

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

OK
RECEIVED
OCT 1999
OIL CON. DIV.
DIST. 3
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: ABRAMS L * 1A
Well Name
Location: Unit or Qtr/Qtr Sec I Sec 26 T 29 N R 10 W County SAN JUAN
Pit Type: Separator X Dehydrator Other
Land Type: BLM , State , Fee X, Other

Pit Location: Pit dimensions: length 20', width 20', depth 12'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 110'
Direction from reference: 60 Degrees East North X
of
X 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) 20

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)
No (0 points) 0

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): 20

Date Remediation Started: _____ Date Completed: 4/1/94

Remediation Method: Excavation X Approx. cubic yards 178
(Check all appropriate sections) Landfarmed X Insitu Bioremediation _____
Other _____

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

General Description Of Remedial Action: _____

Excavation

Ground Water Encountered: No X 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 _____

Sample date _____ Sample time _____

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) _____

TPH _____

Ground Water Sample: Yes _____ No X (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 4/25/94

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

Date Remediation Started: _____ Date Completed: 4/1/94

Remediation Method: Excavation X Approx. cubic yards 178
(Check all appropriate sections) Landfarmed X Insitu Bioremediation _____
Other _____

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

General Description Of Remedial Action: _____

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Ground Water Encountered: No X Yes _____ Depth _____

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Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached Documents

Sample depth _____

Sample date _____ Sample time _____

Sample Results

Benzene(ppm) _____

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TPH _____

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DATE 4/25/94

SIGNATURE B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

RESULTS TO BOB MCCOY 4-11-99

ENVIROTECH Inc.

PIT NO. C4330

C.C.C. No: 3473

FIELD REPORT: CLOSURE VERIFICATION

JOB No. 92140
PAGE No. 1 of 1

LOCATION: LEASE ABRAMS "L" WELL #1A QD NE/4 SE/4 (I)
SEC: 26 TWP: 29N RNG: 10W BM. NM CNTY SJ ST. NM PIT SEP
CONTRACTOR: PAUL VELASQUEZ
EQUIPMENT USED: EXCAVATOR

DATE STARTED: 4-1-94
DATE FINISHED: 4-1-94

ENVIRONMENTAL SPECIALIST. REO

SOIL REMEDIATION: QUANTITY:	PIT ~ 20' x 20' x 12' DEEP
DISPOSAL FACILITY:	LANDFARM ON SITE

LAND USE: FARMWG / RANGE

SURFACE CONDITIONS: EXCAVATED PRIOR TO APRIL 1961

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 110 FEET N. 60°W FROM WELLHEAD.

NO VISUAL CONTAMINATION IN PIT - SILTY / SAND SOILS

EAST SIDE HAS CLAY LENSE @ 9'

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

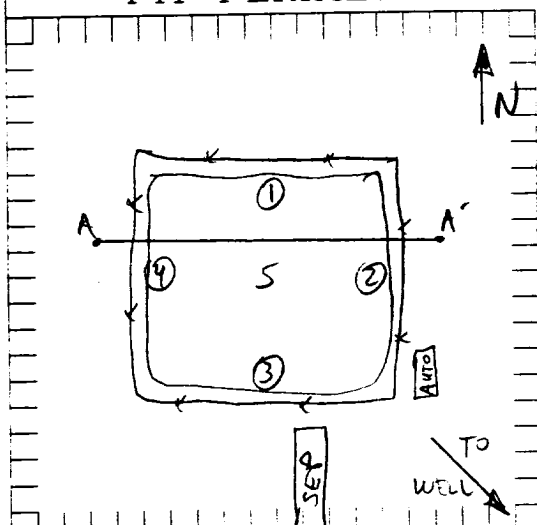
DEPTH TO GROUNDWATER: ~ 20'
NEAREST WATER SOURCE: > 1000'
NEAREST SURFACE WATER: > 1000'
MINIMUM FILLING DEPTH: 20
MINIMUM TSP DENSITY STD: 100 PPM TPH

SCALE



0 5 10 FEET

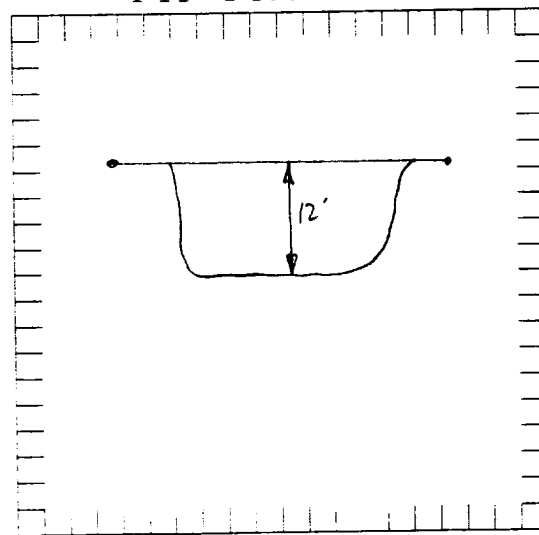
PIT PERIMETER



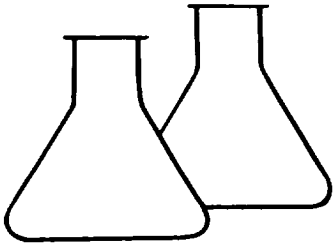
OVM RESULTS

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PIT PROFILE



TRAVEL NOTES: CALLOUT: 3-31-99 ONSITE: 4-1-99 1200



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	2 ES @ 8'	Date Reported:	04-05-94
Laboratory Number:	7141	Date Sampled:	04-01-94
Sample Matrix:	Soil	Date Received:	04-04-94
Preservative:	Cool	Date Extracted:	04-04-94
Condition:	Cool & Intact	Date Analyzed:	04-04-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	19.8
Toluene	220	39.5
Ethylbenzene	300	19.8
p,m-Xylene	1,240	19.8
o-Xylene	1,930	19.8

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	104 %
	Bromofluorobenzene	103 %

Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

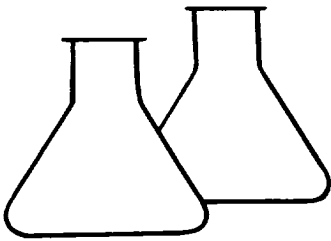
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: Abrams "L" #1A (Sep) C4330

Tony Tristano
Analyst

Virginia D. Young
Review



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:	2 ES @ 8'	Date Sampled:	04-01-94
Laboratory Number:	7141	Date Received:	04-04-94
Sample Matrix:	Soil	Date Analyzed:	04-08-94
Preservative:	Cool	Date Reported:	04-08-94
Condition:	Cool & Intact	Analysis Needed:	TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	1,500	20.0

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: Abrams "L" #1A (Sep) C4330

Tony Tristano
Analyst

Marvin D. Young
Review

*

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>C4329</u> <u>C4330</u> C.D.C. NO: <u>5622</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>ABRAMS</u> L WELL #: <u>1A</u> PITS: <u>BLOW, SEP</u> QUAD/UNIT: <u>(1)</u> SEC: <u>26</u> TWP: <u>29N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>SS</u> ST: <u>NM</u> QTP/FOOTAGE: <u>NE 1/4 SE 1/4</u> CONTRACTOR: <u>P+S</u>	DATE STARTED: <u>11 24 97</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV/EP</u>
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SOIL REMEDIATION:

REMEDICATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>468</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>NA</u>

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOCJ RANKING SCORE: 20 NMOCJ TPH CLOSURE STD: 100 PPM

SOIL IS A DARK YELLOW W/ LIGHT BROWN SILTY SAND, SLIGHTLY MOIST.

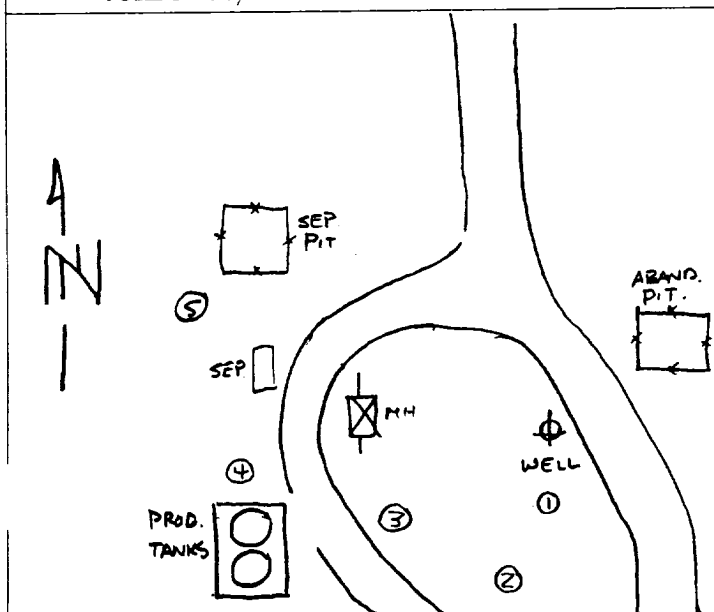
NO STAIN OR HC ODOR.

TOOK SPT COMPOSITE OF LOCATION. NO SIGN OF LANDFARMED AREA.

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
<u>LF-1</u>	<u>0.0</u>	<u>LF-1</u>	<u>8015</u>	<u>1310</u>	<u>ND</u>

SCALE

0 10 FT

TRAVEL NOTES:

CALLOUT: N/A ONSITE: 11-24-97 1310

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

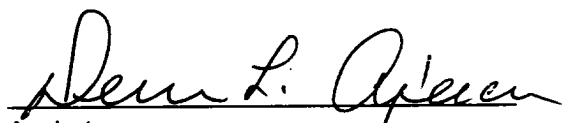
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	12-03-97
Laboratory Number:	C594	Date Sampled:	11-24-97
Chain of Custody No:	5622	Date Received:	11-26-97
Sample Matrix:	Soil	Date Extracted:	11-26-97
Preservative:	Cool	Date Analyzed:	12-01-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

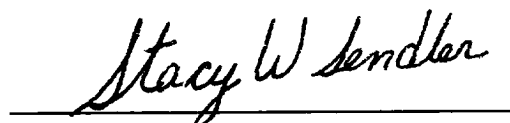
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Abrams L #1A Landfarm. 5 Pt. Composite.**


Analyst


Review

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