

02 pits - closure  
bedrock  
**RECEIVED**  
JUL 13 1999

JICARILLA APACHE TRIBE  
ENVIRONMENTAL PROTECTION OFFICE  
P.O. BOX 507  
DULCE, NEW MEXICO 87528

*Dennis R. Foster*  
DEPUTY OIL & GAS INSPECTOR  
AND OIL & GAS ADMINISTRATION  
AUG 13 1999  
SUBMIT 1 COPY TO  
SOURCE DEPT

OIL CON. DIV.  
DIST. 3

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9200  
Address: 200 Amoco Court, Farmington, NM 87401  
Facility or Well Name: JICARILLA A #3E  
Location: Unit or Qtr/Qtr Sec E Sec 22 T 26N R 5W County RIO ARIZONA  
Pit Type: Separator      Dehydrator      Other PRODUCTION TANK  
Land Type: RANGE

Pit Location: Pit dimensions: length 22', width 16', depth 4'  
(Attach diagram) Reference: wellhead X, other       
Footage from reference: 120'  
Direction from reference: 67 Degrees      East of North       
X West of South X

<b>Depth To Groundwater:</b> (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
<b>Distance to an Ephemeral Stream</b> (Downgradient dry wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
<b>Distance to Nearest Lake, Playa, or Watering Pond</b> (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
<b>Wellhead Protection Area:</b> (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)	<u>0</u>
<b>Distance To Surface Water:</b> (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	<u>0</u>

**RANKING SCORE (TOTAL POINTS):** 0

BJ681

PROD. TANK PIT

Date Remediation Started: \_\_\_\_\_

Date Completed: \_\_\_\_\_

11/23/98

Remediation Method:  
(Check all appropriate  
sections)Excavation ☒Landfarmed ☒

Other \_\_\_\_\_

Approx. cubic yards \_\_\_\_\_

40

Insitu Bioremediation \_\_\_\_\_

Remediation Location:  
(i.e. landfarmed onsite,  
name and location of  
offsite facility)Onsite ☒ Offsite \_\_\_\_\_General Description of Remedial Action: Excavation, BEORCK BOTTOM.

Groundwater 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 Documents

Sample depth \_\_\_\_\_

2' (NORTH SIDEWALK)

Sample date \_\_\_\_\_

11/19/98

Sample time \_\_\_\_\_

1500

Sample Results

Soil: Benzene

(ppm)

0.101

Water: Benzene

(ppb)

Total BTEX

(ppm)

3.330

Toluene

(ppb)

Field Headspace

(ppm)

391

Ethylbenzene

(ppb)

TPH

(ppm)

178

Total Xylenes

(ppb)

Groundwater 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

11/23/98

PRINTED NAME

Buddy D. Shaw

SIGNATURE

Buddy D. Shaw

AND TITLE

Environmental Coordinator

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE  
TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.APPROVED: YES ☒

NO \_\_\_\_\_

(REASON) \_\_\_\_\_

SIGNED:

Ken C. Mann

DATE:

12-24-98

22582

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>8J681</u> C.O.C. NO: <u>6309</u>																																								
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>JICA. A</u> WELL #: <u>3E</u> PIT: <u>PROD.</u>		DATE STARTED: <u>11/19/98</u> DATE FINISHED: _____																																								
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LAND USE: <u>RANGE</u> LEASE: <u>JICA A</u> FORMATION: <u>OK</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>120</u> FT. <u>S67W</u> FROM WELLHEAD.																																										
DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u>																																										
NMOCB RANKING SCORE: <u>0</u> NMOCB TPH CLOSURE STD: <u>5000</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION:																																										
<p>SIDEWALLS - DISKY RD/LT. GRAY CLAY PLASTIC, SLIGHTLY MOIST, STIFF TO VERY STIFF, NO NOTICEABLE STAINING OBSERVED, STRONG HC ODOR DETECTED WITHIN NORTH &amp; WEST SIDEWALL OVM SAMPLES.</p> <p>BOTTOM - BEDROCK (SHALE), PINK RD/LT. GRAY, VERY HARD, SLIGHT APPARENT HC ODOR IN OVM SAMPLE.</p>																																										
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TRAVEL NOTES: CALLOUT: _____ ONSITE: _____																																										

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

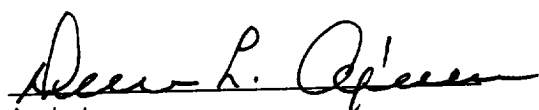
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	1 @ 2'	Date Reported:	11-23-98
Laboratory Number:	E203	Date Sampled:	11-19-98
Chain of Custody No:	6309	Date Received:	11-20-98
Sample Matrix:	Soil	Date Extracted:	11-23-98
Preservative:	Cool	Date Analyzed:	11-23-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	155	0.2
Diesel Range (C10 - C28)	22.8	0.1
Total Petroleum Hydrocarbons	178	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: Jicarilla A #3E Production Tank.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	1 @ 2'	Date Reported:	11-23-98
Laboratory Number:	E203	Date Sampled:	11-19-98
Chain of Custody:	6309	Date Received:	11-20-98
Sample Matrix:	Soil	Date Analyzed:	11-23-98
Preservative:	Cool	Date Extracted:	11-23-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	101	8.8
Toluene	306	8.4
Ethylbenzene	273	7.6
p,m-Xylene	2,010	10.8
o-Xylene	636	5.2
Total BTEX	3,330	

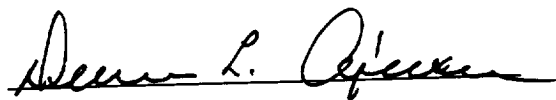
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	98 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Jicarilla A #3E Production Tank Pit.

  
Analyst

  
Review

BJ681

SUBMIT 1 COPY TO  
NATURAL RESOURCE DEPT  
AND OIL & GAS ADMINISTRATION

**JICARILLA APACHE TRIBE  
ENVIRONMENTAL PROTECTION OFFICE  
P.O. BOX 507  
DULCE, NEW MEXICO 87528**

**PIT REMEDIATION AND CLOSURE REPORT**

**Operator:** AMOCO PRODUCTION COMPANY **Telephone:** (505) 326-9200  
**Address:** 200 Amoco Court, Farmington, NM 87401  
**Facility or Well Name:** JICARILLA A #3E  
**Location:** Unit or Qtr/Qtr Sec E Sec 20 T 26N R 5W County RIO ARRIPO  
**Pit Type:** Separator ☒ Dehydrator ☐ Other ☐  
**Land Type:** RANGE

**Pit Location:** Pit dimensions: length 23', width 37', depth 6'  
(Attach diagram) Reference: wellhead ☒, other ☐  
Footage from reference: 138'  
Direction from reference: 80 Degrees ☐ East of North ☒  
☒ West of South ☐

<b>Depth To Groundwater:</b> (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
<b>Distance to an Ephemeral Stream</b> (Downgradient dry wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
<b>Distance to Nearest Lake, Playa, or Watering Pond</b> (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
<b>Wellhead Protection Area:</b> (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)	<u>0</u>
<b>Distance To Surface Water:</b> (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	<u>0</u>

**RANKING SCORE (TOTAL POINTS):** 0

Date Remediation Started: \_\_\_\_\_

Date Completed: 11/23/98

Remediation Method: Excavation ☒  
 Check all appropriate sections) Landfarmed ☒  
 Other \_\_\_\_\_

Approx. cubic yards 150

Insitu Bioremediation \_\_\_\_\_

Remediation Location:  
 (i.e. landfarmed onsite,  
 name and location of  
 offsite facility)

Onsite ☒ Offsite \_\_\_\_\_

General Description of Remedial Action: Excavation. BEDROCK Bottom.

Groundwater 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 Documents

Sample depth 3' (South SIDEWALL)

Sample date 11/19/98 Sample time 1415

Sample Results

Soil: Benzene	(ppm)	<u>ND</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>0.143</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>190.3</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>ND</u>	Total Xylenes	(ppb)	_____

Groundwater 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 11/23/98 PRINTED NAME Buddy D. Shaw  
 SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO \_\_\_\_\_ (REASON) \_\_\_\_\_

SIGNED: [Signature] DATE: 12-28-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJ651</u> C.D.C. NO: <u>6309</u>
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# FIELD REPORT: CLOSURE VERIFICATION

LOCATION: NAME: <u>JICA</u> A WELL #: <u>3E</u> PIT: <u>SEP</u>	PAGE No: <u>1</u> of <u>1</u>
QUAD/UNIT: <u>E</u> SEC: <u>20</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	DATE STARTED: <u>11/19/98</u> DATE FINISHED: _____
QTR/FOOTAGE: <u>1760' FNL / 930' FNL</u> CONTRACTOR: <u>P+S</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. <u>23</u> FT. x <u>37</u> FT. x <u>6</u> FT. DEEP. CUBIC YARDAGE: <u>150</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>1760' FNL / 930' FNL</u> LEASE: <u>JICA</u> FORMATION: <u>DR</u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 138 FT. N80W FROM WELLHEAD.

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

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

## SOIL AND EXCAVATION DESCRIPTION:

SIDEWALLS - DUSKY RED/LT. GRAY CLAY, PLASTIC, SLIGHTLY MOIST, STIFF TO VERY STIFF, NO NOTICEABLE STRIPPING OBSERVED, HC ODOOR DETECTED IN EAST & SOUTH SIDEWALL OVM SAMPLES.

BOTTOM - BEDROCK (SHALE), PALE RED/LT. GRAY, VERY HARD, NO APPARENT HC ODOOR IN OVM SAMPLE.

BEDROCK  
BOTTOM

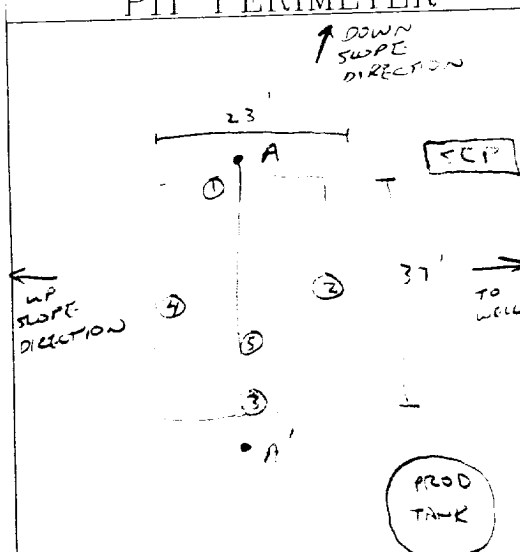
CLOSED

## FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1415							

SCALE  
0 FT

## PIT PERIMETER



## OVM RESULTS

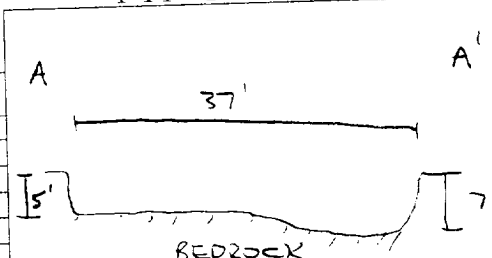
SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 3'	0.0
2 @ 3'	81.1
3 @ 3'	190.3
4 @ 3'	0.0
5 @ 6'	0.0

## LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5 @ 3'	TPH/BTEX	1545

BOTH PASSED

## PIT PROFILE



TRAVEL NOTES: CALLOUT: \_\_\_\_\_ ONSITE: \_\_\_\_\_



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

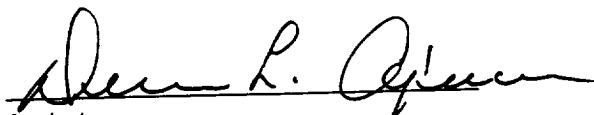
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	3 @ 3'	Date Reported:	11-23-98
Laboratory Number:	E204	Date Sampled:	11-19-98
Chain of Custody No:	6309	Date Received:	11-20-98
Sample Matrix:	Soil	Date Extracted:	11-23-98
Preservative:	Cool	Date Analyzed:	11-23-98
Condition:	Cool and Intact	Analysis 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: Jicarilla A #3E Separator Pit.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	3 @ 3'	Date Reported:	11-23-98
Laboratory Number:	E204	Date Sampled:	11-19-98
Chain of Custody:	6309	Date Received:	11-20-98
Sample Matrix:	Soil	Date Analyzed:	11-23-98
Preservative:	Cool	Date Extracted:	11-23-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	ND	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	103	10.8
o-Xylene	40.5	5.2
Total BTEX	143	

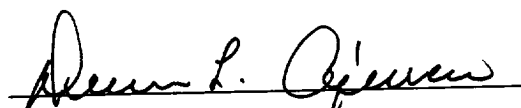
ND - Parameter not detected at the stated detection limit.

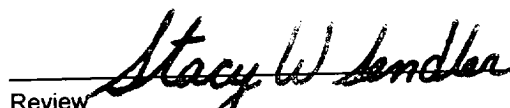
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Jicarilla A #3E Separator Pit.

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

6309

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																		
BAGS / Amoco		TICARUA A # 3E																				
Sampler: NTV		Client No. 04034-10																				
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Remarks																
① @ 2'	11/19/98	1500	E 203	SOIL	1	✓	✓	✓	Procedures Tank													
③ @ 3'	11/19/98	1545	E 204	SOIL	1	✓	✓	✓	SEMPER PIT													
									BOTH SAMPLES													
									PRESERV. - COOL													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time												
[Signature]		11/20/98		0749		[Signature]		11/20/98		0749												
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time												
[Signature]						[Signature]																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time												
[Signature]						[Signature]																
<div style="display: flex; justify-content: space-between;"> <div> <p>6306-6309</p> <p><b>ENVIROTECH INC.</b></p> <p>5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615</p> </div> <div> <p>Sample Receipt</p> <table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Received Intact</td> <td>✓</td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table> </div> </div>											Y	N	N/A	✓			Received Intact	✓		Cool - Ice/Blue Ice	✓	
Y	N	N/A																				
✓																						
Received Intact	✓																					
Cool - Ice/Blue Ice	✓																					

JICARILLA APACHE TRIBE  
ENVIRONMENTAL PROTECTION OFFICE  
P.O. BOX 507  
DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO:  
NATURAL RESOURCE DEPT  
AND OIL & GAS ADMINISTRATION

**ON-SITE SOIL REMEDIATION REPORT**

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9200

Address: 200 Amoco Court, Farmington, NM 87401

Facility or Well Name: JICARILLA A-3E

Location: Unit or Qtr/Qtr Sec E Sec 20 T 20N R 5W County RIO ARriba

Land Type: RANGE

Date Remediation Started: 11-19-98

Date Completed: 6/4/99

Remediation Method: Landfarmed ☒

Approx. cubic yards 190

Composted ☐

Other ☐

Depth To Groundwater: (pts.) 0

Distance to an Ephemeral Stream (pts.) 0

Distance to Nearest Lake, Playa,  
or Watering Pond (pts.) 0

Wellhead Protection Area: (pts.) 0

Distance To Surface Water: (pts.) 0

RANKING SCORE (TOTAL POINTS): 0

**Final Closure Sampling:**

Sampling Date: 6-2-99 Time: 1120

**Sample Results:**

Field Headspace (ppm) 4.1

TPH (ppm) 1,210 Method TPH (8015)

Other ☐

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 6/4/99 PRINTED NAME Buddy D. Shaw

SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO ☐ (REASON) \_\_\_\_\_

SIGNED: [Signature] DATE: 6-18-99

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B5681</u> C.O.C. NO: <u>7060</u>
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## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>SICARILLA A</u> WELL #: <u>3E</u> PITS: <u>SEP. PROD</u> QUAD/UNIT: <u>E</u> SEC: <u>20</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTR/FOOTAGE: <u>SW/4 NW/4</u> CONTRACTOR: <u>P+S</u>	DATE STARTED: <u>6-2-99</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>REP</u>
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### SOIL REMEDIATION:

 REMEDIATION SYSTEM: LANDFARM

 APPROX. CUBIC YARDAGE: 190

 LAND USE: RANGE

 LIFT DEPTH (ft): 1'

### 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

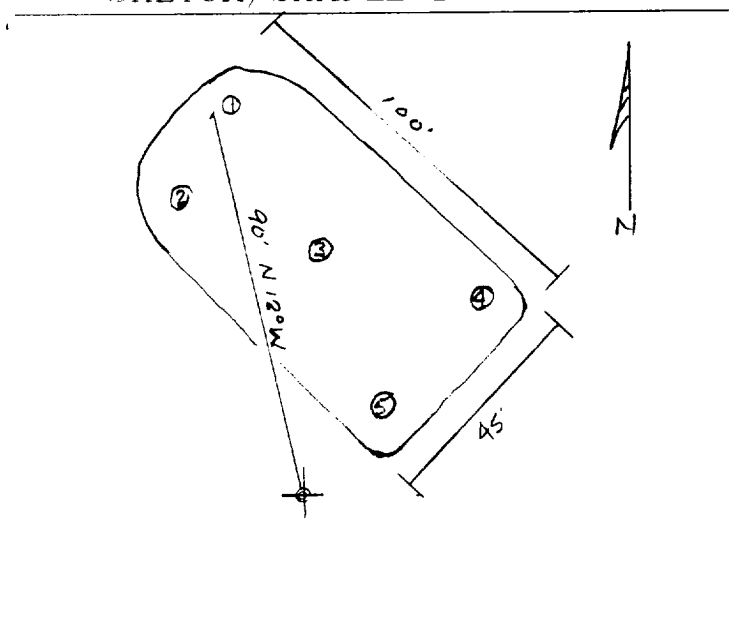
MODERATE - DARK YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM.  
 NO APPARENT STAINING. HC ODOR DETECTED IN SAMPLING PT. ⑤. SAMPLING  
 DEPTHS RANGE FROM 6"-10" COLLECTED A 5PT COMPOSITE SAMPLE  
 FOR LAB ANALYSIS.

CLOSED

### 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
LF-1	4.1	LF-1	TPH (8015)	1120	1,210

### SCALE



0 FT

### TRAVEL NOTES:

 CALLOUT: NA

 ONSITE: 6-2-99

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

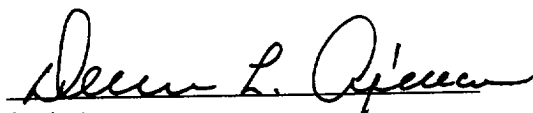
Client:	Blagg / AMOCO	Project #:	403410
Sample ID:	LF - 1	Date Reported:	06-04-99
Laboratory Number:	F450	Date Sampled:	06-02-99
Chain of Custody No:	7060	Date Received:	06-03-99
Sample Matrix:	Soil	Date Extracted:	06-03-99
Preservative:	Cool	Date Analyzed:	06-04-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.7	0.2
Diesel Range (C10 - C28)	1,210	0.1
Total Petroleum Hydrocarbons	1,210	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: Jicarilla A - 3E Landfarm. 5 Pt. Composite.

  
Analyst

  
Review

7060

[illegible]