

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

87545

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

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED  
AUG 16 1999

Operator: AMOCO PRODUCTION COMPANY

Telephone: (505) 326-9200

Address: 200 Amoco Court, Farmington, NM 87401

Facility or Well Name: JICARILLA CONTRACT #146-31

Location: Unit or Qtr/Qtr Sec E Sec 10 T 25N R 5W County RIO ARRIBA

Pit Type: Separator    Dehydrator    Other BLW

Land Type: RANGE

Pit Location:  
(Attach diagram)

Pit dimensions: length 42', width 37', depth 17'

Reference: wellhead X, other   

Footage from reference: 165'

Direction from reference: 55 Degrees X East of North     
   West of 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 Surface Water:

(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: \_\_\_\_\_

9/24/98

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

Other \_\_\_\_\_

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

800

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

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

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 \_\_\_\_\_

11' (NORTH SIDEWALL)

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

9/24/98

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

1300

Sample Results

Soil: Benzene

(ppm) \_\_\_\_\_

Total BTEX

(ppm) \_\_\_\_\_

Field Headspace

(ppm) \_\_\_\_\_

TPH

(ppm) \_\_\_\_\_

0.0

ND

Water: Benzene

(ppb) \_\_\_\_\_

Toluene

(ppb) \_\_\_\_\_

Ethylbenzene

(ppb) \_\_\_\_\_

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

9/24/98

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 M... (signature)

DATE:

10-1-98

3003922482

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJ645</u> C.D.C. NO: _____																																								
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QUAD/UNIT: <u>E</u> SEC: <u>10</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
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NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM		CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED <input type="checkbox"/> FIBERGLASS TANK INSTALLED																																								
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SIDEWALLS - MOSTLY OK. YELL. ORANGE TO BROWN SAND TO SILTY SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, BOTTOM 2' OF WEST SIDEWALL STAINED, NO APPARENT HC ODOR DETECTED w/in EXCAVATION OR IN ANY OF THE OVM SAMPLES.																																										
BOTTOM - BEDROCK (SHALE), VERY PALE ORANGE TO MED. RED IN COLOR, VERY HARD, NO APPARENT HC ODOR IN OVM SAMPLE.																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">BEDROCK BOTTOM</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">CLOSED</div> <div style="margin-top: 10px;">           SCALE             0 FT         </div> </div> <div style="width: 65%;"> <div style="text-align: center; margin-bottom: 10px;">FIELD 418.1 CALCULATIONS</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <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>1300</td> <td>① @ 11'</td> <td>TPH-2045</td> <td>5</td> <td>20</td> <td>1:1</td> <td>4</td> <td>ND</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> </div> </div>			TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm	1300	① @ 11'	TPH-2045	5	20	1:1	4	ND																								
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**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:	1 @ 11'	Date Analyzed:	09-24-98
Project Location:	Jicarilla Contract # 146 - 31	Date Reported:	09-24-98
Laboratory Number:	TPH-2045	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	ND	20

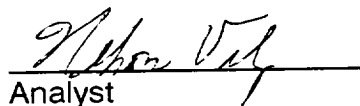
ND = Not Detectable at stated detection limits.

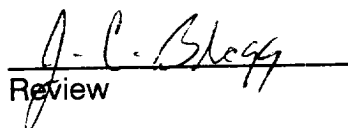
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	236	220	7.02

\*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: Blow Pit - BJ645

  
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:

Sample ID:

Project Location:

Laboratory Number:

Amoco

1 @ 11'

Jicarilla Contract # 146 - 31

TPH-2045

Project #:

Date Analyzed:

Date Reported:

Sample Matrix:

09-24-98

09-24-98

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

4 mg/kg

TPH Result:

16.0 mg/kg

Reported TPH Result:

16 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.

-----  
236

-----  
220

-----  
7.02

Comments:

\*\*\*\*\*Max Characters\*\*\*\*\*

Comments:

Blow Pit - BJ645

BJ645

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 CONTRACT # 146-31  
**Location:** Unit or Qtr/Qtr Sec E Sec 10 T 25N R 5W County RIO ARriba  
**Pit Type:** Separator X Dehydrator      Other       
**Land Type:** RANGE

**Pit Location:**  
(Attach diagram)

**Pit dimensions:** length 21', width 26', depth 15'  
**Reference:** wellhead X, other       
**Footage from reference:** 175'  
**Direction from reference:** 8 Degrees      East of North       
X West of 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)	<u>0</u>
Greater than 100 feet	(0 points)	

**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)	<u>0</u>

**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)	<u>0</u>

**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)	<u>0</u>

**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)	<u>0</u>
Greater than 1000 feet	(0 points)	

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

Date Remediation Started: \_\_\_\_\_ Date Completed: 9/25/98

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

Approx. cubic yards 250  
 Insitu Bioremediation \_\_\_\_\_

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

Sample location see Attached Documents TPH & BTEX LAB RESULTS  
DERIVED FROM 4 PT. COMPOSITE OF SIDEWALLS.  
 Sample depth 10' (NORTH SIDEWALL - OVM READING ONLY).  
 Sample date 9/24/98 Sample time 1400

Sample Results

Soil: Benzene	(ppm)	<u>0.204</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>0.929</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>705</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>98.7</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 9/25/98 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: K. C. Mammall DATE: 10-1-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJ645</u> C.O.C. NO: <u>6217</u>
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<b>FIELD REPORT: CLOSURE VERIFICATION</b>	PAGE No: <u>1</u> of <u>1</u>
---	-------------------------------

LOCATION: NAME: <u>JICA CONTR. 146</u> WELL #: <u>31</u> PIT: <u>SEP.</u> QUAD/UNIT: <u>E</u> SEC: <u>10</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1660' FNL 1095' FWL</u> CONTRACTOR: <u>P+S</u>	DATE STARTED: <u>9/24/98</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
--	---

EXCAVATION APPROX. <u>21</u> FT. x <u>26</u> FT. x <u>15</u> FT. DEEP.	CUBIC YARDAGE: <u>250</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>	
LAND USE: <u>RANGE</u> LEASE: <u>JICA 146</u> FORMATION: <u>MU</u>	

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>175</u> FT. <u>SW</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u> NMOC RANKING SCORE: <u>0</u> NMOC TPH CLOSURE STD: <u>5000</u> PPM SOIL AND EXCAVATION DESCRIPTION:
------------------------	---

CHECK ONE:  
☒ PIT ABANDONED  
☐ STEEL TANK INSTALLED  
☐ FIBERGLASS TANK INSTALLED

SIDEWALLS - MOSTLY DK. YELL. ORANGE TO OLIVE GRAY SAND, NORTH SIDEWALL PREDOMINATELY LT. TO MED. GRAY NON COHESIVE, SLIGHTLY MOIST, FIRM, MAJORITY OF NORTH SIDEWALL STAINED (EXCAVATION CEASED DUE TO BURIED PIPE), NO APPARENT HC ODOR DETECTED W/IN EXCAVATION OR IN ANY OF THE OVM SAMPLES EXCEPT NORTH SIDEWALL (VERY STRONG), COLLECTED 4 PT. COMPOSITE SAMPLE FOR LAB ANALYSIS FROM SIDEWALL SAMPLING PTS.

BOTTOM - BEDROCK (SANDSTONE), OLIVE TO LT. GRAY W/ COLOR, VERY HARD, NO APPARENT HC ODOR IN OVM SAMPLE.

BEDROCK BOTTOM

CLOSED

SCALE

0 FT

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

PIT PERIMETER N↑

PIT PROFILE

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 10'	705
2 @ 10'	0.0
3 @ 9'	0.0
4 @ 9'	0.0
5 @ 15'	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
SW-C	TPH/BTEX	1400

TRAVEL NOTES:	CALLOUT: _____ ONSITE: <u>9/24/98 - AFTER.</u>
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# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

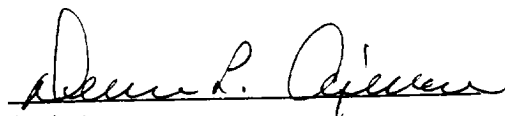
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	SW - C	Date Reported:	09-25-98
Laboratory Number:	D965	Date Sampled:	09-24-98
Chain of Custody No:	6217	Date Received:	09-24-98
Sample Matrix:	Soil	Date Extracted:	09-25-98
Preservative:	Cool	Date Analyzed:	09-25-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

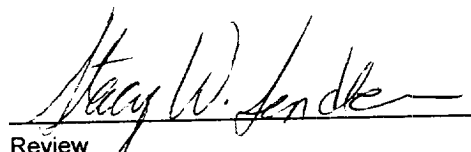
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	5.8	0.2
Diesel Range (C10 - C28)	92.9	0.1
Total Petroleum Hydrocarbons	98.7	0.2

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 Contract #146 - 31 Separator Pit. 4 Pt. Composite of Sidewalls,

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	SW - C	Date Reported:	09-25-98
Laboratory Number:	D965	Date Sampled:	09-24-98
Chain of Custody:	6217	Date Received:	09-24-98
Sample Matrix:	Soil	Date Analyzed:	09-25-98
Preservative:	Cool	Date Extracted:	09-25-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	204	8.8
Toluene	34.3	8.4
Ethylbenzene	120	7.6
p,m-Xylene	369	10.8
o-Xylene	202	5.2
Total BTEX	929	

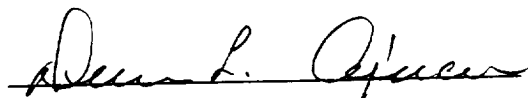
ND - Parameter not detected at the stated detection limit.

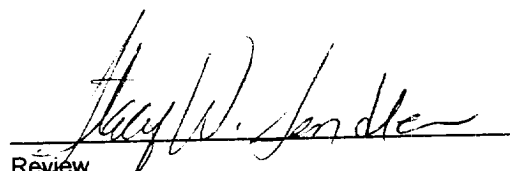
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	101 %
	Bromofluorobenzene	101 %

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 Contract #146 - 31 Separator Pit. 4 Pt. Composite of Sidewalls.

  
Analyst

  
Review

6217

**ENVIROTECH INC.**

5796 U.S. Highway 64  
Farmington, New Mexico 87401  
(505) 632-0615

**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 CONTRACT 146-31

Location: Unit or Qtr/Qtr Sec E Sec 10 T 25N R 5W County RIO ARriba

Land Type: RANGE

Date Remediation Started: 9-24-98

Date Completed: 4/21/99

Remediation Method: Landfarmed ☒

Approx. cubic yards 1050

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: 4-19-99 Time: 1150

**Sample Results:**

Field Headspace (ppm) 305

TPH (ppm) 973 Method TPH (B015)

Other ☐

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

DATE 4/21/99 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: \_\_\_\_\_ DATE: \_\_\_\_\_

CLIENT: AMOCOBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: B5645C.O.C. NO: 6895

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME JICARILLA CONTRACT 146 WELL # 31PITS: SEP, BLOWDATE STARTED: 4.19.99

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

QUAD/UNIT E SEC: 10 TWP: 25N RNG: 5W PM: NM CNTY: RA ST: NMSTAKE/STAGE SW/4 NW/4CONTRACTOR: P+SENVIRONMENTAL  
SPECIALIST: REP

## CLOSURE REMEDIATION:

REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 1050LAND USE: RANGELIFT DEPTH (ft): 1.5

## FIELD NOTES &amp; REMARKS:

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

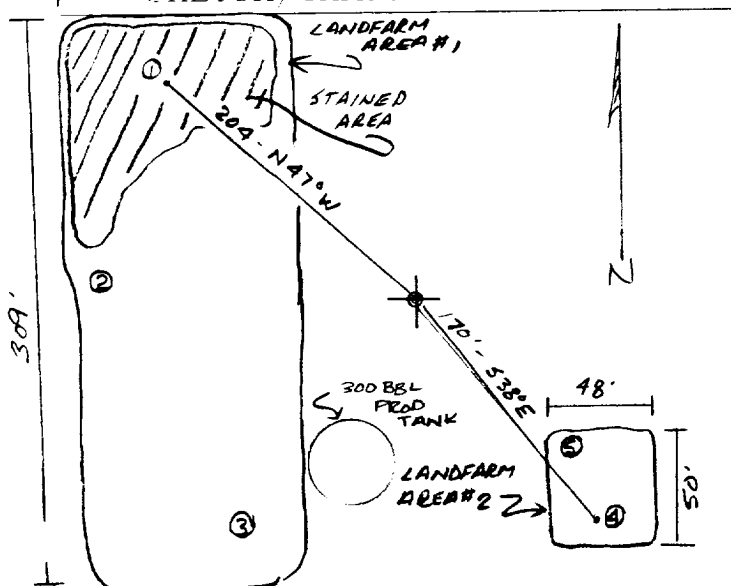
LT OLIVE GRAY SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM

LG. AREA OF STAINING IN LF. AREA #1 (SEE SKETCH BELOW) HC ODOR  
DETECTED IN SAMPLING PT. ①. SAMPLING DEPTHS RANGE FROM  
6" - 12". COLLECTED A SPT COMPOSITE SAMPLE FOR LAB ANALYSIS.CLOSED

## FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE ID	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	30.5	LF-1	TPH (EOLIS)	1150	973

## SCALE



0 FT

TRAVEL NOTES:

CALLOUT: N/AONSITE: 4.19.99

# 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:	04-21-99
Laboratory Number:	F061	Date Sampled:	04-19-99
Chain of Custody No:	6895	Date Received:	04-20-99
Sample Matrix:	Soil	Date Extracted:	04-21-99
Preservative:	Cool	Date Analyzed:	04-21-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	46.9	0.2
Diesel Range (C10 - C28)	926	0.1
Total Petroleum Hydrocarbons	973	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 Contract 146 - 31 Landfarm. 5 Pt. Composite.

  
Analyst

  
Review

6895

[illegible]