

Dist. III
 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: Apache Corporation Telephone: 505-325-0318

Address: 2855 Southside River Road, Suite A, Farmington, NM 87401

Facility or Well Name: Apache # 27 Pit #1 _____

Location: Unit or Qtr/Qtr Sec I Sec 24 T 24 N R 4W County Rio Arriba

Pit Type: Separator: _____ Dehydrator _____ Other Blow Pit

Land Type: Jicarilla Tribal

BEGINNING DIMENSIONS

Pit Location: END Pit Dimensions: Length 21' Width 24' Depth 5.5'
 (Attach diagram)

Reference: Wellhead X Other _____

Footage from reference: 90'

Direction from reference: 174 Degrees X East North
 _____ West South XX

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

Remediation Method: Excavatio XXX Approx. cubic yards 55

(Check all appropriate sections) Landfarmed XX Insitu Bioremediation _____

Other _____

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

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

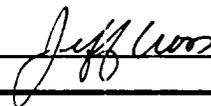
Field Headspace (ppm) 24.48

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: _____	Dehydrator: _____	Other: <u>BLOW PIT</u>	
Land Type: <u>JIC. TRIBAL</u>			
Pit Location: Pit Dimensions: Length <u>21'</u> Width <u>24'</u> Depth <u>10'</u>			
(Attach diagram)			
Reference: Wellhead <u>XXX</u>		Other _____	
Footage from reference: <u>90'</u>			
Direction from reference: <u>174</u> Degrees		<u>X</u> East	North
		_____ West	of 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)			
Distance to an Ephemeral Stream:	Less than 100 feet	(10 points)	_____
(Downgradient dry wash greater than	Greater than 100 feet	(0 points)	<u>0</u>
ten feet in width			
Distance to Nearest Lake, Playa, or Watering Pond:	Less than 100 feet	(10 points)	_____
(Downgradient lakes, playas and	Greater than 100 feet	(0 points)	<u>0</u>
livestock or wildlife watering ponds)			
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)			
Distance To Surface Water:	Less than 100 feet	(20 points)	_____
(Horizontal distance to perennial	100 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>10/18/95</u>	Date Completed:	<u>6/19/97</u>
Remediation Method: (Check all appropriate sections)	Excavation <u>XXX</u>	Approx. cubic yards	<u>55</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 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>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>
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 Mammell</u>	DATE:	<u>9-2-97</u>