Jenny & Fount JICARILLA APACHE TRIBE DEPUTY OIL & GAS INSPECTORNVIRONMENTAL PROTECTION OFFICE **DULCE, NEW MEXICO 87528**

NATURAL RESOURCE DEPI AND OIL & GAS ADMINISTRATION

AUG 1 3 1999

PIT REMEDIATION AND CLOSURE REPORT

Operator: AMOCO PRODUCTION COMPANY	Telephone: (505)326-9200
Address: 200 Amoco Court, Farmington,	NM 87401
Facility or Well Name: JICACILIA	C * 4E
	26 P R SW County RIO ASRIBA
Pit Type: Separator Dehydrator Other	Blow
Land Type: RKV6E	
(Attach diagram)	
Footage from reference:	
,	S Degrees
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)
	PANKING SCORE (TOTAL POINTS):

	0 3/ 0/
Date Remediation Started:	Date Completed: 8 · 26 · 96
Pemediation Method: Excavation X	Approx. cubic yardsP/A
sections) Landfarmed	Insitu Bioremediation
Other PET Hove -	NO CONTAMINATION
Remediation Location: Onsite Offsite	
(i.e. landfarmed onsite, name and location of	
offsite facility)	THE LAND PIT ROTTING
General Description of Remedial Action: Excavation	- TEST HOLE IN THE BOTTON
Groundwater Encountered: No X Yes	Depth
Final Pit: Sample location see Attached Closure Sampling:	Documents
(if multiple samples,	
locations and depths) Sample date	Sample time
Sample Results	
Soil: Benzene (ppm)	
Total BTEX (ppm)	
Field Headspace (ppm)	
TPH (ppm)	Total Xylenes (ppb)
Groundwater Sample: Yes No (le	f yes, attach sample results)
I HEREBY CERTIFY THAT THE INFORMATION ABOVE	E IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEGE AND BELIEF	
DATE 8. 26-96 PRINTED NA	ME Buddy D. Shaw
SIGNATURE Bully D. Show AND TITLE	
AFTER REVIEW OF THE PIT CLOSURE INFORMATION TO THE JICARILLA APACHE TRIBE PIT CLOSURE OR	N, PIT CLOSURE IS APPROVED IN ACCORDANCE DINANCE.
APPROVED: YES NO (REASON)	
SIGNED: LEEC Man DATE:	8-26-96

	RESULT TO BOD MILLY 8.26.86	
CLIENT: Amoco BL. P.O. BOX	AGG ENGINEERING, INC. 87, BLOOMFIELD, NM 87413 (505) 632-1199	C.D.C. ND:
FIELD REPORT	: PIT CLOSURE VERIFICATI	ON
LOCATION: JICHELLA C #4	PIT TYPE: BLOW NG: SW BM: NA CNTY: RA ST: NA	DATE STARTED: 1.26.26
QTR/FOOTAGE: 710'FSL 910'FWL	CONTRACTOR: PAML	ENVIRONMENTAL SPECIALIST:
DISPOSAL FACILITY: ON LAND USE: RANGE	FT. X FT. DEEP. CUB SITE REMEDIATION METHO LEASE: # LOP FORM	ID:
FIELD NOTES & REMARKS: PIT LOC	ATED APPROXIMATELY 150 FEET : WATER SOURCE: >(150) NEAREST SURFA	CE WATER: >(000'
NMOCD RANKING SCORE: 10 NMOCD TE		
SOIL AND EXCAVATION DESCRIPTION:	PIT DISPOSITION:ABAN AN	<u>a</u>
	BOTPOM. NO STAW/NO ODOR	
	FIELD 418.1 CALCULATIONS WEIGHT (g) ml. FREON DILUTION READING CA	LC. ppm
o s 10 FT PIT PERIMETER	OVM RESULTS PIT	PROFILE
TH-1 25'	SAMPLE FIELD HEADSPACE PID (ppm) 1 TAL @ 10' 2 3 4 5 LAB SAMPLES	110
TRAVEL NOTES: CALLOUT: 8.2	6-96 ONSITE: 3-26-96	/S20 FORM REVISED 7/95

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

TH #1 @ 10' Jicarilla C # 4E

TPH #1800

Project #:

Date Analyzed: Date Reported:

8-27-96

8-26-96

Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg	
Total Recoverable Petroleum Hydrocarbons	20	10	

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg

1.420

Duplicate

TPH mg/kg

1,344

% *Diff.

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 - BJ422

R. E. O'Nall Analyst

Melron Vel Review

8J 422

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: AMOCO PRODUCTION COMPANY	Telephone: (505)326-9200
Address: 200 Amoco Court, Farmington, N	NM 87401
	4E
Location: Unit or Qtr/Qtr Sec_M Sec_Z4_T2	4N R 4W County RID ARRIBA
Pit Type: Separator X Dehydrator Other P	
Land Type: RANGE	
	30', width 25', depth 15'
	other
Footage from reference: 90	<u>>'</u>
Direction from reference:8	O Degrees East 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)
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): 10

SEP/PROD. PIT BJ4ZZ

		8/28/96
Date Remediation Sta	•	400
mediation Method:		lt l
sections)	Landfarmed X Insitu Bioremediation	1
	Other	
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)		
General Description	of Remedial Action: Excavation	
Groundwater Encoun	ntered: No X Yes Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location see Attached Documents	
attach sample results and diagram of sample	Sample depth81	
locations and depths)		1507
	Sample Results	
1	Soil: Benzene (ppm) 0.02 Water: Be	enzene (ppb)
	Total BTEX (ppm) 0.31 To	oluene (ppb)
	Field Headspace (ppm) 350 E	thylbenzene (ppb)
	TPH (8005) (ppm) 1.9 To	otal Xylenes (ppb)
1	le: Yes NoX (If yes, attach sample i	
I HEREBY CERTIFY KNOWLEGE AND E	Y THAT THE INFORMATION ABOVE IS TRUE AND COMBELIEF	PLETE TO THE BEST OF MY
DATE	8/28/96 PRINTED NAME Buddy D. ST	haw
SIGNATURE BUS	Qly Show AND TITLE Environment	tal Coordinator
PENTENT ()	OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS A LA APACHE TRIBE PIT CLOSURE ORDINANCE.	APPROVED IN ACCORDANCE
APPROVED: YES	NO (REASON)	
SIGNED: QU	Manll DATE: 8-29-96	

BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	C.D.C. ND: 4895
FIELD REPORT: PIT CLOSURE VERIFICATION	ON
LOCATION: JICAPILLA C # 4E PIT TYPE: SEP. /PROD.	DATE STARTED: 8-26-96 DATE FINISHED:
QUAD/UNIT: M SEC: 24 TWP: 26 N RNG: 5W BM: NM CNTY: RA ST: NM QTR/FODTAGE: 790' FSL. 990' FWL CONTRACTOR: PAUL	ENVIRONMENTAL PEO
EXCAVATION APPROX. 30 FT. x 25 FT. x 15 FT. DEEP. CUBI	C YARDS: 400
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD LAND USE: RANGE LEASE: # 108 FORMA	TION:
FIFID NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FEET 5	580°ω FROM WELLHEAD.
DEPTH TO GROUNDWATER: >50 NEAREST WATER SOURCE: >1000 NEAREST SURFACE	E WATER:
SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: WNKNO	WY
SOIL CONSISTS OF MOIST, IROW, SILTY SAMO - SOME ODOR, FLAT AREA IN BOTTOM LAND.	
SCALE FIELD 418.1 CALCULATIONS WEIGHT (g) mL. FREON DILUTION READING CAL	
O 10 20 FT OVM PIT PERIMETER RESULTS PIT	PROFILE
SAMPLE FIELD HEADSPACE PID (ppm) 1 NJ - [0 20 20 2 25 - 8 350 350 35 - [0 28] 4 W5 - [0 232 5 68 - 17 20] 1 NJ - [0 20 2 28] 4 W5 - [0 232 5 68 - 17 20] 1 NJ - [0 20 2 28] 4 W5 - [0 232 5 68 - 17 20] 1 NJ - [0 20 2 28] 4 W5 - [0 232 5 68 - 17 20] 1 NJ - [0 20 2 28] 4 W5 - [0 232 5 68 - 17 20] 1 NJ - [0 20 2 28] 4 W5 - [0 28] 5 W5 W	115
TRAVEL NOTES: CALLOUT: 8-26-16 ONSITE: 8-26-16	1445 FORM REVISED 7/95



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Sample ID: Laboratory Number:	Amoco / Blagg E. Side @ 8' A502	Project #: Date Reported: Date Sampled:	04034 08-27-96 08-26-96
Chain of Custody No:	4895	Date Received:	08-27-96
Sample Matrix:	Soil	Date Extracted:	08-27-96
Preservative:	Cool	Date Analyzed:	08-27-96
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.9	0.2
Diesel Range (C10 - C28)	1.0	0.1
Total Petroleum Hydrocarbons	1.9	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 #4E Sep. / Prod. Pit.

Dem S. Ogener Analyst Stacy W Sendler
Review



EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client: Sample ID: Laboratory Number: Chain of Custody: Sample Matrix: Preservative: Condition:	Amoco / Blagg E. side @ 8' A502 4895 Soil Cool Cool & Intact	Project #: Date Reported: Date Sampled: Date Received: Date Analyzed: Date Extracted: Analysis Requested:	04034 08-28-96 08-26-96 08-27-96 08-27-96 BTEX
Condition:	Cool & Intact	Analysis Requested:	DIEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	17.1	11.7
Toluene	64.9	11.1
Ethylbenzene	57.1	10.1
p,m-Xylene	121	14.4
o-Xylene	45.9	6.9
Total BTEX	306	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	98 %

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 #4E

Sep. / Prod. Pit.

Seur L. Gjeuen Analyst

Stacy W Sendler
Review

C	1
0	C
C	2
Č	3
ũ	L
ō	C
_	
2	_
	์ י
C)
F	_
2	מ
Ξ	3
Č)
Ų	5
C)
_	
3	_
3	
Ì	ř
7	ב כ
•	•

					Date Time Benefited by (Cinnelson)	8.27.96 0760 Men College Colle	(a) Hecelved by (Signature) (A)		Received by: (Signature)		ENVIROTI 5796 U.S. High Farmington, New	Helinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature)	2 = 2	Sample Time ISOZ	Chain of Custody Tape No. Lab Number ASO2 8.2	# # # 7 %	Received by:) Signature (Signature	2108]	ANALYSIK ANALYSIK	ANALYSIS/PARAMETERS			11 P 17 00 1/20 00 1/2
Remarks Remarks R. E. O. Koult Sample No. Sample Sample Lab Number Sample Identification State 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.	Chain of Custody Tape No. Chain of Custody Tape No. Sample Sample Lab Number Sample Solt I I Self / Pleat. 8' 8-16-16 ISO2 ASO2 Solt I I Self / Pleat.	O Yearth Chain of Custody Tape No. Sample Date Lab Number Sample Sample Sample Sample Sample Sample Sample Sold Natrix Sample Sample Sample Sample Sample Sold Natrix Sample Sample Sample Sample Sold Natrix Sample Sample Sample Sample Sold Natrix Sample Sample Sample Sample Sample Sample Sample Sold Natrix Sample S	Sample Sample Lab Number Sample Solid	Contact Sample S	Sample Sample Lab Number Sample Soft 1502 ASO2 Soft 1600.	Time Lab Number Sample Some Sample Some Some Some Some Some Some Some Som	Sample Sample Lab Number Sample Solution Sample Solution Sample Solution Soluti	Sample Lab Number Sample Sample Sample Solid Matrix Matrix	Sample Lab Number Sample Post Post	Sample Lab Number Sample Sample Sample Sample Sample Sample Sample Sample Sample Soll	Sample Lab Number Sample Sample	3									-			
R. E. O No. Letter Sample No./ Date Sample No./ Date Sample No./ Lab Number Sample No./ Natrix Sample No./ Natrix Sample No./ Natrix Sample No./ No. Natrix Sample No./	Sample No./ Sample Sample Lab Number Sample 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sample No./ Sample Lab Number Sample 2016 1 / 1 Sele / PR. Sol. 1 / 1 Sele / PR. Sele / PR. Sol. 1502 4502 50(C 1 / 1 1 1 1 1 1 1 1 1	Sample No. Sample Sample Lab Number Sample Solution of Sample Sample Sample Solution of Sample Sample Solution of	Sample No. Sample Sample Lab Number Sample No. Sample N	Sample No./ Sample Sold I Sold Sample Sold Sample Sold Sample Sold I Sold So	Sample Lab Number Sample Container Sample Container South Cold Cold Cold Cold Cold Cold Cold Cold	Sample Sample Sample Sample Sample Solid Matrix Solid Ma	Sample Lab Number Sample Sample Sample Sample Societies Matrix Societies Matrix Societies Matrix Societies Soc	Sample	Sample	Sample Lab Number Sample 20 Matrix Sample 20 Matrix Sample 20 Matrix Sample 20 Matrix Sall Matrix Sall Matrix Sall Matrix Sall Matrix Sall Sall	R. E. OKOK	00		Chain of Custody Tape	No.							Remarks	:
Sample No./ Sample Sample Lab Number Sample 2 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Sample No./ Sample Sample Lab Number Sample 2 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Sample No./ Sample Samp	Sample No./ Identification Sample Sample Sample Identification Sample Sample Identification Sample Sample Identification Sample Solution Sample Solution Sample Solution Solution Solution Solition	Sample No./ Sample Lab Number Sample 25 Sample	Sample No./ Sample Sample 20 Sample 120 Sample 120 Sample 120 Soll 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15 Sample Lab Number Sample 25 Set (1502 A502 Soll (1 / /)	26 1502 A502 SOLL 1 V Set 1800. 26 1502 A502 SOL 1 V Set 1800.	Sample Lab Number Sample 20	Sample Lab Number Sample 20	26 Sample Lab Number Sample 2	Sample Lab Number Sample 2	\ \(\text{V} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	4		•		ĵo sneni							
SUKE 88 8-26-16 1502 ASOZ SOLL 1 1 1	SUKE @ 8" 8" 8" 8" 8" 8" 8" 8" PROD.	SURE @ 8' 8-26-16 16 16 16 16 16 16 16 16 16 16 16 16 1	SUK @ 8' 8-18 1502 A502 50(L 1 1 1 1 1 Set. / PROD.	SURE 88 8-26 1502 A502 SOLL 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SUR CE 8' 8-26-16 1 1 1 1 5 2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1	86 1502 A502 Soll 1 1 1 Set / PROD.	86 1502 A502 SOLL 1 1 1 Set / PROD. 10 10 10 10 10 10 10 10 10 10 10 10 10 1	26 1502 A502 SOLL 1 1 1 Set / 1809. 2012 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16 1502 A502 SOLL 1 1 Set / 1829. 18 1702 A502 SOLL 1 1 1	86 1502 4502 SOLL 1 1 1 5 Set, 1829. 8 2146 0709 Received by: (Signature) 8 2742 0748 Received by: (Signature)	8 27 4 6 07 0 Received by: (Signature) Samington, New March 2016 1		Sample Date	Sample Time	Lab Number	Sample Matrix	No. Conta							
							Date Time Received by: (Signature) Alternative Pace Pace	Delie Time Received by: (Signature) St.27 St	Date Time Received by: (Signature)	Date 8.2746 O760 8.2748 O748 8.2748 O748 Received by: (Signature) Received by: (Signature)	Date Time Received by: (Signature) PA27条 PA27% P	SUDE @ 8'		1502	A502	7)05		7	1			See	1	714
							Date Time Received by: (Signature)	Date Time Received by: (Signature) Pate St2/k Signature) Pate Pate Signature Signature Pate Signature Signature	Date Time Received by: (Signature) St. 27/46 O 1/40 O	8-2746 O'10 Pate 8/2742 O'748 Received by: (Signature) 8/2742 O'748 Received by: (Signature)	S.2746 O'10 Three Received by: (Signature) PA2742 S.2742 O'7478 Received by: (Signature) PA2742 Farmington, New Mexico 87401 Farmington, New Mexico 87401 PA2742 PA2743 PA2744 P													
							Date Time Received by: (Signature) 8.27.46 O760	Date Time Received by: (Signature) Pate St. 27/4K St.	Date Time Received by: (Signature) Date St. 2/4k Signature) Signature) St. 2/4k Signature) St. 2/4k Signature) Signature) St. 2/4k Signature) Signature) St. 2/4k Signature) St. (Signature) S	Date Time Received by: (Signature) Standard by: (Signature) Stand	8-27-46 O 160 8-27-42 O 160 8-27-42 O 160 Received by: (Signature) Received by: (Signature) Received by: (Signature) Farmington, New Mexico 87401 Farmington, New Mexico 87401													
Date Time Received by: (Signature) St. 2742 St. 2742 St. 2743 St. 2744 S	S.77 & O'U' Received by: (Signature) PA2/8x S.77 & O'U' Received by: (Signature) PA2/8x S.77 & O'U' Received by: (Signature) PA2/8x S.75 & O'U'S. Highway 64:3014	Bate Time Received by: (Signature) 8.2746 O'100 TMM ME Received by: (Signature) Received by: (Signature) ENVIROTECH INC. 5796. U.S. Highway 643014	8.2746 0760 79 8 8.2746 8.39nature) 8/2742 0748 Received by: (Signature) 8/2742 0748 Received by: (Signature) 5796 U.S. Highway 64.3014	8-27-96 O'10 The Received by: (Signature) 8-27-92 O'7-98 Received by: (Signature) Received by: (Signature) FENVIROTECH INC. 5796 U.S. Highway 64-3014	8-2746 O760 The maceline of Signature) 8/2742 O748 Received by: (Signature) Received by: (Signature) Environment of Signature) 5796 U.S. Highway 64-3014	Heceived by (Signature) Received by: (Signature) Received by: (Signature) Environment Inc. 5796 U.S. Highway 64-3014	ENVIROTECH INC. 5796 U.S. Highway 64-3014	ENVIROTECH INC. 5796 U.S. Highway 64-3014	ENVIROTECH INC. 5796 U.S. Highway 64-3014							Farmington, New	W Mexico 8	/ 4 01						

BJ422

SUBMIT 1 COPY TO

AND OIL & GAS ADMINISTRATION

NATURAL RESOURCE DEPT

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

ON-SITE SOIL REMEDIATION REPORT

Operator: AMOCO PRODUCTION COM	IPANY	Telephone : (505) 326-9200
Address: 200 Amoco Court, Fa	rmington,	
Facility or Well Name:	ARILLA (C #4E
Location: Unit or Qtr/Qtr Sec_M_	Sec_24 T20	SN R SW County RIO ARRIBA
Land Type: RANGE		
	≺_	Date Completed: 8/27/97 Approx. cubic yards 400
•		
Other		
oth To Groundwater: (1	ots.) <u>\</u>	Final Closure Sampling:
k -	ots.)	Sampling Date: 8/25/97 Time: 1035
Wellhead Protection Area: (p	ots.)	Sample Results: Field Headspace (ppm) O.O TPH (ppm) 4.7 Method 8015 Other
RANKING SCORE (TOTAL POINTS): <u>10</u>	
I HEREBY CERTIFY THAT THE INFORM KNOWLEGE AND BELIEF	MATION ABOVI	E IS TRUE AND COMPLETE TO THE BEST OF MY
DATE 8/27/97 SIGNATURE BUDDY S. St	PRINTED I	NAME Buddy D. Shaw AND TITLE Environmental Coordinator
ACCORDANCE TO THE JICARILLA APA	ACRE INIDETI	MATION, ON-SITE REMEDIATION IS APPROVED IN T CLOSURE ORDINANCE.
APPROVED: YES X NO (R	λ	c: _ 9-2-97

BLAGG ENGINEERING, INC. CLIENT _ AMOCO LOCATION NO: BJ4ZZ P.O. BOX 87, BLOOMFIELD, NM 87413 C.E.C. NE. 5399 (505) 632-1199FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION DATE STARTED: 8/25/97 1904T DAY NAME: JICARINA C WELL #: 4E PITS: DATE FINISHED: _ QUAD/UNIT: M SEC: 24 TWP: 262 RNG: 5W PM: NM CNTY: 89 ST: NM ENVIRONMENTAL NU TRYFBBTAGE 5614 5614 CONTRACTOR: P45 SOIL REMEDIATION: REMEDIATION SYSTEM: LANDFARMED APPROX. CUBIC YARDAGE: 400 LIFT DEPTH (ft): /Z"-24" LAND USE: RANGE FIELD NOTES & REMARKS: DEPTH TO SEQUIDIWATER STOO! NEAREST WATER SQURCE >1000' NEAREST SURFACE WATER >1000' NMBIT PANNING SCOPE: 10 NMBCD TPH CLOSURE STD-1000 PPM DK. YELL. BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIXM, NO APPARENT HC DOOR IN OUR STIMPLE 5 PT. COMPOSITE COLLECTED FOR LAB ANALYSIS. (CLOSEN FIELD 4181 CALCULATIONS SAMP, TIME SAMPLE I.D. LAB No: WEIGHT (g) m_. FRECN DILUTION, READING CALC. opm SKETCH/SAMPLE LOCATIONS 50 RERM LAB SAMPLES OVM RESULTS (5) ANALYSIS TIME RESULTS FIELD HEADSPACE PID (ppm) SAMPLE PROD 1035 4.2 0.0 JF-((8012) 110 3 (I)(155', N75W) 5AMPLE SCALE BELM PT. DESIGNATION FT ONSITE: 8/25/97 TRAVEL NOTES: CALLOUT: NA



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / AMOCO	Decises the	04004.40
	Diagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	08-26-97
Laboratory Number:	B928	Date Sampled:	08-25-97
Chain of Custody No:	5399	Date Received:	08-25-97
Sample Matrix:	Soil	Date Extracted:	08-25-97
Preservative:	Cool	Date Analyzed:	08-26-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.2	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	4.2	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 #4E Landfarm. 5 Pt. Composite.

Stacy W Sendler

CHAIN OF CUSTODY RECORD

INC. 4:3014 co 87401	ENVIROTECH INC. 57% U.S. Highway 64-3014 Farmington, New Mexico 87401 (505) 632-0615				
Received by: (Signature)	Receiv				Relinquished by: (Signature)
e) <i>(</i>	Receiv			P	Relinquished by: (Signature)
Date Time	Date Time Received by:	can .		2	Relinquished by: (Signaturg)
received agold intest	بالميرسود				
1 V S FT. Composite	2016	8698	97/1035	6/25/97	1-27
PRSKN - COOL	Sample Matrix	Lab Number	Sample Time	Sample Date	Sample No./ Identification
o of tainers	1004 Tapa No. 04634 ~ 10	Chain of Custody Tape No.		R	Sampler: (Signature)
ANALYSIS/PARAMETERS	チャナ	JICARILLA		Amocs	BURGE / K
	CANDERDAN	Project Location			Client/Project Name
Y RECORD	CHAIN OF CUSTODY RECORD	ŀ			