

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

4K
A0107
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 12/9/96 L-F

Operator: Amoco Production Company Telephone: (505) 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: VCU #13
Well Name
Location: Unit or Qtr/Qtr Sec 0 Sec 22 T 28N R 4W County RIO ARriba
Pit Type: Separator Dehydrator Other Blow
Land Type: BLM ✓, State , Fee , Other

Pit Location: Pit dimensions: length 33', width 36', depth 8'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 190'
Direction from reference: 70 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) 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)
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 9/23/94

Remediation Method: Excavation ☒ Approx. cubic yards 352
 (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 8' (PIT BOTTOM)
 Sample date 9/21/94 Sample time 1210

Sample Results

Benzene(ppm) _____
 Total BTEX(ppm) _____
 Field headspace(ppm) 2.3
 TPH 74 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 9/23/94
 SIGNATURE B. Shaw PRINTED NAME AND TITLE Buddy D. Shaw, Environmental Coordinator

CLIENT: Amoco

ENVIROTECH Inc.

FIT NO: A0107

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

C.D.C. NO: 3926

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 9240

PAGE No: 1 of 1

LOCATION: NAME: VALUENCIA CANYON UNIT WELL #: 13 PIT: BLOW

DATE STARTED: 9-2-40.

QUAD/UNIT: 0 SEC: 22 TWP: 23N RNG: 4W BM: *unp* CNTY: RA ST: NM

DATE FINISHED: 5-2-71

QTR/FOOTAGE: _____ CONTRACTOR: Carol Vaughn

ENVIRONMENTAL SPECIALIST: *Rm*

SOIL REMEDIATION: EXCAVATION APPROX. 33 FT. x 36 FT. x 8 FT. DEEP.

DISPOSAL FACILITY: W- SITE LANDFARM CUBIC YARDAGE: 352

LAND USE: FOREST LEASE: Federal lease # NM-14916

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 190 FEET S 70° E FROM WELLHEAD.

DEPTH TO GROUNDWATER: 2100' NEAREST WATER SOURCE: 2100' NEAREST SURFACE WATER: 2100'

NMOC Ranking Score: 0 NMOC TPH Closure Std: 5000 ppm

SOIL AND EXCAVATION DESCRIPTION: No visible contamination is present in the pit. There is approx 3" of Rain-water collected in the East corner of the pit bottom. Abundant Animal tracks are present in the mud around the Rain water pool.

10/3/94
Recommended Closure to
CAROL VAUGHN

10/3/44
Recommended Closure to
CAROL VAUGHN

Contamination Exceeding NMOC Standards not encountered.
Recommend closure pending Laboratory Results.

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

SCALE

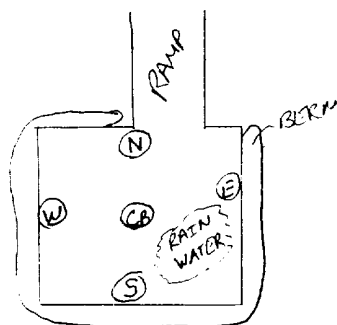
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0 10 20 FEET

PIT PERIMETER

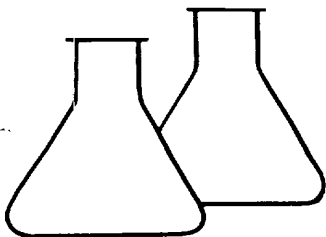
OVM RESULTS

PIT PROFILE

[illegible]

0' 8' Reddish Brown Sandy Silt
with clay. Moist, firm.
cohesive - no visible
discoloration. no Hydro-
carbon odor.

TRAVEL NOTES: CALL OUT: ON SITE



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:	CB @ 8'	Date Sampled:	09-21-94
Laboratory Number:	7903	Date Received:	09-21-94
Sample Matrix:	Soil	Date Analyzed:	09-22-94
Preservative:	Cool	Date Reported:	09-23-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	74	10.0

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: Valencia Canyon Unit # 13 A0107

Ray L. Griffin
Analyst

Morris D. Young
Review

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>A0107</u> C.D.C. NO: _____
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>VCU</u>	WELL #: <u>13</u>	PITS: <u>BLW</u>	DATE STARTED: <u>11-13-97</u>
QUAD/UNIT: <u>0</u> SEC: <u>22</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>JIC</u>

SOIL REMEDIATION:

 REMEDIATION SYSTEM: LANDFARM

 APPROX. CUBIC YARDAGE: 352

 LAND USE: RANGE

LIFT DEPTH (ft): _____

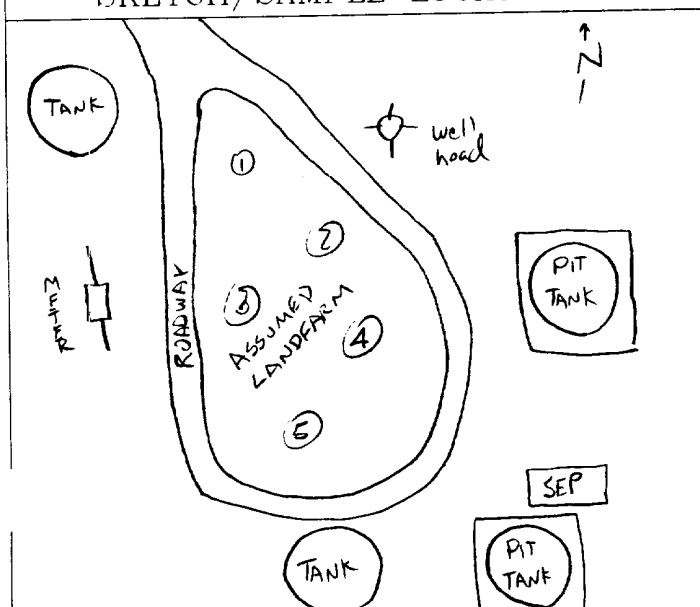
FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
 NMOCED RANKING SCORE: 0 NMOCED TPH CLOSURE STD: 5000 PPM

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1253	LF-1	1933	5.0	20.0	4X	38	152

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 # 13	Date Reported:	11-19-97
Laboratory Number:	TPH-1933	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	150	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

Melvin J. J.
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 # 13

Date Reported:

11-19-97

Laboratory Number:

TPH-1933

Sample Matrix:

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

38 mg/kg

TPH Result:

152.0 mg/kg

Reported TPH Result:

150 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