

Jicarilla Apache Tribe  
Environmental Protection Office  
P.O. Box 507  
Dulce, New Mexico 87528

Pit Remediation and Closure Report

Operator: <u>3-TECH</u>		Telephone: <u>(713) 821-7106</u>	
Address: <u>777 WALKER SUITE 2400 HOUSTON TEXAS 77002</u>			
Facility or Well Name: <u>APACHE FEDERAL # 8 PIT 2</u>			
Location:	Unit or Qtr/QTR <u>Sec D Sec 8, T24 N, R 5 W</u> County <u>RIO ARriba</u>		
Pit Type:	Separator: <input checked="" type="checkbox"/> Dehydrator: <input type="checkbox"/> Other: <input type="checkbox"/>		
Land Type:	<u>Range</u>		

  

Pit Location:	Pit dimensions:	length: <u>15</u>	width: <u>15</u>	depth: <u>2</u>
(Attach Diagram)				
Reference:	wellhead: <input checked="" type="checkbox"/> other: <input type="checkbox"/>			
Footage from reference:	<u>214'</u>			
Direction from reference:	<u>SW</u>	Degrees <u>240°</u>	East	North
			West	South

  

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevations 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 SCORE):			<u>0</u>

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Date Remediation Started: <u>5/7/00</u>		Date Completed: _____	
Remediation Method:	Excavation: <u>16' X 22' X 5'</u>	Approx. cubic yards: <u>65</u>	
(Check all appropriate sections)	Landfarmed: <u>L.F. # 1</u>	Insitu Bioremediation: _____	
	Other: _____		
Remediation Location:	On-site: _____	Off-site: _____	
(I.e. landfarmed on site, name and location of off site location)	<u>A.F. # 8 PIT 2</u> <u>UNIT D, SEC 8, T24N, R5W</u>		
General Description of Remedial Action: <u>OFFSITE COMMERCIAL LANDFARMING</u>			
Groundwater Encountered:	No: <input checked="" type="checkbox"/>	Yes: _____	Depth: _____
Final Pit	Sample location: <u>NORTH, SOUTH, EAST, AND WEST WALL COMPOSITES. BOTTOM GRAB.</u>		
Closure Sampling:	Sample depth: <u>5' DEPTH</u>		
(If multiple samples, attach sample results and diagram of sample locations and depths.)	Sample date: <u>5/9/00</u>	Sample time: <u>3:49 PM</u>	
Sample Results:			
<u>Soil:</u>	<u>Water:</u>		
Benzene (ppm) _____	Benzene (ppb) _____		
Total BTEX (ppm) _____	Toluene (ppb) _____		
Field Headspace (ppm) <u>W.C. = ND</u>	Ethylbenzene (ppb) _____		
TPH (ppm) <u>0 G. = 17 PPM</u>	Total Xylenes (ppb) _____		
Groundwater Sample: _____	Yes: _____	No: <input checked="" type="checkbox"/>	
(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: <u>6-12-00</u>			
SIGNATURE: <u>Jason Simpson</u> AND TITLE: <u>FOREMAN</u>			
AFTER REVIEW OF THE PIT CLOSURE INFORMATION PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE			
APPROVED: Yes: <input checked="" type="checkbox"/> No: _____ (Reason) _____			
SIGNED: <u>K. C. M...</u> DATE: <u>6-19-00</u>			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires September 30 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well	oil well	<u>gas well</u>	other
2. Name of Operator	<u>3-TECH</u>		
3. Address of Operator	<u>777 WALKER SUITE 2400 HOUSTON TX 77002</u>		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	<u>UNIT D, SEC. 8, T24N, R5W</u>		
5. Lease Designation and Serial No.			
6. If Indian, Allottee or Tribe Name	<u>JICARILLA APACHE</u>		
7. If Unit or CA, Agmt. Design			
8. Well Name and No.	<u>A.F. # 8 PIT 2</u>		
9. API Well No.			
10. Field & Pool/Exploratory Area			
11. County or Parish, State	<u>RIO ARKIBA</u>		

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Alienating Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other	<b>PIT CLOSURE</b>
	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

EXCAVATION BEGAN ON 5/7/00. DURING  
EXCAVATION AN ESTIMATED AMOUNT OF 65 C.Y.D.S  
OF CONTAMINATED SOIL WAS EXCAVATED FROM THE  
SITE. THE CONT. SOIL WILL BE HAULED OFF TO  
LANDFARM #1. THAT SOIL WILL BE REPLACED WITH  
CLEAN SOIL FROM L.F. #1. THE CLEAN SOIL WILL BE  
BACKFILLED INTO THE PIT.

I hereby certify that the foregoing is true and correct.

Signed Jason Simpson Title \_\_\_\_\_ Date \_\_\_\_\_

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any

Location <u>APACHE FEDERAL # 8 PIT 2</u>		Overview of Location and Sampling A = SOUTH WALL B = WEST WALL C = NORTH WALL D = EAST WALL E = BOTTOM GRADE	
Quad <u>UNIT D</u> Section <u>8</u>		TANK SEPARATOR PIT 1	
Range <u>5W</u> Township <u>24N</u>		SEPARATOR CHART HOUSE	
Pit: <u>SEPARATOR</u> Reference: <u>WELL HEAD</u>		Initial Size <u>15 x 15 x 2</u> Final Size <u>16 x 22 x 5</u> Yds. Excavated: <u>65</u>	
Depth to Groundwater: <u>&gt;100'</u>		Sample # Location OVM 1 A - 2.2 2 B - 2.1 3 C - 1.7 4 D - 3.0 5 E - 24.0	
Nearest Water Source: <u>&gt;1000'</u>		6 7 8 9 10 11 12	
Nearest Surface Water: <u>&gt;1000'</u>		EPO Ranking Score: <u>0</u>	
Nearest Ephemeral Stream: <u>&gt;1000'</u>		TPH Closure Standard: <u>300</u>	
Comments: <u>HIT SANDSTONE @ A</u> <u>DEPTH OF 5' SAND SOIL</u> <u>CONDITIONS</u>		Pit Profile: East to West 	
Pit Profile: North to South 		Pit Profile: North to South 	

OFF: (505) 325-5667  
FAX: (505) 327-1496



LAB: (505) 325-1556  
FAX: (505) 327-1496

## ANALYTICAL REPORT

Date: 05-Jun-00

Client:	Acme, Inc.	Client Sample Info:	Apache Federal #8
Work Order:	0005028	Client Sample ID:	Pit 2 Wall Composite
Lab ID:	0005028-07A	Matrix:	SOIL
Project:	Apache Federal Pits	Collection Date:	5/9/2000 3:45:00 PM
		COC Record:	10525

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DM
T.R. Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/30/2000
<b>GASOLINE RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DM
T.R. Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	5/16/2000

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	L - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	BS - Analyte detected in the associated Method Blank	Sum - Surrogate

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- TECHNOLOGY BRIDGING INDUSTRY WITH THE ENVIRONMENT -

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## ANALYTICAL REPORT

Date: 05-Jun-00

Client:	Acme, Inc.	Client Sample Info:	Apache Federal #8
Work Order:	0005028	Client Sample ID:	Pit 2 Bottom Grab
Lab ID:	0005028-08A	Matrix:	SOIL
Project:	Apache Federal Pits	Collection Date:	5/9/2000 3:55:00 PM
		COC Record:	10525

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DM
T-R Hydrocarbons: C10-C28	17	25		mg/Kg	1	5/30/2000
<b>GASOLINE RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DM
T-R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	5/15/2000

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	L - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surf - Surrogate

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