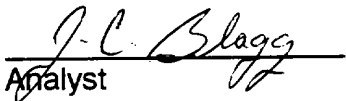
ND = Not Detectable at stated detection limits.

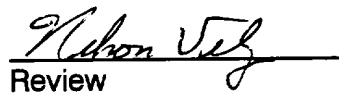
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	608	568	6.80

* 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:

AMOCO

Project #:

Sample ID:

Landfarm

Date Analyzed:

11-19-97

Project Location:

VCU # 12

Date Reported:

11-19-97

Laboratory Number:

TPH-1937

Sample Matrix:

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

32 mg/kg

TPH Result:

128.0 mg/kg

Reported TPH Result:

130 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