

Dist. 3  
1000 Rio Brazos Rd  
DEPUTY OIL & GAS INSPECTOR

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

APR 10 1998

OIL CONSERVATION DIVISION  
2040 S. PACHECO  
Santa Fe, New Mexico 87505

## 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 # 27</u>	Pit #1	
Location:	Unit or Qtr/Qtr	Sec	T 24 N R 4W Ccounty <u>Rio Arriba</u>
Pit Type:	Separator: _____	Dehydrator: _____	Other: <u>Blow Pit</u>
Land Type:	<u>Jicarilla Tribal</u>		

Pit Location: <u>END</u>		Pit Dimensions:		Length	<u>21'</u>	Width	<u>24'</u>	Depth	<u>5.5'</u>
(Attach diagram)		Reference:	Wellhead	<u>X</u>	Other				
		Footage from reference:	<u>90'</u>						
		Direction from reference:	<u>174</u>	Degrees	<u>X</u>	East	North		
						West	South	<u>XX</u>	

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	Nc	( 0 points)	<u>0</u>
domestic water source, or; less than			
1000 feet from all other water sources)			

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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>

Date Remediation Started: 10/18/95 Date Completed: 6/19/97

Remediation Method: (Check all appropriate sections)  
Excavatio XXX Approx. cubic yards 55  
Landfarmed XX Insitu Bioremediation \_\_\_\_\_  
Other \_\_\_\_\_

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)  
Onsite XX Offsite \_\_\_\_\_

General Description of Remedial Action: Excavate pit to 10', took PID readings.  
Spread soil on location for remediation. Took soil samples.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Groundwater Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location 5 point composite taken from pit sidewalls and pit bottom center  
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)  
Sample depth 8 to 10" into pit sidewalls 10" into pit bottom  
Sample Date 11/29/95 Sample Time 3:01 P.M.  
Sample results  
Benzene (ppm) ND  
Total BTEX (ppm) ND  
Field Headspace (ppm) 24.48  
TPH 27

Groundwater Sample: Yes \_\_\_\_\_ No X (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 November 5, 1997 PRINTED NAME Jeff Cross

SIGNATURE  AND TITLE Project Manager

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 # 27</u>		PIT # <u>1</u>	
Location:	Unit or Qtr/Qtr Sec <u>I</u>	SEC <u>24</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>21'</u>	Width <u>24'</u>	Depth <u>10'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u>          </u>	
	Footage from reference:	<u>90'</u>		
	Direction from reference:	<u>174</u> Degrees	<u>X</u> East	North of South <u>XX</u>

  

<b>Depth To Groundwater:</b> (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)	<b>0</b>
<b>Distance to an Ephemeral Stream:</b> (Downgradient dry wash greater than ten feet in width)	Less than 100 feet	(10 points)	
	Greater than 100 feet	( 0 points)	<b>0</b>
<b>Distance to Nearest Lake, Playa, or Watering Pond:</b> (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet	(10 points)	
	Greater than 100 feet	( 0 points)	<b>0</b>
<b>Wellhead Protection Area:</b> (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)	<b>0</b>
<b>Distance To Surface Water:</b> (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet	(20 points)	
	100 feet to 1000 feet	(10 points)	
	Greater than 1000 feet	( 0 points)	<b>0</b>
	<b>RANKING SCORE (TOTAL POINTS)</b>		<b>0</b>

<b>Date Remediation Started:</b>		<u>10/18/95</u>		<b>Date Completed:</b>		<u>6/19/97</u>	
<b>Remediation Method:</b> (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>55</u>	
		Landfarmed <u>XX</u>		Insitu Bioremediation			
		Other					
<b>Remediation Location:</b> (i.e. landfarmed onsite, name and location of offsite facility)		Onsite <u>XX</u>		Offsite			
<b>General Description of Remedial Action:</b> <u>Excavate pit to 10', took PID readings. spread soil on</u>							
<u>location for remediation. Took soil samples.</u>							
<b>Groundwater Encountered:</b>		No <u>XXX</u>		Yes		Depth	
<b>Final Pit:</b>		Sample location		<u>5 point composite taken from pit sidewalls and pit bottom center.</u>			
<b>Closure Sampling:</b> (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>11/29/95</u>		Sample Time		<u>3:01PM</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>24.48</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>27</u>		Total Xylenes	(ppb)	<u>NA</u>
<b>Groundwater Sample:</b>		Yes		No <u>XXX</u>		(If yes attach sample results)	
<b>I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.</b>							
<b>DATE</b>		<u>8-22-97</u>		<b>PRINTED NAME</b>		<u>JEFF CROSS</u>	
<b>SIGNATURE</b>		<u>Jeff Cross</u>		<b>AND TITLE</b>		<u>PROJECT MANAGER</u>	
<b>AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.</b>							
<b>APPROVED:</b>		YES <u>X</u>		NO		(REASON)	
<b>SIGNED:</b>		<u>Jeff Cross</u>		<b>DATE:</b>		<u>9-2-97</u>	