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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 # 9 PIT 2</u>			
Location:		Unit or Qtr/QTR <u>Sec D Sec 17, T24N, R5W</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>	
<hr/>			
Pit Location:		Pit dimensions: length: <u>15</u> width: <u>15</u> depth: <u>3</u>	
(Attach Diagram)			
Reference:		wellhead: <input checked="" type="checkbox"/> other: <input type="checkbox"/>	
Footage from reference:		<u>114' FEET</u>	
Direction from reference:		<u>NW</u> Degrees <u>275</u> East North of West South	
<hr/>			
Depth To Groundwater:		Less than 50 feet (20 points)	
(Vertical distance from		50 feet to 99 feet (10 points)	
contaminants to seasonal		Greater than 100 feet (0 points) <u>0</u>	
high water elevations of			
groundwater)			
Distance to an Ephemeral Stream:		Less than 100 feet (10 points)	
(Downgradient dry wash greater than		Greater than 100 feet (0 points) <u>0</u>	
ten feet in width)			
Distance to Nearest Lake, Playa, or Watering		Less than 100 feet (10 points)	
Pond: (Downgradient lakes, playas, and		Greater Than 100 feet (0 points) <u>0</u>	
livestock or wildlife watering ponds)			
Wellhead Protection Area:		Yes (20 points)	
(Less than 200 feet from a private		No (0 points) <u>0</u>	
domestic water source, or less than			
1000 feet from all other water sources)			
Distance To Surface Water:		Less than 100 feet (20 points)	
(Horizontal distance to perennial		100 feet to 1000 feet (10 points)	
lakes, ponds, rivers, streams, creeks,		Greater than 1000 feet (0 points) <u>0</u>	
irrigation canals and ditches.)			
RANKING SCORE (TOTAL SCORE):		<u>0</u>	

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Date Remediation Started: <u>5/2/00</u>		Date Completed: _____	
Remediation Method: (Check all appropriate sections)	Excavation: <input checked="" type="checkbox"/>	Approx. cubic yards: <u>484</u>	
	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.# 9 PIT 2</u> <u>UNIT D, SEC. 17, T24N, R5W</u>			
General Description of Remedial Action: <u>OFFSITE COMMERCIAL LANDEFARMING</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>12'</u>	Sample date: <u>5/4/00</u>	Sample time: <u>9:15 AM</u>
Sample Results:			
<u>Soil:</u>		<u>Water:</u>	
Benzene (ppm)	_____	Benzene (ppb)	_____
Total BTEX (ppm)	_____	Toluene (ppb)	_____
Field Headspace (ppm)	<u>69 B.G</u>	Ethylbenzene (ppb)	_____
TPH (ppm)	<u>10 W.C</u>	Total Xylenes (ppb)	_____
Groundwater Sample: (If yes, attach sample results.)	Yes: _____	<u>No</u>	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE: <u>6-7-00</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: <u>X</u> No: _____ (Reason) _____			
SIGNED: <u>Keith Mammal</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 gas well other
2. Name of Operator 3-TECH
3. Address of Operator 777 WALKER SUITE 2400 HOUSTON TX 77002
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UNIT D, SEC. 17, T24N, R5W

5. Lease Designation and Serial No.
6. If Indian, Allottee or Tribe Name
JICARILLA APACHE
7. If Unit or CA, Agmt. Design
8. Well Name and No.
APACHE FED. #9 PIT2
9. API Well No.
10. Field & Pool/Exploratory Area
11. County or Parish, State.
RIO ARriba

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: <u>PIT CLOSURE</u> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 5/2/00. DURING EXCAVATION NO GROUNDWATER WAS ENCOUNTERED. THE PIT RAN LATERALLY AND DOUBLED ITS SIZE. DURING EXCAVATION SANDSTONE WAS HIT AT 12'. THE CONT. SOIL WILL BE HAULED OFF TO LANDFARM #1. THAT SOIL WILL BE REPLACED BY CLEAN FILL HAULED FROM L.F.#1.

I hereby certify that the foregoing is true and correct.

Signed Jason Simpson

Title: FOREMAN

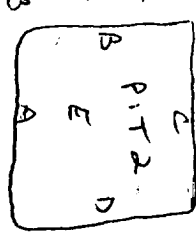

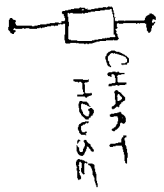

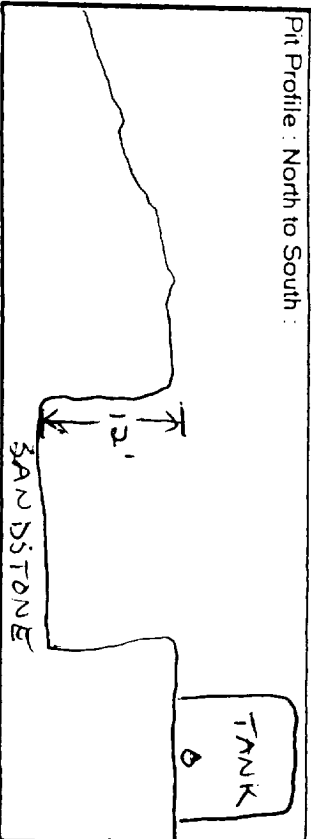
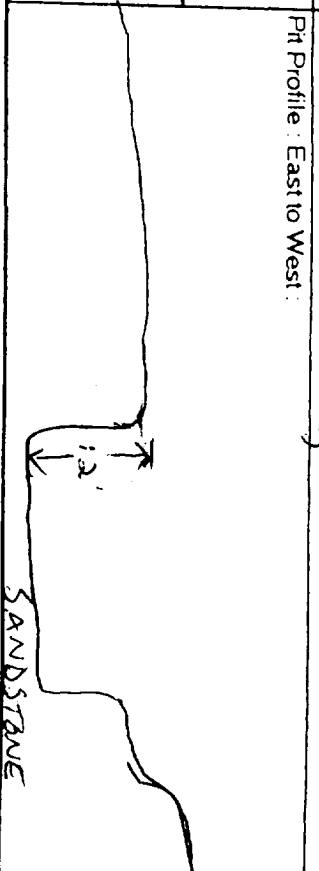
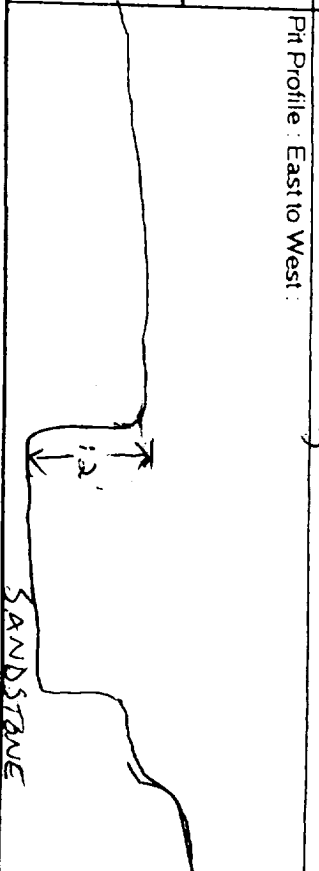
Date 6-7-00

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Location: APACHE FEDERAL # 9 PIT 2			Overview of Location and Sampling:		
Quad UNIT D Section: 17			SAMPLED @ a 12' DEPTH.		
Range: SW Township: 24N			WELL HEAD		
Pit SEPARATOR			A = SOUTH WALL		
Reference: WELL HEAD			B = WEST WALL		
Initial Size: 15 x 15 x 3			C = NORTH WALL		
Final Size: 33 x 33 x 12			D = EAST WALL		
Yds. Excavated: 484			E = BOTTOM GRAB		
Depth to Groundwater: >100'					
Nearest Water Source: >1000'			TANK		
Nearest Surface Water: >1000'					
Nearest Ephemeral Stream: 21000'			CHAIR HOUSE		
EPO Ranking Score: 0					
TPH Closure Standard: 100					
Comments: SANDSTONE WAS ENCOUNTERED AT THE DEPTH OF 12'.			Pit Profile: East to West:		
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 #9
Work Order:	0005028	Client Sample ID:	Pit 2 Wall Composite
Lab ID:	0005028-03A	Matrix:	SOIL
Project:	Apache Federal Pits	Collection Date:	5/4/2000 9:15:00 AM
		COC Record:	10525

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				
T/R Hydrocarbons: C10-C28	10	25		mg/Kg	1	Analyst: DM 5/22/2000
GASOLINE RANGE ORGANICS		SW8015B				
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	Analyst: DM 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
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr: - Surrogate

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

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 #9
Work Order:	0005028	Client Sample ID:	Pit 2 Bottom Grab
Lab ID:	0005028-04A	Matrix:	SOIL
Project:	Apache Federal Pits	Collection Date:	5/4/2000 9:33:00 AM
		COC Record:	10525

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				
T R Hydrocarbons: C10-C28	69	25		mg/Kg	1	Analyst: DM 5/22/2000
GASOLINE RANGE ORGANICS		SW8015B				
T R Hydrocarbons: C6-C10	0.18	0.18		mg/Kg	1	Analyst: DM 5/15/2000

Qualifiers:

- PQL - Practical Quantitation Limit
- ND - Not Detected at Practical Quantitation Limit
- L - Analyte detected below Practical Quantitation Limit
- B - 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
- Sur - Surrogate

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