

District:

1000 No. 1000 No.

Azt 1000 No.

State of New Mexico

Energy, Minerals and Natural Resources Department

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

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

2040 S. PACHECO

Santa Fe, New Mexico 87505

APR 10 1998

PIT REMEDIATION AND CLOSURE REPORTOperator: Apache Corporation Telephone: 505-325-0318Address: 2855 Southside River Road, Suite A, Farmington, NM 87401Facility or Well Name: Apache # 152 Pit #1Location: Unit or Qtr/Qtr Sec E Sec 12 T 24 N R 4W County Rio ArribaPit Type: Separator: _____ Dehydrator _____ Other Blow PitLand Type: Jicarilla Tribal

Pit Location: END Pit Dimensions: 18' 18' 6'
(Attach diagram) Length 24' Width 24' Depth 10'

Reference: Wellhead X Other _____Footage from reference: 100'

Direction from reference: 260 Degrees _____ East _____ North
_____ XX West _____ South X

Depth To Groundwater:

(vertical distance from
contaminants to seasonal
high water elevation of
groundwater)

Less than 50 feet	(20 points)	_____
50 feet to 99 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>

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Distance To Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 200 feet	(20 points)	_____
200 feet to 1000 feet	(10 points)	_____
Greater than 1000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS) 0

Date Remediation Started:		<u>8/19/95</u>		Date Completed:		<u>7/31/97</u>	
Remediation Method: (Check all appropriate sections)		Excavatio		<u>XXX</u>		Approx. cubic yards	
		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 10', 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>9/15/97</u>		Sample Time		<u>1:55 P.M.</u>	
Sample results							
Benzene		(ppm)		<u>ND</u>			
Total BTEX		(ppm)		<u>ND</u>			
Field Headspace		(ppm)		<u>1.38</u>			
TPH				<u>270</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		<u>Jeff Cross</u>		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 # 152</u>		PIT # <u>1</u>	
Location:	Unit or Qtr/Qtr Sec <u>E</u>	<u>SEC 12</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: Pit Dimensions: Length <u>24'</u> Width <u>24'</u> Depth <u>10'</u>			
(Attach diagram)			
Reference:		Wellhead <u>XXX</u>	Other <u> </u>
Footage from reference:		<u>100</u>	
Direction from reference:		<u>260</u> Degrees	<u> </u> East
		<u>XX</u> West	North of South <u>X</u>
Depth To Groundwater:			
(vertical distance from		Less than 50 feet	(20 points) <u> </u>
contaminants to seasonal		50 feet to 99 feet	(10 points) <u> </u>
high water elevation of		Greater than 100 feet	(0 points) <u>0</u>
groundwater)			
Distance to an Ephemeral Stream:			
(Downgradient dry wash greater than		Less than 100 feet	(10 points) <u> </u>
ten feet in width		Greater than 100 feet	(0 points) <u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond:			
(Downgradient lakes, playas and		Less than 100 feet	(10 points) <u> </u>
livestock or wildlife watering ponds)		Greater than 100 feet	(0 points) <u>0</u>
Wellhead Protection Area:			
(Less than 200 feet from a private		Yes	(20 points) <u> </u>
domestic water source, or less than		No	(0 points) <u>0</u>
1000 feet from all other water sources)			
Distance To Surface Water:			
(Horizontal distance to perennial		Less than 100 feet	(20 points) <u> </u>
lakes, ponds, rivers, streams, creeks,		100 feet to 1000 feet	(10 points) <u> </u>
irrigation canals and ditches)		Greater than 1000 feet	(0 points) <u>0</u>
		RANKING SCORE (TOTAL POINTS)	<u>0</u>

Date Remediation Started:		<u>8/19/95</u>		Date Completed:		<u>7/31/97</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>210</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 10', 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>9/15/95</u>		Sample Time		<u>1:55 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>1.38</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>270</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		JEFF CROSS			
SIGNATURE <u>Jeff Cross</u>		AND TITLE		PROJECT MANAGER			
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. Mann</u>		DATE:		<u>9-2-97</u>			