

District III
1000 Rio Brazos Rd.
Aztec, NM 87410
DEPUTY OIL & GAS INSPECTOR

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 S. PACHECO
Santa Fe, New Mexico 87505

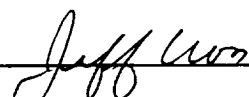
Submit 1 copy to
Appropriate District
and 1 copy to
Santa Fe Office

APR 10 1998

PIT REMEDIATION AND CLOSURE REPORT

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 # 28</u>	<u>Pit #1</u>
Location: Unit or Qtr/Qtr Sec	<u>K</u>	<u>Sec 24</u>	<u>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>			
BEGIN Dimensions			
Pit Location: <u>END</u>	Pit Dimensions:	Length <u>30'</u>	Width <u>30'</u> Depth <u>7'</u>
(Attach diagram)	Reference:	Wellhead <u>X</u>	Other: _____
	Footage from reference:	<u>105'</u>	
	Direction from reference:	<u>170</u> Degrees	<u>XX</u> East North West of South <u>XX</u>
Depth To Groundwater: (vertical distance from contaminants to seasonal high water elevation of groundwater)		Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) _____ (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 200 feet 200 feet to 1000 feet Greater than 1000 feet	(20 points) _____ (10 points) _____ (0 points) <u>0</u>
		RANKING SCORE (TOTAL POINTS) <u>0</u>	

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OIL CON. DIV.
DIST. 3

Date Remediation Started:		<u>10/31/95</u>	Date Completed:		<u>6/19/97</u>
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>	Approx. cubic yards		<u>166</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 7', took PID readings.</u>					
<u>Spread soil on location for remediation. Took soil samples.</u>					
Groundwater Encountered:		No <u>X</u>	Yes _____	Depth _____	
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 Date	<u>10/31/95</u>	Sample Time	<u>12:25 P.M.</u>		
Sample results					
Benzene	(ppm)	<u>ND</u>			
Total BTEX	(ppm)	<u>ND</u>			
Field Headspace	(ppm)	<u>4.6</u>			
TPH		<u>31</u>			
Groundwater Sample:		Yes _____	No <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 # 28</u>		PIT # <u>1</u>	
Location:	Unit or Qtr/Qtr Sec <u>K</u>	<u>SEC 24</u>	<u>T 24N</u>
	<u>R 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>30'</u>	Width <u>30'</u>	Depth <u>7'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>	
	Footage from reference:	<u>105'</u>		
	Direction from reference:	<u>170</u> Degrees	<u>X</u> East	North
			West	South <u>XX</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>10/31/95</u>		Date Completed:		<u>6/19/97</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>166</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 7', took PID readings. spread soil on</u>							
<u>location for remediation. Took soil samples.</u>							
Groundwater Encountered:		No <u>XXX</u>		Yes _____		Depth _____	
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>10/31/95</u>		Sample Time		<u>12:25 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>4.6</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>31</u>		Total Xylenes	(ppb)	<u>NA</u>
Groundwater Sample:		Yes _____		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 _____		(REASON) _____	
SIGNED:		<u>Kevin C. Mammill</u>		DATE:		<u>9-2-97</u>	