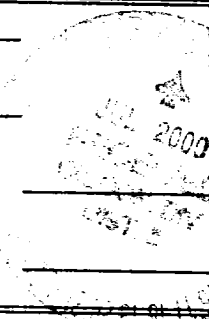


OK

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 TX 77002</u>			
Facility or Well Name: <u>APACHE FEDERAL # 11 PIT 1</u>			
Location:	Unit or Qtr/QTR <u>Sec 5</u> Sec <u>8</u> , T <u>24</u> N, R <u>5</u> W County <u>RIO ARriba</u>		
Pit Type:	Separator: <input checked="" type="checkbox"/>	Dehydrator:	Other:
Land Type:	Range		
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:			
Footage from reference: <u>132'</u>			
Direction from reference: <u>SW</u> Degrees <u>260</u> East North of West South			
			
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevations of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)	<u>0</u>
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)	<u>0</u>
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)	<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 No	(20 points) (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 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	<u>0</u>
RANKING SCORE (TOTAL SCORE)			<u>0</u>

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Dulce, New Mexico 87528

Pit Remediation and Closure Report

Date Remediation Started: <u>5/4/00</u>		Date Completed: _____	
Remediation Method: (Check all appropriate sections)	Excavation: <input checked="" type="checkbox"/>	Approx. cubic yards: <u>447</u>	
	Landfarmed: <u>L.F.# 1</u>	Insitu Bioremediation _____	
	Other: _____		
Remediation Location: (I.e. landfarmed on site, name and location of off site location)	On-site: _____	Off-site: _____	
	<u>A.F. # 11 PIT 1</u> <u>UNIT 5, 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 COMPOSITE, BOTTOM GRAB.</u>		
Closure Sampling: (If multiple samples, attach sample results and diagram of sample locations and depths.)	Sample depth: <u>16'</u>	Sample date: <u>5/6/00</u>	Sample time: <u>2:51 PM</u>
Sample Results:			
<u>Soil:</u>		<u>Water:</u>	
Benzene (ppm)	_____	Benzene (ppb)	_____
Total BTEX (ppm)	_____	Toluene (ppb)	_____
Field Headspace (ppm)	<u>N.C. - ND</u>	Ethylbenzene (ppb)	_____
TPH (ppm)	<u>B.G. - 86</u>	Total Xylenes (ppb)	_____
Groundwater Sample: (If yes, attach sample results.)	Yes: _____	No: <input checked="" type="checkbox"/>	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE: <u>6-8-00</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. Mendenhall</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 5, 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>APACHE FED. # 11 PIT 1</u>		
9. API Well No.			
10. Field & Pool/Exploratory Area			
11. County or Parish, State	<u>RIO ARriba</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"/> Altering 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 5/4/00. DUE TO SANDY SOILS, THE PIT WAS EXCAVATED TO A DEPTH OF 16'. AN ESTIMATED AMOUNT OF 447 CUBIC YARDS WAS EXCAVATED FROM THE PIT. THE ~~SOIL~~ CONTAMINATED SOIL WILL BE HAULED OFF TO LANDFARM # 1.

I hereby certify that the foregoing is true and correct

Signed

Jason Simpson

Title: FOREMAN

Date 10-8-00

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Location APACHE FEDERAL # 11 PIT 1																																								
Quad UNIT 5 Section 8	Range SW Township 24N																																							
Pit SEPARATOR Reference: WELHEAD																																								
Initial Size: 15 x 15 x 2 Final Size: 29 x 20 x 16 Yds. Excavated: 447																																								
Depth to Groundwater: >100' Nearest Water Source: >1000' Nearest Surface Water: >1000' Nearest Ephemeral Stream: 21000' EPO Ranking Score: 0 TPH Closure Standard: 100	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sample #</th> <th>Location</th> <th>OM</th> </tr> </thead> <tbody> <tr><td>1</td><td>A -</td><td>5.0</td></tr> <tr><td>2</td><td>B -</td><td>7.2</td></tr> <tr><td>3</td><td>C -</td><td>14</td></tr> <tr><td>4</td><td>D -</td><td>2.2</td></tr> <tr><td>5</td><td>E -</td><td>6.5</td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td></tr> <tr><td>12</td><td></td><td></td></tr> </tbody> </table>	Sample #	Location	OM	1	A -	5.0	2	B -	7.2	3	C -	14	4	D -	2.2	5	E -	6.5	6			7			8			9			10			11			12		
Sample #	Location	OM																																						
1	A -	5.0																																						
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6																																								
7																																								
8																																								
9																																								
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11																																								
12																																								
Comments: SANDY SOILS. THE SOIL IS CONTAINING moisture. WALL COMPOSITE READINGS WERE LOW.																																								
Pit Profile: North to South	Overview of Location and Sampling 																																							
Pit Profile: East to West	Pit Profile: East to West 																																							

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 #11
Work Order:	0005028	Client Sample ID:	Pit 1 Wall Composite
Lab ID:	0005028-17A	Matrix:	SOIL
Project:	Apache Federal Pits	Collection Date:	5/6/2000 2:51:00 PM
		COC Record:	10525

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				
T.R. Hydrocarbons: C10-C28	ND	25		mg/Kg	1	Analyst: DM 5/23/2000
<b>GASOLINE RANGE ORGANICS</b>		<b>SW8015B</b>				
T.R. Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	Analyst: DM 5/17/2000

**Qualifiers:**

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

L - Analyte detected below Practical Quantitation Limit

BB - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr - Surrogate

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

## ANALYTICAL REPORT

Date: 05-Jun-00

Client:	Acme, Inc.	Client Sample Info:	Apache Federal #11
Work Order:	0005028	Client Sample ID:	Pit 1 Bottom: Grab
Lab ID:	0005028-18A	Matrix:	SOIL
Project:	Apache Federal Pits	Collection Date:	5/6/2000 2:48:00 PM
		COC Record:	10525

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				
TIR Hydrocarbons: C10-C28	86	25		mg/Kg	1	Analyst: DM 5/22/2000
<b>GASOLINE RANGE ORGANICS</b>		<b>SW8015B</b>				
TIR Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	Analyst: DM 5/15/2000

Qualifiers:

PQL = Practical Quantitation Limit

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E = Analyte detected below Practical Quantitation Limit

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