sep - bedrock - risk

BJ672

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

RECEIVED
AUG 09 1999
OIL CON. DIV.
DIST. 3

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 APACHE #102 - 12E

Location: Unit or Qtr/Qtr Sec O Sec 9 T 26N R 4W County RIO ARRIBA

Pit Type: Separator ____ Dehydrator ____ Other BLOW

Land Type: RANGE

Pit Location: (Attach diagram)

Pit dimensions: length 15', width 12', depth 4'

Reference: wellhead X, other ____

Footage from reference: 40'

Direction from reference: 62 Degrees ____ East X North of ____ West ____ South

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)	0
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet Greater than 100 feet	(10 points) (0 points)	0
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet Greater than 100 feet	(10 points) (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 No	(20 points) (0 points)	0
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	0

RANKING SCORE (TOTAL POINTS): 0

BJ672 Blow Pit

Date Remediation Started: _____ **Date Completed:** 10/22/98

Remediation Method: (Check all appropriate sections)
Excavation X — Approx. cubic yards 20
Landfarmed X — Insitu Bioremediation _____
Other _____

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)
Onsite X Offsite _____

General Description of Remedial Action: Excavation. BEDROCK Bottom.

Groundwater Encountered: No X 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' (WEST SIDEWALL)

Sample date 10/21/18/98 BV Sample time 1208

Sample Results

Soil:	Benzene	(ppm)		Water: Benzene	(ppb)
	Total BTEX	(ppm)		Toluene	(ppb)
	Field Headspace	(ppm)	1.7	Ethylbenzene	(ppb)
	TPH	(ppm)	26.6	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 KNOWLEGE AND BELIEF

DATE 10/22/98 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 X NO ____ (REASON) _____

SIGNED: _____ DATE: 3-31-99

CLIENT: AMOCO

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: BJ672
C.O.C. NO: 6361

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: JICA. APACHE 102 WELL #: 12E PIT: BLOW
QUAD/UNIT: O SEC: 9 TWP: 26N RNG: 4W PM: NM CNTY: RA ST: NM
QTR/FOOTAGE: SW/4 SE/4 CONTRACTOR: PAUL

DATE STARTED: 10/19/98
DATE FINISHED: 10/21/98
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 15 FT. x 12 FT. x 4 FT. DEEP. CUBIC YARDAGE: 20
DISPOSAL FACILITY: ONSITE REMEDIATION METHOD: LANDFARM
LAND USE: RANGE LEASE: FED. LSE. 102 FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 40 FT. N62°W FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPM

CHECK ONE:
X PIT ABANDONED
___ STEEL TANK INSTALLED
___ FIBERGLASS TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

YELLOW ORANGE SANDY CLAY, NON COHESIVE, FIRM, DRY FROM SURFACE TO 4'.
AT 4' BLUE/GRAY SANDSTONE BEDROCK.
NO ODOR OR STAIN ON ANY SAMPLES.

BEDROCK BOTTOM

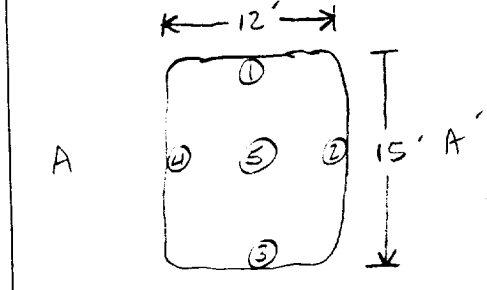
CLOSED

FIELD 418.1 CALCULATIONS

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

SCALE
0 FT

PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 3'	0.0
2 @ 3'	0.0
3 @ 4'	0.0
4 @ 4'	1.7
5 @ 4'	12.5

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
4 W @ 4'	TPH	1208

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:	Separator W @ 8'	Date Reported:	10-22-98
Laboratory Number:	E091	Date Sampled:	10-21-98
Chain of Custody No:	6361	Date Received:	10-22-98
Sample Matrix:	Soil	Date Extracted:	10-22-98
Preservative:	Cool	Date Analyzed:	10-22-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**17.2**	**0.2**
Diesel Range (C10 - C28)	**9.4**	**0.1**
Total Petroleum Hydrocarbons	**26.6**	**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: **Jica. Apa. 102 - 12E.**

Analyst

Review

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BJ672

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 APACHE # 102-12E

Location: Unit or Qtr/Qtr Sec O Sec 9 T26N R 4W County RIO ARRIBA

Pit Type: Separator X Dehydrator ____ Other ____

Land Type: RANGE

Pit Location: (Attach diagram)

Pit dimensions: length 15', width 18', depth 9'

Reference: wellhead X, other ____

Footage from reference: 147'

Direction from reference: 41 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 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)	0
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet Greater than 100 feet	(10 points) (0 points)	0
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet Greater than 100 feet	(10 points) (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 No	(20 points) (0 points)	0
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	0
RANKING SCORE (TOTAL POINTS):			0

BJ672 SEP. PIT

Date Remediation Started: _____ **Date Completed:** 10/22/98

Remediation Method: (Check all appropriate sections)
Excavation X — Approx. cubic yards 50
Landfarmed X — Insitu Bioremediation _____
Other _____

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)
Onsite X Offsite _____

General Description of Remedial Action: Excavation. BEDROCK BOTTOM, RISK ASSESSED.

Groundwater Encountered: No X 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 8' (WEST SIDEWALL)

Sample date 10/21/98 MS Sample time 1225

Sample Results

Soil: Benzene	(ppm)	1.450	Water: Benzene	(ppb)	
Total BTEX	(ppm)	15.380	PIT BOTTOM Toluene	(ppb)	
Field Headspace	(ppm)	258	315 Ethylbenzene	(ppb)	
TPH	(ppm)	3.0	Total Xylenes	(ppb)	

Groundwater Sample: Yes ____ No X (If yes, attach sample results)

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

DATE 10/22/98 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 X NO ____ (REASON) _____

SIGNED: [signature] DATE: 3-31-99

CLIENT: AMOCO

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: BJ672
C.O.C. NO: 6361

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: JICA. APACHE 102 WELL #: 12E PIT: SEP

QUAD/UNIT: O SEC: 9 TWP: 26N RNG: 4W PM: NM CNTY: RA ST: NM

QTR/FOOTAGE: SW/4 SE/4 CONTRACTOR: PAUL

DATE STARTED: 10-18-98
DATE FINISHED: 10-21-98

ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 15 FT. x 18 FT. x 9 FT. DEEP. CUBIC YARDAGE: 50

DISPOSAL FACILITY: ONSITE REMEDIATION METHOD: LANDFARM

LAND USE: RANGE LEASE: FED LSE 102 FORMATION:

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 147 FT. N41°E FROM WELLHEAD.

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

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

CHECK ONE:
- X PIT ABANDONED
- ___ STEEL TANK INSTALLED
- ___ FIBERGLASS TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

Yellow Orange Sandy Clay, Non Cohesive, Dry to Moist, Caliche to 9'.
Base of Pit Blue/Green Sandstone Bedrock.
Odor & HC Stain on all Samples.

BEDROCK BOTTOM

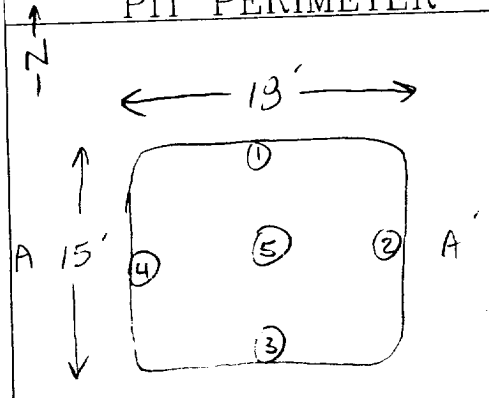
RISK ASSESSED

FIELD 418.1 CALCULATIONS

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

SCALE
0 FT

PIT PERIMETER



OVM RESULTS

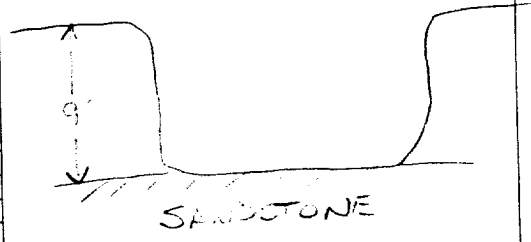
SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 8'	149
2 @ 8'	240
3 @ 8'	226
4 @ 8'	258
5 @ 8'	315

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
4 @ 8'	TPH/BTEX	1225

BOTH PASSED

PIT PROFILE



TRAVEL NOTES: CALLOUT: ONSITE:

Well Name:	**Jicarilla Apache 102 #12E**
Well Site location:	Unit O, Sec. 9, T26N, R4W
Pit Type:	Separator Pit
Producing Formation:	Basin Dakota
Pit Category:	Non Vulnerable
Horizonal Distance to Surface Water:	> 1000 ft.
Vicinity Groundwater Depth:	> 100 ft.

RISK ASSESSMENT (non-vulnerable area)

Pit remediation activities were terminated when trackhoe encountered sandstone bedrock at 9 feet below grade.

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

1. Past production fluids were contained locally by a relatively shallow sandstone bedrock located 9 feet below grade. Groundwater levels located on or close to the well pad are estimated to be at a much greater depth below sandstone bedrock.

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 0.86 miles north of the nearest vulnerable area boundary (Tapacito Creek).

   (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, Hydrog ologist, Environm ntal Bur au, N w M xico Oil Cons rvation Division).

Based upon the information given, we conclude that the subsurface lateral impact from the earthen pit is very limited and that the sandstone bottom creates enough of an impermeable barrier as to subdue impact to groundwater below it (please refer to AMOCO's report "Post Excavation Pit Closure Investigation Summary, July, 1995", with cover letter dated November 30, 1995). 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:	Blow W @ 4'	Date Reported:	10-22-98
Laboratory Number:	E092	Date Sampled:	10-21-98
Chain of Custody No:	6361	Date Received:	10-22-98
Sample Matrix:	Soil	Date Extracted:	10-22-98
Preservative:	Cool	Date Analyzed:	10-22-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**3.0**	**0.1**
Total Petroleum Hydrocarbons	**3.0**	**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: **Jica. Apa. 102 - 12E.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / Amoco	Project #:	04034-10
Sample ID:	Separator W @ 8'	Date Reported:	10-22-98
Laboratory Number:	E091	Date Sampled:	10-21-98
Chain of Custody:	6361	Date Received:	10-22-98
Sample Matrix:	Soil	Date Analyzed:	10-22-98
Preservative:	Cool	Date Extracted:	10-22-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**1,450**	**8.8**
Toluene	**5,000**	**8.4**
Ethylbenzene	**780**	**7.6**
p,m-Xylene	**5,900**	**10.8**
o-Xylene	**2,250**	**5.2**
Total BTEX	**15,380**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**98 %**
	Bromofluorobenzene	**98 %**

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: **Jica. Apa. 102 - 12E.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

6361

Client / Project Name	Project Location
BLAGG/AMOCO	JICA. APA. 102-12E
Sampler: J.C. Blagg	Client No. 04034-10

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX 8021					Remarks
SEPARATOR W@8'	10/21/98	1225	E091	SOIL	1	X	X					
BLOW W@4'	"	1208	E092	"	1	X						

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J.C. Blagg	10/22/98	0752	Dennis L. Apeceche	10.22.98	0752
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RP COC's 6360 — 6363

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

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

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 APACHE 102-12E

Location: Unit or Qtr/Qtr Sec O Sec 9 T 26N R 4W County RIO ARRIBA

Land Type: RANGE

Date Remediation Started: 10-21-98 **Date Completed:** 5/17/99

Remediation Method: Landfarmed ✓ Approx. cubic yards 250

Composted ____

Other ____

epth 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 SurfaceWater:	(pts.)	0
RANKING SCORE (TOTAL POINTS):		0

Final Closure Sampling:

Sampling Date: 5-13-99 Time: 1330

Sample Results:

Field Headspace (ppm) 12.2

TPH (ppm) 271 Method TPH (8015)

Other ____

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

DATE 5/17/99 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 X NO ____ (REASON) ____

SIGNED: [signature] DATE: 6-18-99

CLIENT: AMOCO

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: BJ672
C.O.C. NO: 6929

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: JICARILLA APACHE 102 WELL #: 12E PITS: SEP., BLOW
QUAD/UNIT: O SEC: 9 TWP: 26N RNG: 4W PM: NM CNTY: RA ST: NM
QTR/FOOTAGE: SW/4 SE/4 CONTRACTOR: P+S

DATE STARTED: 5.13.99
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: REP

SOIL REMEDIATION:

REMEDIATION SYSTEM: LANDFARM
APPROX. CUBIC YARDAGE: 250 (70)
LAND USE: RANGE
LIFT DEPTH (ft): 1

FIELD NOTES & REMARKS:

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

DK. YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM. NO APPARENT STAINING, NO HC ODOR DETECTED. SAMPLING DEPTHS RANGE FROM 6"-12". COLLECTED A 5PT COMPOSITE SAMPLE FOR LAB ANALYSIS.

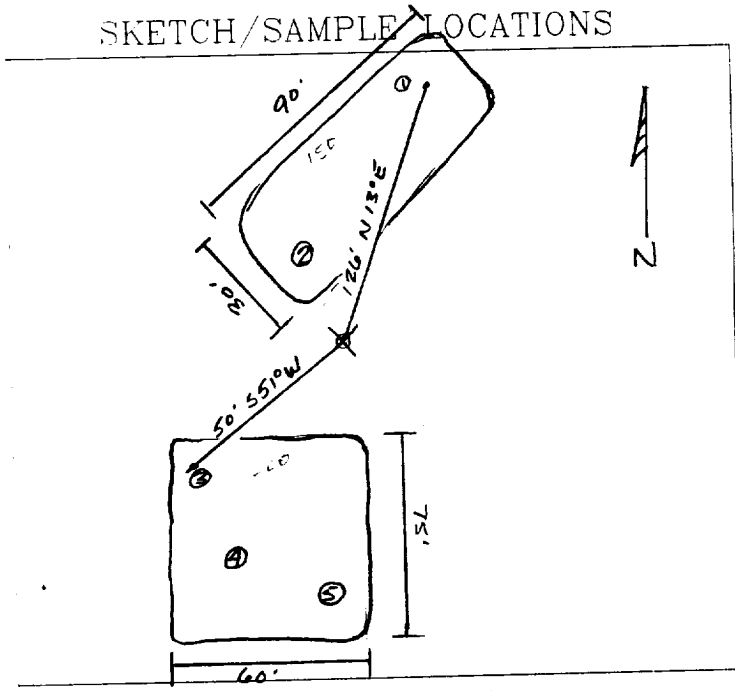
APPROX. 180 C.Y. DISPOSED FROM JICA. AP. 102-25

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

SAMPLE ID	FIELD HEADSPACE PID (ppm)
LF-1	12.2

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	TPH (8015)	1330	271

SCALE
0 FT

TRAVEL NOTES: CALLOUT: NA ONSITE: 5.13.99

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:	05-17-99
Laboratory Number:	F252	Date Sampled:	05-13-99
Chain of Custody No:	6929	Date Received:	05-14-99
Sample Matrix:	Soil	Date Extracted:	05-17-99
Preservative:	Cool	Date Analyzed:	05-17-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**59.0**	**0.2**
Diesel Range (C10 - C28)	**212**	**0.1**
Total Petroleum Hydrocarbons	**271**	**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 Apache 102 - 12E Landfarm. 5 Pt. Composite.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

6929

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BLAGG/AMOCO	LANDFARM JICARILLA APACHE 102-12E	
Sampler: REP	Client No. 403410	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH (8015)						Remarks
LF-1	5.13.99	1330	F252	SOIL	1	✓						5 PT. COMPOSITE
												SAMPLE PRESERVE-
												COOL

	Date	Time		Date	Time
Relinquished by: (Signature)	5.14.99	7:25	Received by: (Signature)	5.14.99	725
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		