

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

Blow-out
BJ704
Sep-OK
SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

RECEIVED
AUG 27 1999

PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
DIST. 3

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9200
Address: 200 Amoco Court, Farmington, NM 87401
Facility or Well Name: JICARILLA CONTRACT #155-9
Location: Unit or Qtr/Qtr Sec G Sec 30 T 26N R 5W County RIO ARIZONA
Pit Type: Separator Dehydrator Other BLOW
Land Type: RANGE

Pit Location: Pit dimensions: length 32', width 22', depth 6'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 150'
Direction from reference: 0 Degrees X 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

BT704

Blow PIT

Date Remediation Started: _____ Date Completed: 12/4/98Remediation Method: Excavation ☒ (Check all appropriate sections) Landfarmed ☒ Approx. cubic yards 100 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 3' (SOUTH SIDEWALL) Sample date 12/3/98 Sample time 1315

Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>0.0</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>ND</u>	Total Xylenes	(ppb)	_____

Groundwater Sample: Yes _____ No ☒ (If yes, attach sample results)


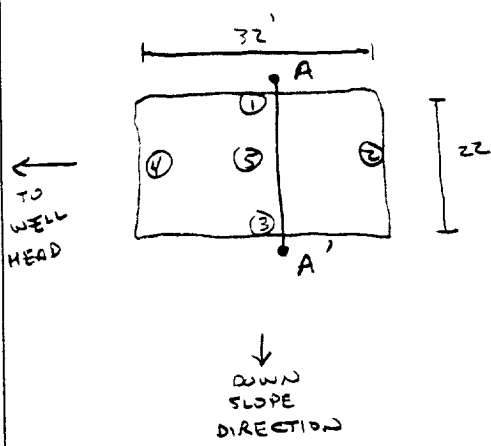
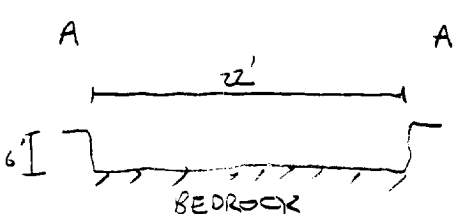
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

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: K. C. M... DATE: 12-28-98

06325

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>85704</u> C.D.C. NO: <u>6421</u>																																								
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>JICA CONTR. 155</u> WELL #: <u>9</u> PIT: <u>BLOW</u> QUAD/UNIT: <u>G SEC: 30 TWP: 26N RNG: 5W PM: NM CNTY: RA ST: NM</u> QTR/FOOTAGE: <u>1650' ENL / 1650' FEL</u> CONTRACTOR: <u>P&S</u>		DATE STARTED: <u>12/3/98</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
EXCAVATION APPROX. <u>32</u> FT. x <u>22</u> FT. x <u>6</u> FT. DEEP. CUBIC YARDAGE: <u>100</u> DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u> LAND USE: <u>RANGE</u> LEASE: <u>JICA 155</u> FORMATION: <u>PC</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>150</u> FT. <u>DUE E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>7100'</u> NEAREST WATER SOURCE: <u>71000'</u> NEAREST SURFACE WATER: <u>71000'</u> NMOC RANKING SCORE: <u>0</u> NMOC TPH CLOSURE STD: <u>5000</u> PPM SOIL AND EXCAVATION DESCRIPTION:																																										
SIDEWALLS - DR. YELL. ORANGE TO BROWN SAND NON COHESIVE SLIGHTLY MOIST, FIRM, NO APPARENT STAINING OBSERVED, NO APPARENT HC W/IN EXCAVATION OR IN ANY OF THE OVM SAMPLES. BOTTOM - BEDROCK (SANDSTONE), LT. GRAY IN COLOR, VERY HARD, NO APPARENT HC ODOR DETECTED W/IN EXCAVATION.																																										
BEDROCK Bottom SCALE  0 FT	FIELD 418.1 CALCULATIONS <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>1315</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	1315																															
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PIT PROFILE 																																										
TRAVEL NOTES: CALLOUT: _____ ONSITE: _____																																										

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: Blagg / AMOCO
Sample ID: 3 @ 3'
Laboratory Number: E262
Chain of Custody No: 6421
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 04034-10
Date Reported: 12-04-98
Date Sampled: 12-03-98
Date Received: 12-04-98
Date Extracted: 12-04-98
Date Analyzed: 12-04-98
Analysis Needed: TPH-418.1


Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	ND	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 #155 - 9 Blow Pit.


Analyst


Review

87704

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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 #155-9
Location: Unit or Qtr/Qtr Sec G Sec 30 T26N R5W County RIO ARriba
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: RANGE

Pit Location: (Attach diagram) Pit dimensions: length 19', width 21', depth 9'
Reference: wellhead ☒, other ☐
Footage from reference: 63'
Direction from reference: 53 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

Date Remediation Started: _____ Date Completed: 12/16/98

Remediation Method: Excavation ☒ (Check all appropriate sections) Landfarmed ☒ Other _____

Approx. cubic yards 100

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

Sample depth 5' (SOUTH SIDEWALL)

Sample date 12/3/98 Sample time 1400

Sample Results

Soil: Benzene	(ppm)	<u>0.0207</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>2.150</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>138.7</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>186</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 12/16/98 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... DATE: 12-28-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>8J704</u> C.O.C. NO: <u>6421</u>
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>JICA. CONTR. 155</u> WELL #: <u>9</u> PIT: <u>SEP.</u>		DATE STARTED: <u>12/3/98</u> DATE FINISHED: _____
QUAD/UNIT: <u>G</u> SEC: <u>30</u> TWP: <u>26N</u> RNG: <u>SW</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>		ENVIRONMENTAL SPECIALIST: <u>MV</u>
QTR/FOOTAGE: <u>1650' FNL / 1650' FEL</u> CONTRACTOR: <u>P&S</u>		

EXCAVATION APPROX. <u>19</u> FT. x <u>21</u> FT. x <u>9</u> FT. DEEP. CUBIC YARDAGE: <u>100</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u> LEASE: <u>JICA 155</u> FORMATION: <u>PC</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>63</u> FT. <u>SS3E</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>	CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED <input type="checkbox"/> FIBERGLASS TANK INSTALLED
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM	
SOIL AND EXCAVATION DESCRIPTION:	

SIDEWALLS - DR. YELL. ORANGE TO BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT STAINING OBSERVED, NO APPARENT HC ODOR W/IN EXCAVATION, HC ODOR DETECTED W/IN NORTH & SOUTH SIDEWALL OUM SAMPLES.

BOTTOM - BEDROCK (SANDSTONE), DUE TO LT. GRAY IN COLOR, VERY HARD, NO APPARENT HC ODOR IN OUM SAMPLE.

BEDROCK
Bottom

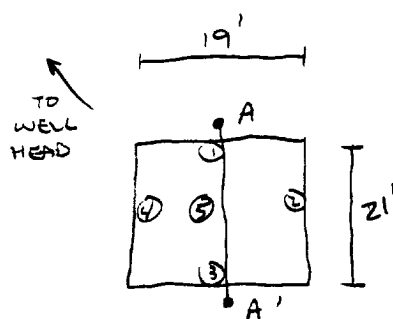
CLOSED

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1400							

SCALE
0 FT

PIT PERIMETER



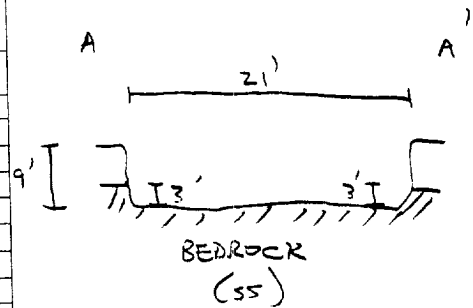
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 4'	82.8
2 @ 5'	0.0
3 @ 5'	138.7
4 @ 5'	0.0
5 @ 9'	6.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
③ ES'	TPH / BTEX	1400
(BOTH PASSED)		

PIT PROFILE



TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

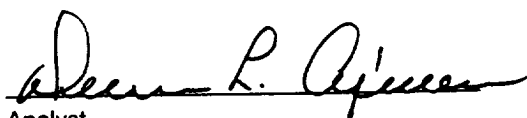
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	3 @ 5'	Date Reported:	12-04-98
Laboratory Number:	E263	Date Sampled:	12-03-98
Chain of Custody No:	6421	Date Received:	12-04-98
Sample Matrix:	Soil	Date Extracted:	12-04-98
Preservative:	Cool	Date Analyzed:	12-04-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH


Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	108	0.2
Diesel Range (C10 - C28)	78.5	0.1
Total Petroleum Hydrocarbons	186	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 #155 - 9 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:	3 @ 5'	Date Reported:	12-16-98
Laboratory Number:	E263	Date Sampled:	12-03-98
Chain of Custody:	6421	Date Received:	12-04-98
Sample Matrix:	Soil	Date Analyzed:	12-16-98
Preservative:	Cool	Date Extracted:	12-16-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	20.7	8.8
Toluene	68.3	8.4
Ethylbenzene	143	7.6
p,m-Xylene	1,110	10.8
o-Xylene	812	5.2
Total BTEX	2,150	

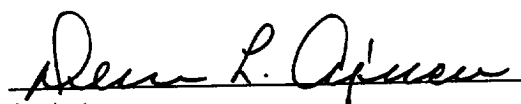
ND - Parameter not detected at the stated detection limit.

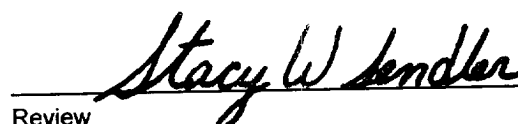
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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 #155 - 9 Separator Pit.


Analyst


Review

CHAIN OF CUSTODY RECORD

6421

Client / Project Name		Project Location		ANALYSIS / PARAMETERS					
Blaeg / Anoco		TICARUA Contract #155-9							
Sampler: NTU		Client No. 04034-10		No. of Containers		TPH (8015) TPH (418.1) STEX (8621) 9.5 12/16/98			
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix					Remarks
③ e 3'	12/3/98	1315	E262	SOIL	1	✓	✓		BLW PIT
③ e 5'	12/3/98	1400	E263	SOIL	1	✓	✓		SEPARATE PIT
									BOTH SAMPLES
									RESER. - COOL
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time		
[Signature]		12/4/98	0732	[Signature]		12.4.98	0732		
Relinquished by: (Signature)				Received by: (Signature)					
Relinquished by: (Signature)				Received by: (Signature)					
<div> <div> 6417-6421 </div> <div> ENVIROTECH INC. </div> <div> 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 </div> </div>									
Sample Receipt									
Received Intact						Y	N	N/A	
Cool - Ice/Blue Ice						✓			

6421

Client / Project Name		Project Location		ANALYSIS / PARAMETERS									
Sample:		Client No.		No. of Containers		TPH (8015)		TPH (418.1)		Remarks			
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									
③ e 3'	12/3/98	1315	E262	SOIL	1	✓	✓				LOW PIT		
③ e 5'	12/3/98	1400	E263	SOIL	1	✓	✓				SEPARATE PIT		
											BOTH SAMPLES		
											ASBN - COOL		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
[Signature]		12/4/98		0732		[Signature]		12/4/98		0732			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
[Signature]						[Signature]							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time			
[Signature]						[Signature]							
Sample Receipt													
Received Intact													
Cool - Ice/Blue Ice													

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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 155-9

Location: Unit or Qtr/Qtr Sec G Sec 30 T 26N R 5W County RIO ARIZONA

Land Type: RANGE

Date Remediation Started: 12-3-99

Date Completed: 6/9/99

Remediation Method: Landfarmed ☒

Approx. cubic yards 200

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: 6-8-99 Time: 1210

Sample Results:

Field Headspace (ppm) 0.0

TPH (ppm) 4.1 Method TPH (8015)

Other ☐

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

DATE 6/9/99 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: B3704C.O.C. NO: 7071

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: SICARILLA CONTRACT 155 WELL #: 9 PITS: SEP, BLOW
QUAD/UNIT: 9 SEC: 30 TWP: 26N RNG: SW PM: NM CNTY: RA ST: NM
QTR/FOOTAGE: SW/4 NE/4 CONTRACTOR: P+SDATE STARTED: 6.8.99

DATE FINISHED: _____

ENVIRONMENTAL
SPECIALIST: REP

SOIL REMEDIATION:

REMEDIATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 200LAND USE: RANGELIFT DEPTH (ft): 1'

FIELD NOTES & REMARKS:

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

DK YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM
NO APPARENT STAINING, NO HL ODOR DETECTED. SAMPLING DEPTHS
RANGE FROM 6"-10" COLLECTED A SPT. COMPOSITE SAMPLE FOR
LAB ANALYSIS.

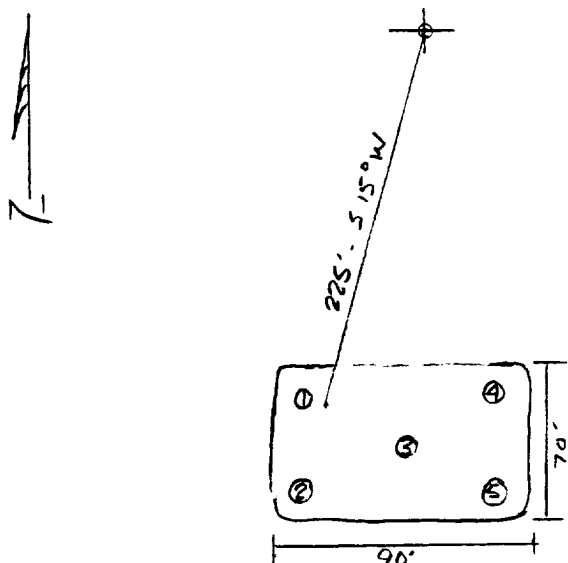
NOTE: SOIL WAS MOVED TO THE 155-16E
AND LANDFARMED. DISTANCE+BEARING
TAKEN FROM THE 155-9 WELL HEAD.

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	0.0	LF-1	TPH (20.5)	1210	4.1

SCALE



0

FT

TRAVEL NOTES:

CALLOUT: NAONSITE: 6.8.99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

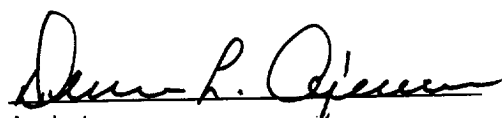
Client:	Blagg / AMOCO	Project #:	403410
Sample ID:	LF - 1	Date Reported:	06-09-99
Laboratory Number:	F473	Date Sampled:	06-08-99
Chain of Custody No.:	7071	Date Received:	06-09-99
Sample Matrix:	Soil	Date Extracted:	06-09-99
Preservative:	Cool	Date Analyzed:	06-09-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

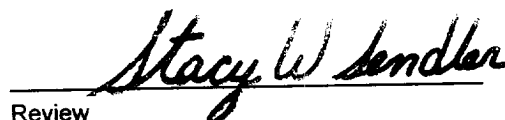
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.1	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	4.1	0.2

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 Contract 155 - 9 Landfarm. 5 Pt. Composite.


Analyst


Review

7071

[illegible]