

*Denny S. Faust*  
DEPUTY OIL & GAS INSPECTOR

AUG 13 1999

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

BJ620

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

*OK*  
*✓*  
*2 pits*

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 C #7A

Location: Unit or Qtr/Qtr Sec I Sec 13 T 26N R 5W County RIO ARriba

Pit Type: Separator      Dehydrator      Other BLOW

Land Type: RANGE

Pit Location:  
(Attach diagram)

Pit dimensions: length 25', width 20', depth 9'

Reference: wellhead X, other     

Footage from reference: 90'

Direction from reference: 70 Degrees X East of North X  
     West 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

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

Date Completed: 9/3/98Remediation Method:  
(check all appropriate sections)Excavation ☒Landfarmed ☒

Other \_\_\_\_\_

Approx. cubic yards 125

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 DocumentsSample depth 5' (EAST SIDEWALK)Sample date 9/3/98Sample time 0815

Sample Results

Soil: Benzene (ppm) \_\_\_\_\_

Total BTEX (ppm) \_\_\_\_\_

Field Headspace (ppm) 6.0TPH (ppm) 52

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

9/3/98

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:

Kent C. M...

DATE:

9-9-98

3003921641

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BT620</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>JICARILLA</u> C WELL #: <u>TA</u> PIT: <u>BLOW</u> QUAD/UNIT: <u>I</u> SEC: <u>13</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>Nm</u> CNTY: <u>RA</u> ST: <u>Nm</u> QTR/FOOTAGE: <u>1610' FSL</u> <u>920' FEL</u> CONTRACTOR: <u>P &amp; S</u>		DATE STARTED: <u>9/3/98</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. <u>25</u> FT. x <u>20</u> FT. x <u>9</u> FT. DEEP.	CUBIC YARDAGE: <u>125</u>
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u>	LEASE: <u>C</u> FORMATION: <u>MU</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>90</u> FT. <u>N70E</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 D RANKING SCORE: <u>0</u>	NMOC D TPH CLOSURE STD: <u>5000</u> PPM
SOIL AND EXCAVATION DESCRIPTION: <div style="float: right; border: 1px solid black; padding: 5px; margin-top: 10px;">           CHECK ONE:  <input checked="" type="checkbox"/> PIT ABANDONED  <input type="checkbox"/> STEEL TANK INSTALLED  <input type="checkbox"/> FIBERGLASS TANK INSTALLED         </div>	

SIDEWALLS - DK. YELL. ORANGE TO BROWN SAND EXCEPT EAST SIDEWALL (MED. GRAY), NON COHESIVE, SLIGHTLY MOIST TO MOIST FIRM, NO APPARENT STAINING OR HC ODOR OBSERVED/DETECTED W/IN EXCAVATION OR IN ANY OF THE OVM SAMPLES.

BOTTOM - BEDROCK (SANDSTONE), DK. YELL. ORANGE IN COLOR, VERY HARD, NO APPARENT HC ODOR IN OVM SAMPLE.

**SCALE**

0 FT

BEDROCK BOTTOM

CLOSED

FIELD 418.1 CALCULATIONS							
TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0815	②es'	TPH-2024	5	20	1:1	13	52

PIT PERIMETER

PIT PROFILE

OVM RESULTS		
SAMPLE ID	FIELD HEADSPACE PID (ppm)	
1 @ 5'	0.0	
2 @ 5'	6.0	
3 @ 5'	0.0	
4 @ 5'	0.0	
5 @ 9'	0.0	

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES:	CALLOUT: _____	ONSITE: <u>9/3/98 - 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  
Sample ID: 2 @ 5'  
Project Location: Jicarilla C # 7A  
Laboratory Number: TPH-2024

Project #:   
Date Analyzed: 09-03-98  
Date Reported: 09-03-98  
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	52	20

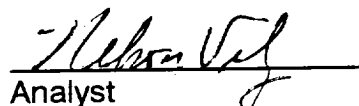
ND = Not Detectable at stated detection limits.

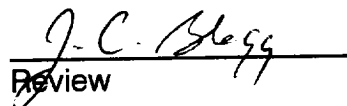
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	236	220	7.02

\* 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 - BJ620

  
Analyst

  
Review

**BLAGG ENGINEERING, INC.**

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**Field TPH-Worksheet**

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Max Characters:

Client:

Amoco

Project #:

Sample ID:

2 @ 5'

Date Analyzed:

09-03-98

Project Location:

Jicarilla C # 7A

Date Reported:

09-03-98

Laboratory Number:

TPH-2024

Sample Matrix:

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

13 mg/kg

TPH Result:

52.0 mg/kg

Reported TPH Result:

52 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 - BJ620

BJGLO

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 C # 7A

Location: Unit or Qtr/Qtr Sec I Sec 13 T 26N R 5W County RIO ARriba

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: RANGE

Pit Location: (Attach diagram) Pit dimensions: length 27', width 25', depth 16'  
Reference: wellhead ☒, other ☐  
Footage from reference: 93'  
Direction from reference: 25 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 SurfaceWater:</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

BT620

SEP. PIT

Date Remediation Started: \_\_\_\_\_ Date Completed: 9/3/98  
Approx. cubic yards 350  
Remediation Method: Excavation ☒ Insitu Bioremediation \_\_\_\_\_  
(Check all appropriate sections) Landfarmed ☒  
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 11' (NORTH SIDEWALL)  
Sample date 9/3/98 Sample time 0955  
Sample Results  
Soil: Benzene (ppm) \_\_\_\_\_ Water: Benzene (ppb) \_\_\_\_\_  
Total BTEX (ppm) \_\_\_\_\_ Toluene (ppb) \_\_\_\_\_  
Field Headspace (ppm) 0.0 Ethylbenzene (ppb) \_\_\_\_\_  
TPH (ppm) 32 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 9/3/98 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: Kurt M. M... DATE: 9-9-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJ620</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>TICARUA</u> C WELL #: <u>7A</u> PIT: <u>SEP</u>		DATE STARTED: <u>9/3/98</u>
QUAD/UNIT: <u>I</u> SEC: <u>13</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>1610' FSL / 920' FEL</u> CONTRACTOR: <u>P+S</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. <u>27</u> FT. x <u>25</u> FT. x <u>16</u> FT. DEEP.	CUBIC YARDAGE: <u>350</u>
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIALATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u>	LEASE: <u>C</u> FORMATION: <u>MU</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>93</u> FT. <u>N25W</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 D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM <u>SOIL AND EXCAVATION DESCRIPTION:</u>
------------------------	---

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

SIDEWALLS - DK. YELL. BROWN SILTY SAND TO SILTY CLAY, COHESIVE, SLIGHTLY MOIST TO MOIST, FIRM, NO APPARENT STAINING OR HC ODOR OBSERVED/DETECTED w/in EXCAVATION OR IN ANY OF THE DUM SAMPLES.

BOTTOM - BEDROCK (SANDSTONE) DK. YELL. ORANGE IN COLOR, VERY HARD, NO APPARENT HC ODOR IN DUM SAMPLE.

**SCALE**

0 FT

**FIELD 418.1 CALCULATIONS**

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0955	① @ 11'	TAH-2025	5	20	1:1	27	108

**PIT PERIMETER**

**SCALE**

0 FT

**FIELD 418.1 CALCULATIONS**

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0955	① @ 11'	TAH-2025	5	20	1:1	27	108

**PIT PROFILE**

**PIT PERIMETER**

**OVM RESULTS**

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 11'	0.0
2 @ 11'	0.0
3 @ 10'	0.0
4 @ 10'	0.0
5 @ 16'	0.0

**PIT PROFILE**

**PIT PERIMETER**

**OVM RESULTS**

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 11'	0.0
2 @ 11'	0.0
3 @ 10'	0.0
4 @ 10'	0.0
5 @ 16'	0.0

**PIT PROFILE**

**PIT PERIMETER**

**OVM RESULTS**

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 11'	0.0
2 @ 11'	0.0
3 @ 10'	0.0
4 @ 10'	0.0
5 @ 16'	0.0

**PIT PROFILE**

**PIT PERIMETER**

**OVM RESULTS**

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 11'	0.0
2 @ 11'	0.0
3 @ 10'	0.0
4 @ 10'	0.0
5 @ 16'	0.0

**PIT PROFILE**

**PIT PERIMETER**

**OVM RESULTS**

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 11'	0.0
2 @ 11'	0.0
3 @ 10'	0.0
4 @ 10'	0.0
5 @ 16'	0.0

**PIT PROFILE**

TRAVEL NOTES: CALLOUT: \_\_\_\_\_ ONSITE: 9/3/98 - NORM.



**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  
Sample ID: 1 @ 11'  
Project Location: Jicarilla C # 7A  
Laboratory Number: TPH-2025

Project #:   
Date Analyzed: 09-03-98  
Date Reported: 09-03-98  
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
-----	-----	-----
Total Recoverable Petroleum Hydrocarbons	110	20

ND = Not Detectable at stated detection limits.

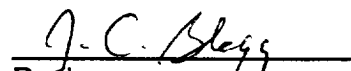
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	236	220	7.02

\*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: Separator Pit - BJ620

  
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:

Amoco

Project #:

Sample ID:

1 @ 11'

Date Analyzed:

09-03-98

Project Location:

Jicarilla C # 7A

Date Reported:

09-03-98

Laboratory Number:

TPH-2025

Sample Matrix:

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

27 mg/kg

TPH Result:

108.0 mg/kg

Reported TPH Result:

110 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:

Separator Pit - BJ620

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 C 7A

Location: Unit or Qtr/Qtr Sec 1 Sec 13 T 24N R 5W County RIO ARriba

Land Type: RANGE

Date Remediation Started: 8-28-98

Date Completed: 2/22/99

Remediation Method: Landfanned ☒

Approx. cubic yards 475

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: 2-18-99 Time: 0910

**Sample Results:**

Field Headspace (ppm) 3.6

TPH (ppm) 20.3 Method 8015

Other ☐

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

DATE 2/22/99 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. M... DATE: 3-31-99

CLIENT: AMOCOBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: BJ420C.D.C. NO: 0575

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: SICAZILLA C WELL #: 7A PITS: SEP, BLOW  
QUAD/UNIT: 1 SEC: 13 TWP: 24N RNG: 5W PM: NM CNTY: SS ST: NM  
QTR/FOOTAGE: NE4/SE4 CONTRACTOR: PJSDATE STARTED: 2-18-99

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

ENVIRONMENTAL  
SPECIALIST: EEP

## SOIL REMEDIATION:

REMEDIATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 475LAND USE: RANGELIFT DEPTH (ft): 1-1.5'

## FIELD NOTES &amp; REMARKS:

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

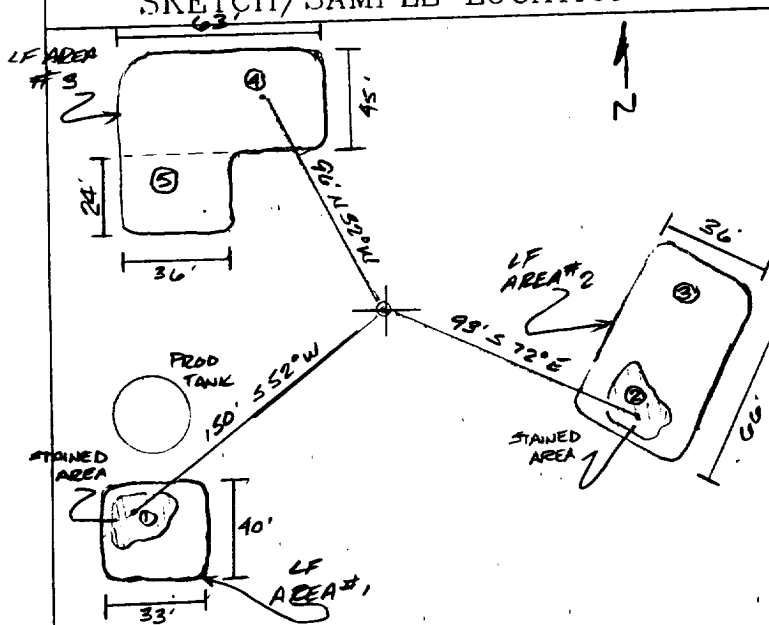
MODERATE YELLOWISH BROWN SAND, NON COHESIVE, MOIST, FIRM. SMALL AREAS OF STAINING IN LANDFARM AREAS 1 + 2 (SEE SKETCH BELOW) SOME HC ODDOR IN SAMPLING POINTS ①, ②. SAMPLING DEPTHS RANGE FROM 6" - 12" TOOK A SPT COMPOSITE SAMPLE FOR LAB ANALYSIS.

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	3.6	LF-1	TPH (BOLIS)	0910	20.3

SCALE

0 FT

## TRAVEL NOTES:

CALLOUT: N/AONSITE: 2-18-99

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

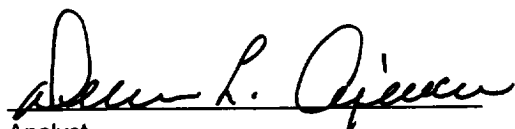
Client:	Blagg / AMOCO	Project #:	403410
Sample ID:	LF - 1	Date Reported:	02-22-99
Laboratory Number:	E687	Date Sampled:	02-18-99
Chain of Custody No:	6575	Date Received:	02-19-99
Sample Matrix:	Soil	Date Extracted:	02-19-99
Preservative:	Cool	Date Analyzed:	02-22-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.6	0.2
Diesel Range (C10 - C28)	16.7	0.1
Total Petroleum Hydrocarbons	20.3	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 C - 7A Landfarm. 5 Pt. Composite.

  
Analyst

  
Review

6575

[illegible]