

RECEIVED

JUL 13 1999

OIL CON. DIV.

DIST. 3

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

DEPUTY OIL & GAS INSPECTOR

AUG 13 1999

SUBMIT 1 COPY TO

RESOURCE DEPT

AND OIL & GAS ADMINISTRATION

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 #7

Location: Unit or Qtr/Qtr Sec L Sec 17 T26N R5W County RIO ARriba

Pit Type: Separator Dehydrator Other PRODUCTION TANK

Land Type: RANGE

Pit Location:  
(Attach diagram)

Pit dimensions: length 13', width 20', depth 8'

Reference: wellhead X, other

Footage from reference: 125'

Direction from reference: 9 Degrees X East of North  
West South X

Depth To Groundwater:

(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)

0

Distance to an Ephemeral Stream

(Downgradient dry wash greater than  
ten feet in width)

Less than 100 feet (10 points)  
Greater than 100 feet (0 points)

0

Distance to Nearest Lake, Playa, or Watering Pond

(Downgradient lakes, playas and  
livestock or wildlife watering ponds)

Less than 100 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)  
No (0 points)

0

Distance To SurfaceWater:

(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)

0

RANKING SCORE (TOTAL POINTS):

0

Date Remediation Started: \_\_\_\_\_ Date Completed: 12/4/98

Remediation Method: Excavation X Approx. cubic yards 50  
 (Check all appropriate sections) Landfarmed X Insitu Bioremediation \_\_\_\_\_  
 Other \_\_\_\_\_

Remediation Location: Onsite X Offsite \_\_\_\_\_  
 (i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation, BEDROCK BOTTOM.

Groundwater 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 4' (SOUTH SIDEWALL)

Sample date 12/2/98 Sample time 1145

Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>4.3</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>55.1</u>	Total Xylenes	(ppb)	_____

Groundwater 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 12/4/98 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 X NO \_\_\_\_\_ (REASON) \_\_\_\_\_

SIGNED: K. C. Mann DATE: 12-28-98

08097

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>85701</u> C.O.C. NO: <u>6418</u>																																								
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>JICA</u> A      WELL #: <u>7</u> PIT: <u>PROD.</u>		DATE STARTED: <u>12/2/98</u>																																								
QUAD/UNIT: <u>L</u> SEC: <u>17</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>		DATE FINISHED: _____																																								
QTR/FOOTAGE: <u>1595' RSL/900' FWL</u> CONTRACTOR: <u>P &amp; S</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
EXCAVATION APPROX. <u>13</u> FT. x <u>20</u> FT. x <u>8</u> FT. DEEP. CUBIC YARDAGE: <u>50</u>																																										
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>																																										
LAND USE: <u>RANGE</u> LEASE: <u>JICA</u> FORMATION: <u>DK</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>125</u> FT. <u>59E</u> FROM WELLHEAD.																																										
DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u>																																										
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION:																																										
<div style="float: right; border: 1px solid black; padding: 5px; width: 200px;"> CHECK ONE:  <input checked="" type="checkbox"/> PIT ABANDONED  <input type="checkbox"/> STEEL TANK INSTALLED  <input type="checkbox"/> FIBERGLASS TANK INSTALLED </div> <p>SIDEWALLS - DK. YELL. ORANGE SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT STAINING EVIDENT NO APPARENT HC ODOR DETECTED w/in EXCAVATION OR IN ANY OF THE OVM SAMPLES.</p> <p>BOTTOM - BEDROCK (SHALE), OLIVE GRAY IN COLOR, VERY HARD, NO APPARENT HC ODOR IN OVM SAMPLE.</p>																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <div style="border: 1px solid black; padding: 2px; display: inline-block;">BEDROCK BOTTOM</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">CLOSED</div> </div> <div style="width: 60%; text-align: center;">FIELD 418.1 CALCULATIONS</div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>TIME</th> <th>SAMPLE I.D.</th> <th>LAB No:</th> <th>WEIGHT (g)</th> <th>mL. FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. ppm</th> </tr> </thead> <tbody> <tr> <td>1145</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>			TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm	1145																															
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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

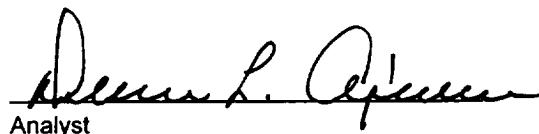
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	3 @ 4'	Date Reported:	12-04-98
Laboratory Number:	E256	Date Sampled:	12-02-98
Chain of Custody No:	6418	Date Received:	12-04-98
Sample Matrix:	Soil	Date Extracted:	12-04-98
Preservative:	Cool	Date Analyzed:	12-04-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.4	0.2
Diesel Range (C10 - C28)	53.7	0.1
Total Petroleum Hydrocarbons	55.1	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 #7 Production Tank Pit.

  
Analyst

  
Review

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

87701

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

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 # 7  
Location: Unit or Qtr/Qtr Sec 2 Sec 17 T 26N R 5W County RIO ARIZONA  
Pit Type: Separator ☒ Dehydrator ☐ Other ☐  
Land Type: RANGE

Pit Location: Pit dimensions: length 38', width 30', depth 6'  
(Attach diagram) Reference: wellhead ☒, other ☐  
Footage from reference: 100'  
Direction from reference: 53 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: 12 / 4 / 98

Remediation Method: Excavation ☒ Approx. cubic yards 200  
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation \_\_\_\_\_  
Other \_\_\_\_\_

Remediation Location: Onsite ☒ Offsite \_\_\_\_\_  
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation, BEDROCK BOTTOM.

Groundwater 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 3' (EAST SIDEWALL)

Sample date 12/2/98 Sample time 1215

## Sample Results

Soil: Benzene	(ppm)	<u>0.731</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>5.980</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>195.3</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>4040</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 12/4/98 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 Marshall DATE: 12-28-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BT701</u> C.D.C. NO: <u>6418</u>
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<b>FIELD REPORT: CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>JICA</u> <u>A</u> WELL #: <u>7</u> PIT: <u>SEP.</u>		DATE STARTED: <u>12/2/98</u> DATE FINISHED: _____
QUAD/UNIT: <u>L</u> SEC: <u>17</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>1595' FSL</u> <u>900' FSL</u> CONTRACTOR: <u>P &amp; S</u>		

EXCAVATION APPROX. <u>38</u> FT. x <u>30</u> FT. x <u>6</u> FT. DEEP.	CUBIC YARDAGE: <u>200</u>
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u>	LEASE: <u>JICA</u> FORMATION: <u>DK</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>100</u> FT. <u>SS3W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u> NMDCD RANKING SCORE: <u>0</u> NMDCD TPH CLOSURE STD: <u>5000</u> PPM
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SOIL AND EXCAVATION DESCRIPTION:

SIDEWALLS - DK. YELL. ORANGE (WEST SIDEWALL), OLIVE GRAY (NORTH & SOUTH SIDEWALLS), TO MED. GRAY (EAST SIDEWALL) SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM TO DENSE EAST SIDEWALL STAINED ONLY, HC ODOOR DETECTED FROM EAST SIDEWALL PORTION ONLY, STRONG HC ODOOR IN EAST SIDEWALL DUM SAMPLE ONLY.

BOTTOM - BEDROCK (SHALE), OLIVE GRAY IN COLOR, VERY HARD, STRONG HC ODOOR IN DUM SAMPLE.

CHECK ONE:

☒ PIT ABANDONED

☐ STEEL TANK INSTALLED

☐ FIBERGLASS TANK INSTALLED

**BEDROCK BOTTOM**

**SCALE**

0  FT

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
12/5							

**PIT PERIMETER**

**PIT PROFILE**

**OVM RESULTS**

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 3'	0.0
2 @ 3'	195.3
3 @ 2'	0.0
4 @ 3'	0.0
5 @ 6'	131.1

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
2 @ 3'	TPH/BTEX	12/5
<b>BOTH PASSED</b>		

TRAVEL NOTES:    CALLOUT: _____    ONSITE: _____
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# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

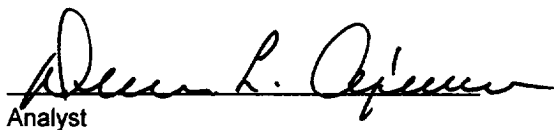
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	2 @ 3'	Date Reported:	12-04-98
Laboratory Number:	E257	Date Sampled:	12-02-98
Chain of Custody No:	6418	Date Received:	12-04-98
Sample Matrix:	Soil	Date Extracted:	12-04-98
Preservative:	Cool	Date Analyzed:	12-04-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	150	0.2
Diesel Range (C10 - C28)	3,890	0.1
Total Petroleum Hydrocarbons	4,040	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 #7 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:	2 @ 3'	Date Reported:	12-04-98
Laboratory Number:	E257	Date Sampled:	12-02-98
Chain of Custody:	6418	Date Received:	12-04-98
Sample Matrix:	Soil	Date Analyzed:	12-04-98
Preservative:	Cool	Date Extracted:	12-04-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	731	8.8
Toluene	994	8.4
Ethylbenzene	605	7.6
p,m-Xylene	2,150	10.8
o-Xylene	1,500	5.2
Total BTEX	5,980	

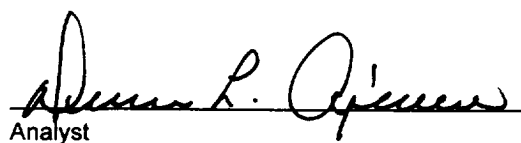
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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 #7 Separator Pit.

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

6418

Client / Project Name		Project Location			ANALYSIS / PARAMETERS					
BREC / Amoco		TERRA A #7								
Sampler: NTV		Client No. 04034-10								
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH (8015)	BTEX (802)	Remarks		
③ @ 4'	12/2/98	1145	E257	SOIL	1	✓		Recovered Tank PIT		
② @ 3'	12/2/98	1215	E257	SOIL	1	✓	✓	SEPARATOR PIT		
								BOTH STANGES		
								RESIDUAL - COOL		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)				Date	Time	
M. L. V. J.		12/4/98	0732	A. L. J.				12/4/98	0732	
Relinquished by: (Signature)				Received by: (Signature)						
Relinquished by: (Signature)				Received by: (Signature)						
Rel COC 6417-6421		ENVIROTECH INC.						Sample Receipt		
		5796 U.S. Highway 64						Y	N	N/A
		Farmington, New Mexico 87401						Received Intact		
		(505) 632-0615						Cool - Ice/Blue Ice	✓	

B3701

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 - 7  
Location: Unit or Qtr/Qtr Sec L Sec 18 T 26N R 5W County BIO ARriba  
Land Type: \_\_\_\_\_

Date Remediation Started: 12.2.98 Date Completed: 6/2/99  
Remediation Method: Landfarmed ☒ Approx. cubic yards 250  
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 SurfaceWater: (pts.) 0

**Final Closure Sampling:**

Sampling Date: 6.1.99 Time: 0945  
Sample Results:  
Field Headspace (ppm) 78.7  
TPH (ppm) 927 Method <sup>TPH</sup> (80.5)  
Other \_\_\_\_\_

RANKING SCORE (TOTAL POINTS): 0

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

DATE 6/2/99 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: 6-18-98 KC

CLIENT: AMOCOBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: 85701C.D.C. NO: 7053

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: SICARILLA A WELL #: 7 PITS: SEP, PROD.DATE STARTED: 6.1.99QUAD/UNIT: L SEC: 18 TWP: 26N RNG: 5W PM: NM CNTY: EA ST: NM

DATE FINISHED: \_\_\_\_\_

STR/FOOTAGE: NW/4 SW/4 CONTRACTOR: P+SENVIRONMENTAL  
SPECIALIST: REP

## SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 250LAND USE: RANGELIFT DEPTH (ft): 1'

## FIELD NOTES &amp; REMARKS:

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

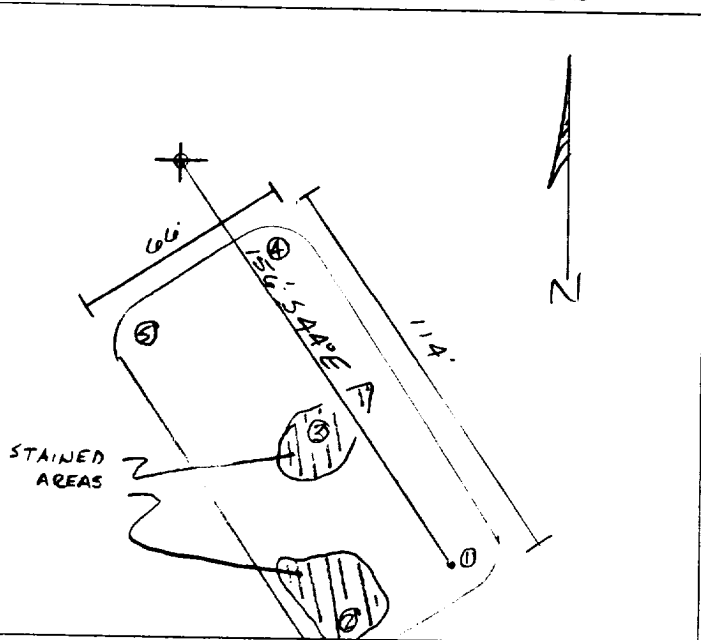
DK. YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM.  
TWO SMALL AREAS OF STAINING OBSERVED IN LANDFARM AREA (SEE SKETCH BELOW)  
H.C. ODOR DETECTED IN SAMPLING PTS ① + ③. SAMPLING DEPTHS RANGE  
FROM 6"-10" COLLECTED A 5PT COMPOSITE SAMPLE FOR LAB ANALYSIS.

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	78.7	LF-1	TPH (BOS)	0945	927

## SCALE

0 FT

TRAVEL NOTES: CALLOUT: NAONSITE: 6.1.99

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

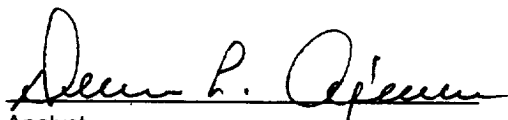
Client:	Blagg / AMOCO	Project #:	403410
Sample ID:	LF - 1	Date Reported:	06-02-99
Laboratory Number:	F443	Date Sampled:	06-01-99
Chain of Custody No:	7053	Date Received:	06-02-99
Sample Matrix:	Soil	Date Extracted:	06-02-99
Preservative:	Cool	Date Analyzed:	06-02-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	33.7	0.2
Diesel Range (C10 - C28)	893	0.1
Total Petroleum Hydrocarbons	927	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 - 7 Landfarm. 5 Pt. Composite.

  
Analyst

  
Review

## 7053

# ENVIROTECH INC.