

District 11
1000 Rio Brazos Rd
Aztec, NM 87410

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

APR 10 1998

2040 S. PACHECO
Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator:	Apache Corporation		Telephone:	505-325-0318	
Address:	304 N. Behrend, Farmington, NM 87401				
Facility or Well Name:	Apache # 157 Pit #1				
Location:	Unit or Qtr/Qtr	Sec	T	R	County
	SW NE	4	24 N	4W	Rio Arriba
Pit Type:	Separator:	<input checked="" type="checkbox"/>	Dehydrator	<input type="checkbox"/>	Other <input type="checkbox"/>
Land Type:	Jicarilla Tribal				
Pit Location:	Begin Dimensions L <u>39'</u> W <u>30'</u> D <u>2.5'</u>				
(Attach diagram)	Pit Dimensions:	Length	<u>45'</u>	Width	<u>30'</u>
				Depth	<u>8'</u>
Reference:	Wellhead	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>	
Footage from reference:	<u>150'</u>				
Direction from reference:	<u>260</u> Degrees		East	North	
			XX West	South	XX
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)	0	
high water elevation of					
groundwater)					
Wellhead Protection Area:	Yes		(20 points)	20	
(Less than 200 feet from a private	No		(0 points)		
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)	0	
irrigation canals and ditches)					
RANKING SCORE (TOTAL POINTS)				20	

Date Remediation Started: 8/10/95 Date Completed: 6/13/97

Remediation Method: Excavatio XXX Approx. cubic yards 243
(Check all appropriate sections) Landfarmed X Insitu Bioremediation _____
Other _____

Remediation Location: Onsite X Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavate pit to 8', lay soil out on location.
Water, till, plow, and fertilize soil.

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 9/15/95 Sample Time 10:30 AM
Sample results
Benzene (ppm) ND
Total BTEX (ppm) ND
Field Headspace (ppm) 5
TPH ND

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 8-Aug-97 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 # 157 PIT # 1</u>			
Location:	Unit or Qtr/Qtr Sec	<u>SWNE SEC 4</u>	T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>
Pit Type:	Separator: <u>XX</u>	Dehydrator <u> </u>	Other <u> </u>
Land Type: <u>JIC. TRIBAL</u>			

Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>45'</u>	Width <u>30'</u>	Depth <u>8'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>	
	Footage from reference:	<u>150'</u>		
	Direction from reference:	<u>260</u> Degrees	<u>XX</u> East <u> </u> West	North of South <u>X</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>20</u>
	No	(0 points)	<u> </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>20</u>

Date Remediation Started:		<u>8/10/95</u>		Date Completed:		<u>6/13/97</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>290</u>	
		Landfarmed <u>XXX</u>		Insitu Bioremediation			
		Other					
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)		Onsite <u>XXX</u>		Offsite			
General Description of Remedial Action: <u>Excavate pit to 8', lay soil out on location.</u>							
<u>Water, till, plow, and fertilize soil.</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>10:30 AM</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>5</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>ND</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>7/24/97</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 M. Marshall</u>		DATE:		<u>7-30-97</u>	