

District III
1000 Rio Brazos Rd.
Santa Fe, NM 87410
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

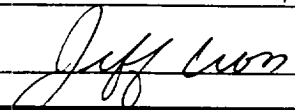
APR 10 1998

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 # 145</u>	<u>Pit #1</u>
Location: Unit or Qtr/Qtr Sec		<u>J</u>	<u>Sec 11 T 24 N R 4W</u> County <u>Rio Arriba</u>
Pit Type: Separator: _____		Dehydrator: _____	Other: <u>Drip Pit</u>
Land Type: _____		<u>Jicarilla Tribal</u>	
BEGINNING DIMENSIONS			
Pit Location: <u>END</u> Pit Dimensions:		Length <u>9'</u>	Width <u>9'</u> Depth <u>2'</u>
(Attach diagram)		Reference: Wellhead <u>X</u> Other _____	
Footage from reference:		<u>120'</u>	
Direction from reference:		<u>290</u> Degrees	East North <u>X</u> of 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)			
		RECEIVED	
		DEC 10 1997	
		OIL CON. DIV.	
		DIST. 3	
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:		<u>8/17/95</u>	Date Completed:		<u>6/30/97</u>
Remediation Method: (Check all appropriate sections)		Excavatio <u>XXX</u>	Approx. cubic yards		<u>36</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 14', 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>1:05 P.M.</u>
Sample results					
Benzene	(ppm)	<u>ND</u>			
Total BTEX	(ppm)	<u>0.6</u>			
Field Headspace	(ppm)	<u>2.68</u>			
TPH		<u>ND</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 # 145</u>		PIT # <u>1</u>	
Location:	Unit or Qtr/Qtr Sec <u>J</u>	SEC <u>11</u>	T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>DRIP PIT</u>
Land Type: <u>JIC. TRIBAL</u>			
Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>9'</u>	Width <u>9'</u> Depth <u>14'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>
	Footage from reference:	<u>120'</u>	
	Direction from reference:	<u>290</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: 8/17/95 Date Completed: 6/30/97

Remediation Method: (Check all appropriate sections)
Excavation XXX Approx. cubic yards 36
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 14', took PID readings. spread soil on location for remediation. Took soil samples.

Groundwater Encountered: No XXX 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 side walls, 10" into pit bottom.

Sample Date 9/15/95 Sample Time 1:05PM
Sample results

Soil:	Benzene	(ppm)	<u>ND</u>	Water:	Benzene	(ppb)	<u>NA</u>
	Total BTEX	(ppm)	<u>0.6</u>		Toluene	(ppb)	<u>NA</u>
	Field Headspace	(ppm)	<u>2.68</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>ND</u>		Total Xylenes	(ppb)	<u>NA</u>

Groundwater Sample: Yes _____ No XXX (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 7/25/97 PRINTED NAME JEFF CROSS

SIGNATURE Jeff Cross 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 X NO _____ (REASON) _____

SIGNED: Jeff Cross DATE: 9-2-97