NATURAL RESOURCE DEPT AND AUG 1 6 1000

PIT REMEDIATION AND CLOSURE REPORTO [][] GOD DOWN

_	
Operator: AMOCO PRODUCTION COMPANY	Telephone : (505)326-9200
Address: 200 Amoco Court, Farmington, 1	
Facility or Well Name: JICARILLA C #	IE
Location: Unit or Qtr/Qtr Sec_6 Sec_Z3 TZ	
Pit Type: Separator Dehydrator Other	
Land Type: RANGE	
	zo', width Zo', depth/6'
	other
Footage from reference: 85	S - North V
Direction from reference:	Degrees East North Of West South
	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)
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)
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)
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)
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, gation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
	RANKING SCORE (TOTAL POINTS):

DATE: 7-3-96

FORM REVISED 7/95

Well Name:

Well Site location:

Pit Type:

Producing Formation:

Pit Category:

Horizontal Distance to Surface Water:

Vicinity Groundwater Depth:

Jicarilla C #1E

Unit G, Sec. 23, T26N, R5W

Separator Pit Basin Dakota

Non Vulnerable > 1000 ft.

> 100 ft.

RISK ASSESSMENT (non-vulnerable area)

Pit remediation activities were terminated when trackhoe reached practical extent for abandoned pit (16 ft. below grade) and for safety concerns (underground piping and surface equipment).

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.
- 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 <u>non-vulnerable area</u> and is approximately 0.06 miles north of the nearest vulnerable area boundary (Tapacito Creek).
- 5. Vertical extent at the pit area was cleaned up to below the NMOCD standards (disclosed within their surface impoundment guidelines).

(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 and lateral contamination is limited and impact to groundwater is very unlikely. AMOCO requests pit closure approval on this location.



Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative: Condition:	Amoco / Blagg W.S. @ 12' A517 4899 Soil Cool	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed: Analysis Requested:	04034 08-30-96 08-29-96 08-30-96 08-30-96 08-30-96 8015 TPH
--	---	---	---

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	6,420	0.2
Diesel Range (C10 - C28)	1,020	0.1
Total Petroleum Hydrocarbons	7,440	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, July 1992.

Comments:

Jicarilla C #1E Sep. Pit.

Dew L. afewar

Stacy W Sendler
Review



EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

			Dot
Condition:	Cool & Intact	Analysis Requested:	DIEA
Preservative:	Cool		BTEX
· · · · · · · · · · · · · · · · · · ·		Date Extracted:	08-30-96
Sample Matrix:	Soil	Date Analyzed:	08-30-96
Chain of Custody:	4899	Date Received:	08-30-96
Laboratory Number:	A517	Date Sampled:	
Sample ID:	_	•	08-29-96
	W.S. @ 12'	Date Reported:	08-30-96
Client:	Amoco / Blagg	Project #:	04034

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	4,230	17.5
Toluene	18,290	16.7
	13,790	15.2
Ethylbenzene	4,950	21.6
p,m-Xylene o-Xylene	3,810	10.4
Total BTEX	45,070	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	101 %

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 C #1E Sep. Pit.

Analyst

Stacy W Sendler
Review

Y RECORD	ANALYSIS/PARAMETERS		
CHAIN OF CUSTODY RECORD		C * (E	
CHAIN	Project Location	51 CARILLA	Chair of Citatory Tana No.
		1466	

			Dorient Location						:		
Client/Project Name AMOCO/B	/BLA66		JI CARILLA	A C # (E			ANA	ANALYSIS/PARAMETERS	TERS		
Sampler (Signature)			Chain of Custody Tape No.	No.						Remarks	 .
6. 8. o'red	8		15040	34	to enenii)3	510				
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	.oM UnoO		28				
E. S. &	8.29	0071	1515	SOIL	_	7	7		P Person	3	F)
W.S. @ 12'	8 28	1215	1	Soll	_	7	7		96	1	
W.S.@ 12'	8-26	1315		Soll	_	7	7		S E.P.	7. P.T.	
Relinquished by: (Signature)	0000			P. 30 - 16 A 21.2	Received by (Signature)	(Signature)	20		.1	P.30-58	7/80
K. 7. C	3			300	Deceived by (Signature)	Signature					
Relinquished by: (Signature)			-		. 6						
Relinquished by: (Signature)					Received by: (Signature)	(Signature)					
				ENVIROTECH INC. 5796 U.S. Highway 64-3014 Farmington, New Mexico 87401 (505) 632-0615	ECH INC hway 64-30] h Mexico 8' 2-0615	7401					mn juan repro Form 578-61

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 C #	: IE
	26N R5W County RID ARRISA
Pit Type: Separator Dehydrator Other	PLODUCTION TANK
Land Type: RANGE	
(Attach diagram) Reference: wellhead X,	other
Footage from reference: /4	
Direction from reference:	Degrees East North of 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)
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)
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)
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)
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, iigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
	RANKING SCORE (TOTAL POINTS):

87426 PROD. TANK PIT

	-1/2-
Date Remediation Started:	Date Completed:
emediation Method: Excavation	Approx. cubic yards/50
neck all appropriate sections) Landfarmed	Insitu Bioremediation
Other	
Remediation Location: Onsite X Offsite	
(i.e. landfarmed onsite, name and location of	
offsite facility)	
General Description of Remedial Action: Excavati	on
Groundwater Encountered: No <u>×</u> Yes _	Depth
Final Pit: Sample locationsee Attache	ed Documents
Closure Sampling: (if multiple samples,	
attach sample results and diagram of sample Sample depth	
locations and depths) Sample date8/29/96	Sample time 1400
Sample Results	
Soil: Benzene (ppm)	0.659 Water: Benzene (ppb)
	<u>/0.400</u> Toluene (ppb)
Field Headspace (ppm)	305 Ethylbenzene (ppb)
	709 Total Xylenes (ppb)
Groundwater Sample: Yes No	(If yes, attach sample results)
THE INCOMATION AR	OVE IS TRUE AND COMPLETE TO THE BEST OF MY
I HEREBY CERTIFY THAT THE INFORMATION AD KNOWLEGE AND BELIEF	
DATE 9/3/96 PRINTED	NAME Buddy D. Shaw
ROAL	- !
SIGNATURE Suddy D. Show AND TO	
AFTER REVIEW OF THE PIT CLOSURE INFORMAT TO THE JICARILLA APACHE TRIBE PIT CLOSURE	TION, PIT CLOSURE IS APPROVED IN ACCORDANCE ORDINANCE.
APPROVED: YES NO (REASON)	
	2 3 9/
SIGNED: DATE	E: <u>9-3-96</u>

LOCATION NO: 85426 BLAGG ENGINEERING, INC. CLIENT: AMOGO P.O. BOX 87, BLOOMFIELD, NM 87413 C.D.C. ND: 4891 (505) 632-1199FIELD REPORT: PIT CLOSURE VERIFICATION DATE STARTED: 8-29-86 LOCATION: JICAPILLA C #1E PIT TYPE: PROD THUK DATE FINISHED: _ QUAD/UNIT: 6 SEC: 23 TWP: 26 N RNG: 5 W BM: NM CNTY: RA ST: NM ENVIRONMENTAL SPECIALIST: ____ CONTRACTOR: PAUL QTR/FOOTAGE: 1850 FML. 1650 FEL. EXCAVATION APPROX. 20 FT. x 15 FT. x 13 FT. DEEP. CUBIC YARDS: 150 DISPOSAL FACILITY: _____ON- SITE ____ REMEDIATION METHOD: ______ LANGAR M LAND USE: RANGE LEASE: # 108 FORMATION: DAKOTA FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 140 FEET N70°W FROM WELLHEAD. DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER >1000 NMOCD RANKING SCORE: O NMOCD TPH CLOSURE STD: 5000 PPM SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: ASKNO WED SOIL CONSISTS OF MOIST, BROWN, SILTT SAMB - SLIGHT ODER IN SIBEWALLS. CLOSED FIELD 418.1 CALCULATIONS WEIGHT (g) mL. FREON DILUTION READING CALC. ppm SAMPLE I.D. LAB No: SCALE 0 5 10FT OVM PIT PROFILE PIT PERIMETER RESULTS FIELD HEADSPACE PID (ppm) 305 BERM PROD LAB SAMPLES WS @8 To ONSITE: ____8.29.16 1335 TRAVEL NOTES: CALLOUT: 2.29-94 FORM REVISED 7/95



Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative:	Amoco / Blagg W.S. @ 8' A515 4899 Soil Cool	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed:	04034 08-30-96 08-29-96 08-30-96 08-30-96 8015 TPH
Sample Matrix:		-	

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	98.7	0.2
Diesel Range (C10 - C28)	10.0	0.1
Total Petroleum Hydrocarbons	109	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, July 1992.

Comments:

Jicarilla C #1E Prod. Tank Pit.

Deur L. Cylenen Analyst Stacy W Sendler
Review

Review



EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client: Sample ID: Laboratory Number: Chain of Custody: Sample Matrix: Preservative: Condition:	Amoco / Blagg W.S. @ 8' A515 4899 Soil Cool Cool & Intact	Project #: Date Reported: Date Sampled: Date Received: Date Analyzed: Date Extracted: Analysis Requested:	04034 08-30-96 08-29-96 08-30-96 08-30-96 08-30-96 BTEX
---	---	---	---

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	659 1,330 1,170 5,790 1,450	17.5 16.7 15.2 21.6 10.4
Total BTEX	10,400	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene Bromofluorobenzene	100 % 100 %
		OM 040 LICEDA

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 C #1E Prod. Tank Pit.

Stacy W Sendler

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, N	NM 87401
Facility or Well Name: TICARILLA C	
	CEN R 5W County RIO ARRIBA
Pit Type: Separator Dehydrator Other	
Land Type: RANGE	
(Attach diagram)	20', width 20', depth /8'
Reference: wellhead X, Footage from reference: /Z	other
Direction from reference: 6	\sim Degrees \times East North \times
Differior nom reservices	of 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)
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)
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)
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)
Distance To SurfaceWater: (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)
	RANKING SCORE (TOTAL POINTS):

		BT 426 BLOW PIT
Date Remediation Sta	arted:	Date Completed: 9/3/96
"mediation Method:	,	Approx. cubic yards
neck all appropriate	Landfarmed ×	Insitu Bioremediation
sections)	Other	
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility) General Description	Onsite X Offsite	on
Groundwater Encoun	itered: No X Yes	Depth
Final Pit: Closure Sampling: (if multiple samples,	Sample locationsee Attached	l Documents
attach sample results and diagram of sample	Sample depth(Z'	
locations and depths)	Sample date8/29/96	
	Sample Results	
ì	•	0.508 Water: Benzene (ppb)
		27.860 Toluene (ppb)
	Field Headspace (ppm)	
		3,650 Total Xylenes (ppb)
Groundwater Sample		(If yes, attach sample results)
I HEREBY CERTIFY KNOWLEGE AND E	Y THAT THE INFORMATION ABOV BELIEF	VE IS TRUE AND COMPLETE TO THE BEST OF MY
DATE	9/3/96 PRINTED N	NAME Buddy D. Shaw
SIGNATURE BUS	Ily D. Show AND TIT	LE Environmental Coordinator
AFTER REVIEW OF	A APACHE TRIBE PIT CLOSURE O	
APPROVED: YES_	X NO (REASON)	
signed.	CMan DATE:	9-3-96

BLAGG ENGINEERING, INC. LDCATION NO. & 1426 P.O. BOX 87, BLOOMFIELD, NM 87413 C.D.C. NO. 4899
FIELD REPORT: PIT CLOSURE VERIFICATION LOCATION: JICARILLA C # [E PIT TYPE: BLOW DATE STARTED: 8:29.96 DATE FINISHED:
QUAD/UNIT: & SEC: 23 TWP26 N RNG: 5 W BM: NM CNTY: RA ST: NM QTR/FUDTAGE: 1850 FNL. 1650 FEL: CONTRACTOR: PAUL SPECIALIST: PEU
EXCAVATION APPROX. 20 FT. x 20 FT. x 18 FT. DEEP. CUBIC YARDS: ~ 300 DISPOSAL FACILITY: ON SITE REMEDIATION METHOD: LANGTACK LAND USE: RANGE LEASE: # 108 FORMATION: DAHOM
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 120 FEET N60° FROM WELLHEAD. DEPTH TO GROUNDWATER: 7100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM
SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: ABANDONEO SOIL CONSISTS OF MOIST, BROWN, SILTE SAND. BOTTOM CONSIST SAND
SCALE FIELD 418.1 CALCULATIONS FIELD 418.1 CALCULATIONS SAMPLE I.D. LAB No: WEIGHT (g) mL. FREON DILUTION READING CALC. ppm CB@20' 1810 10.0 20.0 1 611 1224
O 5 10FT OVM PIT PERIMETER RESULTS PIT PROFILE
SAMPLE FIELD HEADSPACE PD (ppm) 1 NS - 10 285 2 285 355 12 275 4 WS - 12 301 5 CB - 20 265 2
TRAVEL NOTES: CALLOUT: 8-29-96 ONSITE: 8-29-96 1130

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:

Sample ID:

Project Location:

Laboratory Number:

Amoco

Center Bottom @ 20'

Jicarilla C #1E

TPH #1810

Project #:

Date Analyzed:

Date Reported: Sample Matrix:

8-29-96

8-30-96

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg 	:
Total Recoverable Petroleum Hydrocarbons	1,200	10	

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg

1.420

Duplicate

TPH mg/kg

%

*Diff.

1,344

5

*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 - BJ424

R. E. O Newl

Thort of 11/4/96
Review



Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative:	Amoco / Blagg W.S. @ 12' A516 4899 Soil Cool	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed:	04034 08-30-96 08-29-96 08-30-96 08-30-96
Sample Matrix:	Soil	Date Extracted:	08-30-96

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,840	0.2
Diesel Range (C10 - C28)	806	0.1
Total Petroleum Hydrocarbons	3,650	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, July 1992.

Comments:

Jicarilla C #1E Blow Pit.

Dem L Gjeve

Stacy W Sendler.
Review



EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client: Amoco / Blance Sample ID: W.S. @ 12' Laboratory Number: A516 Chain of Custody: 4899 Sample Matrix: Soil Preservative: Cool Condition: Cool & Intac	Date Reported: Date Sampled: Date Received: Date Analyzed: Date Extracted:	04034 08-30-96 08-29-96 08-30-96 08-30-96 BTEX
--	--	---

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	508	17.5
Toluene	636	16.7
Ethylbenzene	7,340	15.2
p,m-Xylene	9,740	21.6
o-Xylene	9,640	10.4
Total BTEX	27,860	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	102 %
	Bromofluorobenzene	101 %

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 C #1E Blow Pit.

Stacy W Sendler

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

ON-SITE SOIL REMEDIATION REPORT

		Telephone: (505) 326-9200
Address: 200 Amoco Court,	Farmington,	NM 87401
Facility or Well Name:	IUA C#	IE
Location: Unit or Qtr/Qtr Sec	Sec_23 T2	SN R SW County LIO ARRIBA
Land Type:		
Date Remediation Started: 8	29/96	Date Completed:
Remediation Method: Landfarmed	<u>X</u>	Approx. cubic yards
Composted		
Other		
oth To Groundwater:	(pts.)	Final Closure Sampling:
Distance to an Ephemeral Stream	\sim	Sampling Date: 6/11/98 Time: 1045
Distance to Nearest Lake, Playa,	(pts.)	Sample Results:
or Watering Pond	-	Field Headspace (ppm)
Wellhead Protection Area:	(pts.)	TPH (ppm) 7.8 Method 8015
Distance To SurfaceWater:	(pts.)	Other
RANKING SCORE (TOTAL POIN	TS):	
I HEREBY CERTIFY THAT THE INFO KNOWLEGE AND BELIEF	RMATION ABOV	E IS TRUE AND COMPLETE TO THE BEST OF MY
DATE 6/15/98	, PRINTED I	NAME Buddy D. Shaw
SIGNATURE Bully D.	haw	AND TITLE Environmental Coordinator
AFTER REVIEW OF THE SOIL REME	EDIATION INFORM	MATION, ON-SITE REMEDIATION IS APPROVED IN IT CLOSURE ORDINANCE.
ACCORDANCE TO THE JICARILLA	APACHE IRIBE PI	Con Box X // 1
APPROVED: YES X NO	(KEASON)	oc on our or
SIGNED: Leve Man	DATI	E: <u>7-27-98</u>

•	
CLIENT: AMOCO BLAGG ENGINE P.O. BOX 87, BLOOM (505) 632	FIELD, NM 87413 C.O.C. NO: 6019
FIELD REPORT: LANDFARM/COMPOSITION: NAME: JURICUA C WELL #: 15	PITS: SEP BLOW PROD, DATE FINISHED:
QUAD/UNIT: 6 SEC: 23 TWP: 26 N RNG: 5W PM QTR/FODTAGE: 1850 FUL 1650 FEL CONTRACTOR: P	ENVIRONMENTAL AND
SOIL REMEDIATION: REMEDIATION SYSTEM: LANDFRICT LAND USE: LANGE	
FIELD NOTES & REMARKS: DEPTH TO GROUNDWATER: >/>> NEAREST WATER SOURCE:	>/000 / NEAREST SURFACE WATER: _ >/000 /
NMOCD RANKING SCORE: NMOCD TPH CLOSURE STD: 3	FOOD PPM FAND W SOME CLAY, NON COHESIVE TO THE NO APPARENT DISCOLDRATION OR THE SAMPLE PTS., COLLECTED 5 PT. PLYSIS, SAMPLING DEPTH KANGE FROM
	CALCULATIONS ML. FREON DILUTION READING CALC. ppm
SKETCH/SAMPLE LOCATIONS 1/N	
LANDFARM SAMPLE PT. DESIGNATION HEAD HEAD 3 22 4 3 105 105 105 105 105 105 105 105 105 105	OVM RESULTS SAMPLE FIELD HEADSPACE PID (ppm) LF-1 0.0 LF-1 (8015) 1045 7.8 SCALE OFT

6/11/98

ONSITE:

TRAVEL NOTES:

NA

CALLOUT: _



Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative: Condition:	Blagg / AMOCO LF - 1 D403 6019 Soil Cool Cool and Intact	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed: Analysis Requested:	04034-10 06-15-98 06-11-98 06-12-98 06-12-98 06-12-98 8015 TPH
--	--	---	--

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
	3.3	0.2
Gasoline Range (C5 - C10)	4.5	0.1
Diesel Range (C10 - C28) Total Petroleum Hydrocarbons	7.8	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 #1E Landfarm. 5 Pt. Composite.

Analyst

Stacy W Sendler

Review

CHAIN OF CUSTODY RECORD

	Received Intact Cool - Ice/Blue Ice	0	ico 87401 5	ton, New Mexic (505) 632-0615	5790 0.3. Frigitiway 07 Farmington, New Mexico 87401 (505) 632-0615				
z	· · ·		av 64	5796 11 S Highway 64	5706 1				
	Sample Receipt		H INC.)TEC	ENVIROTECH IN				
			Received by: (Signature)	Received				nature)	Relinquished by: (Signature)
		*	Rećeived by: (Signature)	Rećeived				nature)	Relinquished by: (Signature)
6.12.90 0816	6.12.5	Qlue	Received by: (Signature)	<u> </u>	Date Time			nature)	Relinquished by: (Signature)
Time	Date			_	-				
Composite	5 PT. Comp		_		5012	E0+Q	6/11/98 1045	6/11/98	1-37
			(80		Sample Matrix	Lab Number	Sample Time	Sample Date	Sample No./ Identification
C00L	PRESERV		tainer 24 2/5	o. of	Ō	04034-10			NIN
•	Remarks)			Client No.		7	Sampler:
	TERS	ANALYSIS / PARAMETERS			C #/E	Project Location Ticalouch		Amoio	Client / Project Name