

APR 10 1998

PIT REMEDIATION AND CLOSURE REPORT

Approved

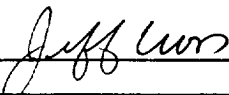
Operator: <u>Apache Corporation</u>		Telephone: <u>505-325-0318</u>	
Address: <u>2855 Southside River Road, Suite A, Farmington, NM 87401</u>			
Facility or Well Name:		<u>Apache # 26</u>	<u>Pit #1</u>
Location: Unit or Qtr/Qtr Sec		<u>L</u>	<u>Sec 13 T 24 N R 4W</u> County <u>Rio Arriba</u>
Pit Type: Separator: _____		Dehydrator _____	Other <u>Blow Pit</u>
Land Type: <u>Jicarilla Tribal</u>			
Pit Location: <u>BEGINNING PIT</u>		Pit Dimensions:	
(Attach diagram)		Length <u>24'</u>	Width <u>24'</u> Depth <u>6'</u>
Reference:		Wellhead <u>X</u>	Other _____
Footage from reference:		<u>100'</u>	
Direction from reference:		<u>305</u> Degrees	East _____ North <u>X</u>
		<u>XX</u> West	South _____
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 elevation of			
groundwater)			
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 200 feet (20 points) _____	
(Horizontal distance to perennial		200 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 POINTS)		<u>0</u>	

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 OIL CON. DIV.
 DIST. 3

Date Remediation Started:	<u>11/2/95</u>	Date Completed:	<u>6/19/97</u>
Remediation Method: (Check all appropriate sections)	Excavation	<u>XXX</u>	Approx. cubic yards <u>43</u>
	Landfarmed	<u>XX</u>	Insitu Bioremediation _____
	Other	_____	
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)	Onsite	<u>XX</u>	Offsite _____
General Description of Remedial Action:		<u>Excavate pit to 9', took PID readings.</u>	
		<u>Spread soil on location for remediation. Took soil samples.</u>	

Groundwater Encountered:	No <u> </u> <u>X</u>	Yes <u> </u>	Depth <u> </u>

Final Pit:	Sample location	<u>5 point composite taken from pit sidewalls and pit bottom center</u>	
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)	Sample depth	<u>8 to 10" into pit sidewalls 10" into pit bottom</u>	
	Sample results		
	Sample Date	<u>11/30/95</u>	Sample Time <u>1:32 P.M.</u>
	Benzene	(ppm) <u> </u>	<u>ND</u>
	Total BTEX	(ppm) <u> </u>	<u>ND</u>
	Field Headspace	(ppm) <u> </u>	<u>2.82</u>
	TPH	<u> </u>	<u>55</u>
Groundwater Sample:	Yes <u> </u>	No <u> </u> <u>X</u>	(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>November 5, 1997</u>	PRINTED NAME	<u>Jeff Cross</u>
SIGNATURE		AND TITLE	<u>Project Manager</u>

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: <u>APACHE CORPORATION</u>		Telephone <u>505-325-0318</u>	
Address: <u>304 N. BEHREND, FARMINGTON, N.M. 84701</u>			
Facility or Well Name: <u>APACHE # 26</u>		PIT # <u>1</u>	
Location:	Unit or Qtr/Qtr Sec <u>L</u>	SEC <u>13</u>	T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>BLOW PIT</u>
Land Type: <u>JIC. TRIBAL</u>			

Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>24'</u>	Width <u>24'</u>	Depth <u>9'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>	
	Footage from reference:	<u>100'</u>		
	Direction from reference:	<u>305</u> Degrees	<u> </u> East	North <u>X</u>
		<u>XX</u> West	of South <u> </u>	

Depth To Groundwater: (vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	(20 points)	<u> </u>
	50 feet to 99 feet	(10 points)	<u> </u>
	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)	<u> </u>
	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)	<u> </u>
	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)	<u> </u>
	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)	<u> </u>
	100 feet to 1000 feet	(10 points)	<u> </u>
	Greater than 1000 feet	(0 points)	<u>0</u>
RANKING SCORE (TOTAL POINTS)			<u>0</u>

Date Remediation Started:		<u>11/2/95</u>		Date Completed:		<u>6/19/97</u>	
Remediation Method: (Check all appropriate sections)	Excavation		<u>XXX</u>	Approx. cubic yards		<u>43</u>	
	Landfarmed		<u>XX</u>	Insitu Bioremediation			
	Other						
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)		Onsite		<u>XX</u>	Offsite		
General Description of Remedial Action: <u>Excavate pit to 9', took PID readings. spread soil on location for remediation. Took soil samples.</u>							
Groundwater Encountered:		No		<u>XXX</u>	Yes		<u> </u> Depth <u> </u>
Final Pit:		Sample location <u>5 point composite taken from pit sidewalls and pit bottom center.</u>					
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)		Sample depth <u>8" to 10" into pit side walls, 10" into pit bottom.</u>					
Sample Date		<u>11/30/95</u>		Sample Time		<u>1:32 PM</u>	
Sample results							
Soil:	Benzene	(ppm)	<u>ND</u>	Water:	Benzene	(ppb)	<u>NA</u>
	Total BTEX	(ppm)	<u>ND</u>		Toluene	(ppb)	<u>NA</u>
	Field Headspace	(ppm)	<u>2.82</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>55</u>		Total Xylenes	(ppb)	<u>NA</u>
Groundwater Sample:		Yes		<u> </u>	No		<u>XXX</u> (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>8-22-97</u>		PRINTED NAME		<u>JEFF CROSS</u>	
SIGNATURE		<u>Jeff Cross</u>		AND TITLE		<u>PROJECT MANAGER</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		<u> </u> (REASON) <u> </u>	
SIGNED:		<u>Kevin C. Mamm</u>		DATE:		<u>9-2-97</u>	