

*Jennings & Trust*  
DEPUTY OIL & GAS INSPECTOR

OCT 6 8 1990

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

BJ528 *Condition 1*  
*Practical extent*  
*Non-vulnerable*  
SUBMIT 1 COPY TO

NATURAL RESOURCE DEPT  
AND OIL & GAS ADMINISTRATION

*sep-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 148-18Y (44)  
Location: Unit or Qtr/Qtr Sec E Sec 23 T2SN R 5W County RIO ARriba  
Pit Type: Separator      Dehydrator      Other BLOW  
Land Type: RANGE

Pit Location: Pit dimensions: length 40', width 30', depth 30'  
(Attach diagram) Reference: wellhead X, other       
Footage from reference: 100'  
Direction from reference: 40 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)	<u>0</u>
50 feet to 99 feet	(10 points)	<u>0</u>
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)	<u>0</u>
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)	<u>0</u>
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)	<u>0</u>
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)	<u>0</u>
100 feet to 1000 feet	(10 points)	<u>0</u>
Greater than 1000 feet	(0 points)	<u>0</u>

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

Date Remediation Started: \_\_\_\_\_ Date Completed: 11/28/98

Remediation Method: Excavation ☒ Approx. cubic yards 1,000  
(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, SPRAYED PIT BOTTOM w/ FERTILIZER.

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 33' (PIT BOTTOM)

Sample date 11/27/98 Sample time 1145

Sample Results

Soil: Benzene	(ppm)	<u>ND</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>55.830</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>1,016</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>1,117</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 11/28/98 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) Risk Assessment

SIGNED: Ken C. Marshall DATE: 2-6-98



**Well Name:**

Well Site location:

Pit Type:

Producing Formation:

Pit Category:

Horizontal Distance to Surface Water:

Vicinity Groundwater Depth:

**Jicarilla Contract 148 #18Y**

Unit E, Sec. 23, T25N, R5W

Blow Pit

Chacra

Non Vulnerable

&gt; 1000 ft.

&gt; 100 ft.

**RISK ASSESSMENT (non-vulnerable area)**

Pit remediation activities were terminated when trackhoe reached practical extent for abandoned pit (33 ft. below grade).

No past or future threat to surface water or groundwater is likely based on the following considerations:

1. Groundwater levels located on or close to the well pad are estimated to be at a much greater depth below presumed shallow sandstone bedrock (based on informal site observation of adjacent sandstone outcrop).
2. Topographic information does not indicate off site lateral fluid migration near the earthen pit.
3. Daily discharge into the earthen pit has been terminated (pit abandoned). Prior discharge into the pit is believed to be under 5 barrels per day.
4. Well site located within the **non-vulnerable area** and is approximately 0.08 miles west of the nearest vulnerable area boundary (West of Lapis Valley wash).

**(Refer to Lapis Point Quadrangle, New Mexico - Rio Arriba County, 7.5 Minute Series (Topographic), 1963, (vulnerable area boundary developed by Mr. William C. Olson, Hydrogeologist, Environmental Bureau, New Mexico Oil Conservation Division).**

Based upon the information given, we conclude that the subsurface vertical impact to groundwater is very unlikely. AMOCO requests pit closure approval on this location.

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

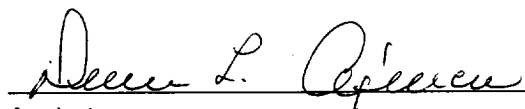
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	5 @ 33'	Date Reported:	01-28-98
Laboratory Number:	C854	Date Sampled:	01-27-98
Chain of Custody No:	5719	Date Received:	01-27-98
Sample Matrix:	Soil	Date Extracted:	01-28-98
Preservative:	Cool	Date Analyzed:	01-28-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

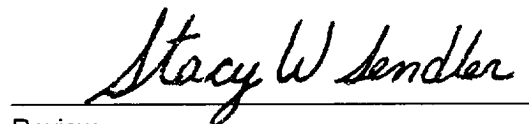
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	688	0.2
Diesel Range (C10 - C28)	429	0.1
Total Petroleum Hydrocarbons	1,117	0.2

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 148-18Y Blow Pit.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	5 @ 33'	Date Reported:	01-28-98
Laboratory Number:	C854	Date Sampled:	01-27-98
Chain of Custody:	5719	Date Received:	01-27-98
Sample Matrix:	Soil	Date Analyzed:	01-28-98
Preservative:	Cool	Date Extracted:	01-28-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	8.8
Toluene	726	8.4
Ethylbenzene	ND	7.6
p,m-Xylene	30,730	10.8
o-Xylene	24,370	5.2
Total BTEX	55,830	


ND - Parameter not detected at the stated detection limit.


Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Jicarilla Contract 148-18Y Blow Pit.

  
Analyst

  
Review

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

BJ528

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 148-18Y  
**Location:** Unit or Qtr/Qtr Sec E Sec 23 T 25N R 5W County RIO ARriba  
**Pit Type:** Separator ☒ Dehydrator ☐ Other ☐  
**Land Type:** RANGE

**Pit Location:** Pit dimensions: length 20', width 21', depth 15'  
(Attach diagram) Reference: wellhead ☒, other ☐  
Footage from reference: 132'  
Direction from reference: 28 Degrees ☐ East of North ☐  
☒ 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: 5/18/98

Remediation Method: Excavation ☒  
(check all appropriate sections)

Approx. cubic yards 150

Landfarmed ☒

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

Other \_\_\_\_\_

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

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 10' (NORTH SIDEWALK)

Sample date 5/18/98 Sample time 1020

Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>22.5</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>28</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 5/18/98 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 M... DATE: 6-15-98



CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>85528</u> C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>JICA CONTR. 148</u> WELL #: <u>184</u> PIT: <u>SEP</u> QUAD/UNIT: <u>E</u> SEC: <u>23</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>Nm</u> CNTY: <u>RA ST NM</u> QTR/FOOTAGE: <u>1840' FWL, 830' FWL</u> CONTRACTOR: <u>P + S</u>	DATE STARTED: <u>5/18/98</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
--	---

EXCAVATION APPROX. <u>20</u> FT x <u>21</u> FT x <u>15</u> FT DEEP.	CUBIC YARDAGE: <u>150</u>
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIALATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u>	LEASE: <u>JICA 148</u> FORMATION: <u>GP/DK</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>132</u> FT. <u>S28W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>&gt;100'</u> NEAREST WATER SOURCE: <u>&gt;1000'</u> NEAREST SURFACE WATER: <u>&gt;1000'</u> NMCD RANKING SCORE: <u>0</u> NMCD TPH CLOSURE STD: <u>5000</u> PPM
SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED <input type="checkbox"/> FIBERGLASS TANK INSTALLED

SOIL MOSTLY PALE ORANGE TO MOD. YELL. BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, SMALL QUANTITY OF STAINING OBSERVED ON NORTH & EAST SIDEWALLS (APPROX. 2' DIAMETER LOCATED APPROX. 12'-14' BELOW GRADE NO APPARENT HC ODOR OBSERVED W/IN EXCAVATION, SLIGHT HC ODOR OBSERVED IN NORTH SIDEWALL DUM SAMPLE ONLY.

CLOSED

SCALE

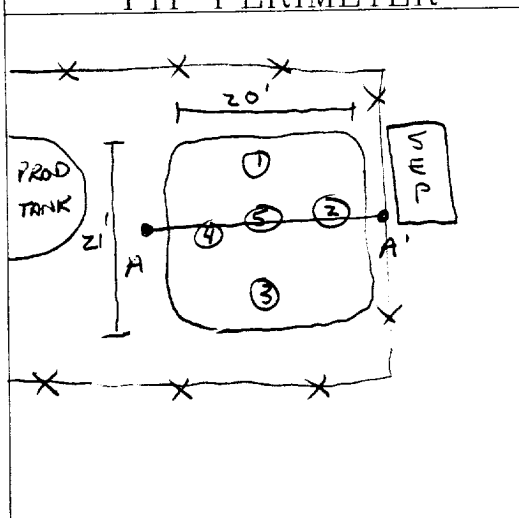


0 FT

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1020	① @ 10'	TPH-1979	5	20	1:1	7	28

PIT PERIMETER



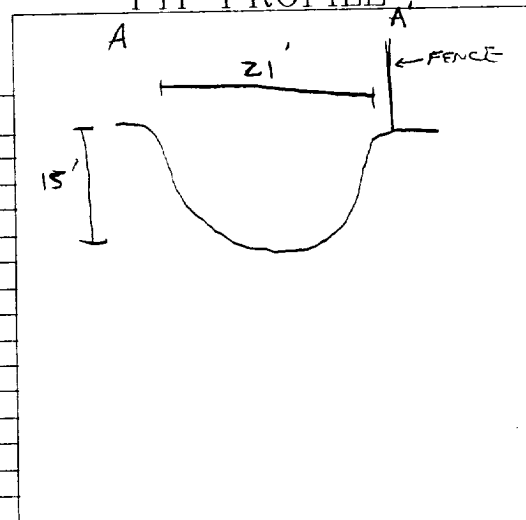
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 10'	22.5
2 @ 9'	0.0
3 @ 9'	0.0
4 @ 10'	0.0
5 @ 17'	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



TRAVEL NOTES: CALLOUT: 5/14/98 - AFTER. ONSITE: 5/18/98 - MORN.

**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 @ 10'	Date Analyzed:	05-18-98
Project Location:	Jicarilla Contract 148 - 18Y	Date Reported:	05-18-98
Laboratory Number:	TPH-1979	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	28	20

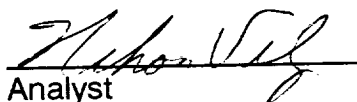
ND = Not Detectable at stated detection limits.

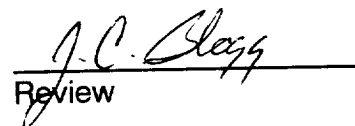
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	1684	1712	1.65

\*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 - BJ528

  
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 @ 10'

Jicarilla Contract 148 - 18Y

TPH-1979

Project #:

Date Analyzed:

Date Reported:

Sample Matrix:

05-18-98

05-18-98

Soil

Sample Weight: 5.00 grams  
Volume Freon: 20.00 mL  
Dilution Factor: 1 (unitless)  
TPH Reading: 7 mg/kg

TPH Result: 28.0 mg/kg  
Reported TPH Result: 28 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.
	----- 1684	----- 1712	----- 1.65

Comments: \*\*\*\*\*Max Characters\*\*\*\*\*

Comments: Separator Pit - BJ528

Client/Project Name		Project Location		ANALYSIS/PARAMETERS									
BLAGS / Amoco		Blow PIT											
Sampler: (Signature)		Chain of Custody Tape No.											
J. Johnson		04034-10											
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH (8015)	BTEX (8021)						Remarks
⑤ @ 33'	1/27/98	1145	2854	SOIL	1	✓	✓						Preserv. - cool
													IF TPH < 5000 ppm, THEN Run BTEX

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: SICABILLA CONTRACT 148-184  
Location: Unit or Qtr/Qtr Sec E Sec 23 T 25N R 5W County BLA  
Land Type: RANGE  
Date Remediation Started: 1-27-98 Date Completed: 1/12/99  
Remediation Method: Landfarmed ☒ Approx. cubic yards 600  
Composted ☐  
Other ☐

		Final Closure Sampling:	
Depth To Groundwater:	(pts.) <u>0</u>	Sampling Date: <u>1-6-99</u>	Time: <u>1300</u>
Distance to an Ephemeral Stream	(pts.) <u>0</u>	Sample Results:	
Distance to Nearest Lake, Playa, or Watering Pond	(pts.) <u>0</u>	Field Headspace (ppm)	<u>0.0</u>
Wellhead Protection Area:	(pts.) <u>0</u>	TPH (ppm)	<u>105</u> Method <u>8015</u>
Distance To Surface Water:	(pts.) <u>0</u>	Other	<u></u>
RANKING SCORE (TOTAL POINTS): <u>0</u>			

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

DATE 1/12/99 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: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJS28</u> C.O.C. NO: <u>4535</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION	
LOCATION: NAME: <u>JICARILLA CONTRACT 148</u> WELL #: <u>18Y</u> PITS: <u>BLOW</u>	DATE STARTED: <u>1-6-99</u> DATE FINISHED: <u>1/12/99</u>
QUAD/UNIT: <u>E</u> SEC: <u>23</u> TWP: <u>25N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>REP</u>
QTR/FOOTAGE: <u>SW/4 NW/4</u> CONTRACTOR: <u>P+S</u>	

SOIL REMEDIATION:	
REMEDICATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>600</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>1-2</u>

FIELD NOTES & REMARKS:	
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
<p>DK YELLOW ORANGE TO LT BROWN SAND. NON COHESIVE, SLIGHTLY MOIST, FIRM. NO APPARENT STAINING OR H.C. ODOR DETECTED. SAMPLING DEPTHS RANGE FROM 6" TO 18" TOOK A 5PT COMPOSITE SAMPLE FOR LAB ANALYSIS.</p>	
<p><u>CLOSED</u></p> <p>APPROX. 350 C.Y. DEPOSED TO JICA. CONTR. #148-18</p>	

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

<p>SKETCH/SAMPLE LOCATIONS</p>	<p>OVM RESULTS</p> <table border="1"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr> <td>LF-1</td> <td>0.0</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	LF-1	0.0											<p>LAB SAMPLES</p> <table border="1"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> <th>RESULTS</th> </tr> </thead> <tbody> <tr> <td>LF-1</td> <td>TPH (8015)</td> <td>1300</td> <td>105</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	SAMPLE ID	ANALYSIS	TIME	RESULTS	LF-1	TPH (8015)	1300	105																				
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LF-1	0.0																																											
SAMPLE ID	ANALYSIS	TIME	RESULTS																																									
LF-1	TPH (8015)	1300	105																																									
<p>SCALE</p> <p>0  1 FT</p>																																												

TRAVEL NOTES:	CALLOUT: <u>N/A</u>	ONSITE: <u>1-6-99</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  
Sample ID: LF - 1  
Laboratory Number: E477  
Chain of Custody No: 6535  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Cool and Intact

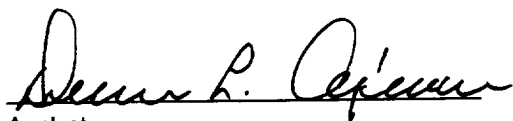
Project #: 04034-10  
Date Reported: 01-08-99  
Date Sampled: 01-06-99  
Date Received: 01-07-99  
Date Extracted: 01-08-99  
Date Analyzed: 01-08-99  
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	15.4	0.2
Diesel Range (C10 - C28)	89.6	0.1
Total Petroleum Hydrocarbons	105	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 - 18Y Landfarm. 5 Pt. Composite.

  
Analyst

  
Review

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ref CDC's 6529-6535