

*Emergency Unit*  
DEPUTY OIL & GAS INSPECTOR

001 0 8 1999

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

*Blow-OK*  
BT532

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

*Sep/Tank Drain-OK*

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 148 - 33  
Location: Unit or Qtr/Qtr Sec H Sec 15 T 25N R 5W County RIO ARRIBA  
Pit Type: Separator      Dehydrator      Other BLOW  
Land Type: RANGE

Pit Location: Pit dimensions: length 69', width 58', depth 7'  
(Attach diagram) Reference: wellhead X, other       
Footage from reference: 100'  
Direction from reference: 10 Degrees X East of North       
     West of South X

**Depth To Groundwater:**

(Vertical distance from  
contaminants to seasonal  
high water elevation of  
groundwater)

**RECEIVED**  
AUG 24 1999  
**OIL CON. DIV.**  
DIST. 3

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: 2/4/98

Remediation Method:

Excavation ☒Approx. cubic yards 800Check all appropriate  
(check all appropriate)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:

Closure Sampling:

(if multiple samples,  
attach sample results  
and diagram of sample  
locations and depths)Sample location see Attached Documents

Sample depth

4' (NORTH SIDEWALL)

Sample date

2/3/98

Sample time

1400

Sample Results

Soil: Benzene

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

Water: Benzene

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

Total BTEX

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

Toluene

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

Field Headspace

(ppm) 0.0

Ethylbenzene

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

TPH

(ppm) 46.0

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

2/4/98

PRINTED NAME

Buddy D. Shaw

SIGNATURE

Buddy D. Shaw

AND TITLE

Environmental CoordinatorAFTER 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:

Kerr C. Williams

DATE:

2-6-98

CLIENT <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>8J532</u> C.O.C. NO: <u>5725</u>
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME <u>TICA. CONTR. 148</u> WELL # <u>33</u> PIT <u>BLOW</u> QUAD/UNIT: <u>H</u> SEC: <u>15</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>Nm</u> CNTY: <u>RA</u> ST: <u>Nm</u> QTR/FOOTAGE <u>SE/4 NE/4</u> CONTRACTOR: <u>P &amp; S</u>	DATE STARTED: <u>2/3/98</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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EXCAVATION APPROX. <u>69</u> FT x <u>58</u> FT x <u>7</u> FT. DEEP.	CUBIC YARDAGE: <u>800</u>	
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIATION METHOD: <u>LANDFARM</u>	
LAND USE: <u>RANGE</u>	LEASE: <u>TIC 148</u>	FORMATION: <u>OK</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>100</u> FT. <u>SIDE</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>2100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u> NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM SOIL AND EXCAVATION DESCRIPTION:
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CHECK ONE:  
☒ PIT ABANDONED  
☐ STEEL TANK INSTALLED  
☐ FIBERGLASS TANK INSTALLED

MOSTLY OLIVE GRAY TO DR. YELL. BROWN SILTY SAND TO CLAY NOW COHESIVE TO SLIGHTLY PLASTIC (CLAY) SLIGHTLY MOIST, FIRM UNABLE TO DISTINGUISH ANY STRAINING, NO APPARENT HC ODOR OBSERVED ON SIDEWALLS PIT BOTTOM CONSIST OF SANDSTONE BEDROCK, VERY HARD, HC ODOR APPARENT MOSTLY W/W NORTHERN HALF OF PIT BOTTOM, NO APPARENT HC ODOR IN ANY OF THE SIDEWALL DUM SAMPLES.

BEDROCK BOTTOM

CLOSED

SCALE

0 FT

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

PIT PERIMETER

PIT PROFILE

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 4'	0.0
2 @ 3'	0.0
3 @ 3'	0.0
4 @ 3'	0.0
5 @ 7'	90.8

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 4'	TPH 418.1	1400

**PASSED**

TRAVEL NOTES:	CALLOUT: _____
ONSITE: <u>2/3/98</u>	

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

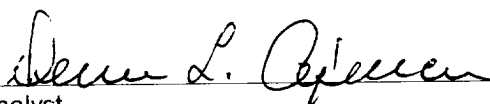
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	1 @ 4'	Date Reported:	02-04-98
Laboratory Number:	C876	Date Sampled:	02-03-98
Chain of Custody No:	5725	Date Received:	02-04-98
Sample Matrix:	Soil	Date Extracted:	02-04-98
Preservative:	Cool	Date Analyzed:	02-04-98
Condition:	Cool and Intact	Analysis Needed:	TPH-418.1

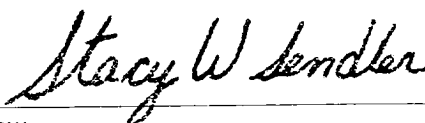
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	46.0	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Jicarilla Contract 148-33 Blow Pit.

  
Analyst

  
Review

[illegible]

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

87532

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 CONTRACT 148-33

Location: Unit or Qtr/Qtr Sec H Sec 15 T 25N R 5W County RIO ARriba

Pit Type: Separator ☒ Dehydrator ☐ Other PRODUCTION TANK

Land Type: RANGE

Pit Location:  
(Attach diagram)

Pit dimensions: length 16', width 14', depth 8'

Reference: wellhead ☒, other ☐

Footage from reference: 141'

Direction from reference: 83 Degrees ☐ East of North ☐  
☒ West of South ☒

**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)	<u>0</u>

**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 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)	<u>0</u>

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

BJ532

SEP./PROD. TANK PIT

Date Remediation Started: \_\_\_\_\_ Date Completed: 4/22/98

Remediation Method: Excavation ☒ Approx. cubic yards 50  
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 4' (WEST SIDEWALK)Sample date 4/22/98 Sample time 1100

## Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>2.0</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>236</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 4/22/98 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: Kearney DATE: 4-29-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>87532</u> C.O.C. NO: <u>5750</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> CONTR. <u>148</u> WELL #: <u>33</u> PIT: <u>SEP/PROD</u> QUAD/UNIT: <u>H</u> SEC: <u>15</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>DM</u> CNTY: <u>RA</u> STNM QTR/FOOTAGE: <u>SE/4 NE/4</u> CONTRACTOR: <u>PES</u>	DATE STARTED: <u>4/22/98</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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EXCAVATION APPROX. <u>16</u> FT. x <u>14</u> FT. x <u>8</u> FT. DEEP.	CUBIC YARDAGE: <u>50</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARMED</u>	
LAND USE: <u>RANGE</u> LEASE: <u>JIC 148</u> FORMATION: <u>OK</u>	

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>141</u> FT. <u>583W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>7100'</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
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SOIL AND EXCAVATION DESCRIPTION:

MOSTLY DK. YELL. BROWN SAND TO SILTY SAND, SLIGHTLY COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT STAINING OR HC ODOR OBSERVED WITH EXCAVATION, NO APPARENT HC ODOR IN OVM SAMPLES.

BOTTOM - PALE ORANGE BEDROCK (SANDSTONE), VERY HARD, NO APPARENT STAINING, NO APPARENT HC ODOR IN OVM SAMPLE.

CHECK ONE:

☒ PIT ABANDONED

☐ STEEL TANK INSTALLED

☐ FIBERGLASS TANK INSTALLED

BEDROCK BOTTOM

CLOSED

SCALE

0 FT

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1100	4e4'	TPH-1959	5	20	1:1	59	236

PIT PERIMETER

PIT PROFILE

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1e4'	0.0
2e5'	0.0
3e4'	0.0
4e4'	0.0
5e8'	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
4e4'	TPH (418.1)	1100

TRAVEL NOTES:	CALLOUT: _____ ONSITE: <u>4/22/98 - MORN</u>
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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:	4 @ 4'	Date Analyzed:	04-22-98
Project Location:	Jicarilla Contract 148 - 33	Date Reported:	04-22-98
Laboratory Number:	TPH-1959	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
-----	-----	-----
Total Recoverable Petroleum Hydrocarbons	240	20

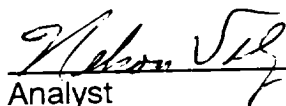
ND = Not Detectable at stated detection limits.

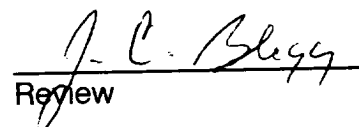
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	608	568	6.80

\* 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: Separator Pit - BJ532

  
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

4 @ 4'

Jicarilla Contract 148 - 33

TPH-1959

Project #:

Date Analyzed:

Date Reported:

Sample Matrix:

04-22-98

04-22-98

Soil

Sample Weight: 5.00 grams  
Volume Freon: 20.00 mL  
Dilution Factor: 1 (unitless)  
TPH Reading: 59 mg/kg

TPH Result: 236.0 mg/kg  
Reported TPH Result: 240 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: Separator Pit - BJ532


Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	4 @ 4'	Date Reported:	04-23-98
Laboratory Number:	D145	Date Sampled:	04-22-98
Chain of Custody No:	5750	Date Received:	04-23-98
Sample Matrix:	Soil	Date Extracted:	04-23-98
Preservative:	Cool	Date Analyzed:	04-23-98
Condition:	Cool and Intact	Analysis Needed:	TPH-418.1

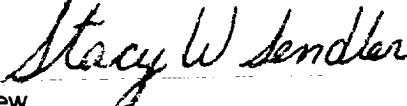
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	108	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: jicarilla Contract 148-33 Separator Pit.

  
Analyst

  
Review

(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 148-33

Location: Unit or Qtr/Qtr Sec H Sec 15 T 25N R 5W County RIO ARIZONA

Land Type: RANGE

Date Remediation Started: 2-3-98 Date Completed: 11/18/99

Remediation Method: Landfarmed ☒ Approx. cubic yards 1400

Composted ☐

Other ☐

To Groundwater:		Final Closure Sampling:	
Distance to an Ephemeral Stream	(pts.) <u>0</u>	Sampling Date: <u>1-14-99</u>	Time: <u>1250</u>
Distance to Nearest Lake, Playa, or Watering Pond	(pts.) <u>0</u>	Sample Results:	
Wellhead Protection Area:	(pts.) <u>0</u>	Field Headspace (ppm) <u>0.0</u>	
Distance To Surface Water:	(pts.) <u>0</u>	TPH (ppm) <u>643</u>	Method <u>8015</u>
		Other <u>MULTIPLE SAMPLES - SEE ATTACHED</u>	
RANKING SCORE (TOTAL POINTS): <u>0</u>		<u>FORM</u>	

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

DATE 11/18/99 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: K. C. Ma DATE: 3-31-99

CLIENT: <u>AMOCO</u>	<b>BLAGG ENGINEERING, INC.</b> P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJS32</u> C.O.C. NO: <u>6550</u>
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## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>JICARILLA CONTRACT 148</u> WELL #: <u>33</u>	PITS: <u>BLOW</u>	DATE STARTED: <u>1-14-99</u>
QUAD/UNIT: <u>H</u> SEC: <u>15</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>		DATE FINISHED: <u>1-18-99</u>
CTP/FOOTAGE: <u>SE/4 NE/4</u>	CONTRACTOR: <u>PTS</u>	ENVIRONMENTAL SPECIALIST: <u>REP</u>

### SOIL REMEDIATION:

REMEDIALATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>1400</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>1-2</u>

### FIELD NOTES & REMARKS:

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

NMOCID RANKING SCORE: 0 NMOCID TPH CLOSURE LTD: 5000 PPM

LT. OLIVE GRAY SAND, NON COHESIVE, MOIST, FIRM. LARGE AREA OF STAINING OBSERVED IN LANDFARM AREA #2 (SEE SKETCH BELOW) NO H.C. ODDOR DETECTED SAMPLING DEPTHS RANGE FROM 6" - 18" TOOK A 5PT COMPOSITE SAMPLE FROM EACH LANDFARM AREA FOR LAB ANALYSIS

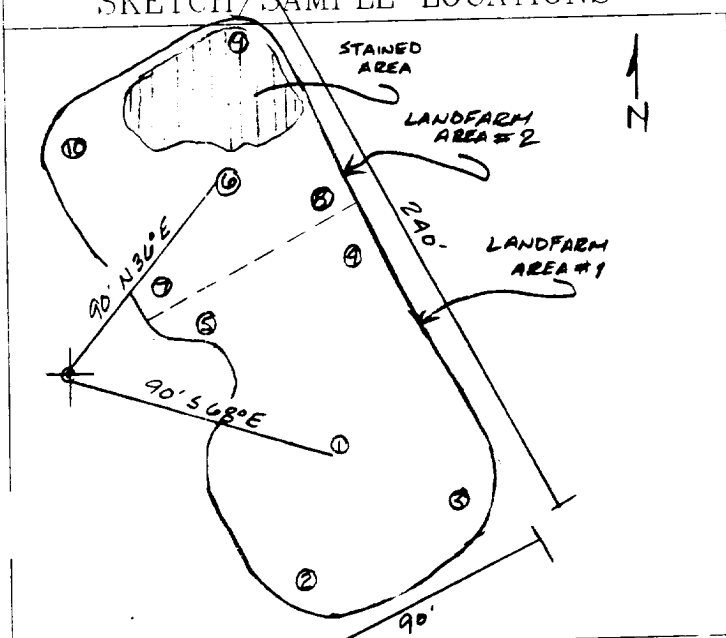
**CLOSED**

APPROX. 550 C.Y. DEPOSED FROM 148-37.

### 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	0.0	LF-1	TPH (20.5)	1230	3.3
LF-2	0.0	LF-2	" "	1250	643

SCALE  
  
 0 FT

TRAVEL NOTES: CALLOUT: N/A      ONSITE: 1-14-99

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

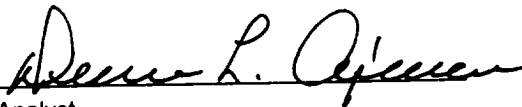
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	01-18-99
Laboratory Number:	E528	Date Sampled:	01-14-99
Chain of Custody No:	6550	Date Received:	01-15-99
Sample Matrix:	Soil	Date Extracted:	01-15-99
Preservative:	Cool	Date Analyzed:	01-18-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

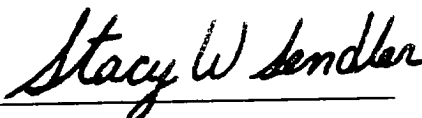
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.7	0.2
Diesel Range (C10 - C28)	0.6	0.1
Total Petroleum Hydrocarbons	3.3	0.2

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 148 - 33 Landfarm. 5 Pt. Composite.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

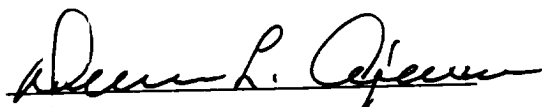
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 2	Date Reported:	01-18-99
Laboratory Number:	E529	Date Sampled:	01-14-99
Chain of Custody No:	6550	Date Received:	01-15-99
Sample Matrix:	Soil	Date Extracted:	01-15-99
Preservative:	Cool	Date Analyzed:	01-18-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH


Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	8.8	0.2
Diesel Range (C10 - C28)	634	0.1
Total Petroleum Hydrocarbons	643	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 148 - 33 Landfarm. 5 Pt. Composite.

  
Analyst

  
Review



# CHAIN OF CUSTODY RECORD

6550

Client / Project Name <b>BLANK/ANOCO</b>			Project Location <b>LANDFARM</b>			ANALYSIS / PARAMETERS					
Sampler: <b>REP</b>			Client No. <b>04034-10</b>			No. of Containers <b>TPH (8015)</b>					
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	Remarks						
<b>LF-1</b>	<b>1.14.99</b>	<b>1230</b>	<b>E528</b>	<b>SOIL</b>	<b>1</b>	<b>✓</b>	<b>SPT. COMPOSITE</b>				
<b>LF-2</b>	<b>1.14.99</b>	<b>1250</b>	<b>E529</b>	<b>SOIL</b>	<b>1</b>	<b>✓</b>	<b>SPT. COMPOSITE</b>				
							<b>SAMPLES PRESERVED</b>				
							<b>COOL</b>				
Relinquished by: (Signature) <i>[Signature]</i>			Date <b>1.15.99</b>	Time <b>0815</b>	Received by: (Signature) <i>[Signature]</i>			Date <b>1.15.99</b>	Time <b>915</b>		
Relinquished by: (Signature)						Received by: (Signature)					
Relinquished by: (Signature)						Received by: (Signature)					
<b>ENVIROTECH INC.</b> 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615											
Sample Receipt Received Intact <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A Cool - Ice/Blue Ice <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A											