

District III
1000
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

OCT. 28 1997

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: Apache Corporation Telephone: 505-325-0318
Address: 304 N. Behrend, Farmington, NM 87401
Facility or Well Name: Apache # 21 Pit #1
Location: Unit or Qtr/Qtr Sec J Sec 4 T 24 N R 4W County Rio Arriba
Pit Type: Separator: Dehydrator Other Blow Pit
Land Type: Jicarilla Tribal

Pit Location: Pit Dimensions: Length 21' Width 21' Depth 7'
(Attach diagram)
Reference: Wellhead X Other
Footage from reference: 100'
Direction from reference: 180 Degrees East of North
 West of 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)
(Less than 200 feet from a private No (0 points) 0
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) 0

RECEIVED
AUG 20 1997
OIL CON. DIV.
DIST. 3

Date Remediation Started:		<u>9/11/95</u>		Date Completed:		<u>9/11/95</u>	
Remediation Method: (Check all appropriate sections)		Excavation		<u>XXX</u>		Approx. cubic yards	
		Landfarmed		<u>NONE</u>		Insitu Bioremediation	
		Other					
Remediation Location:		Onsite		Offsite			
(i.e. landfarmed onsite, name and location of offsite facility)							
General Description of Remedial Action:		<u>Excavate pit to 7', took PID readings, readings low.</u>					
		<u>Took soil samples, results within closure limits. Put soil back into pit.</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>9/11/95</u>		Sample Time	
		Sample results				<u>2:00 PM</u>	
		Benzene		(ppm)		<u>ND</u>	
		Total BTEX		(ppm)		<u>ND</u>	
		Field Headspace		(ppm)		<u>ND</u>	
		TPH				<u>281</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>8-Aug-97</u>		PRINTED NAME		<u>Jeff Cross</u>	
SIGNATURE		<u>Jeff Cross</u>		AND TITLE		<u>Project Manager</u>	

District III

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

200 S. PACHECO

Santa Fe, New Mexico 87505

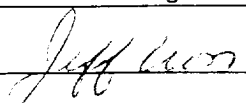
OCT 28 1997**PIT REMEDIATION AND CLOSURE REPORT***Approved*

Operator: <u>Apache Corporation</u>		Telephone: <u>505-325-0318</u>	
Address: <u>304 N. Behrend, Farmington, NM 87401</u>			
Facility or Well Name:		<u>Apache # 21 Pit #2</u>	
Location: Unit or Qtr/Qtr	Sec <u>J</u>	Sec <u>4</u>	T <u>24 N</u> R <u>4W</u> County <u>Rio Arriba</u>
Pit Type: Separator: _____	Dehydrator: _____	Other: <u>EPNG DRIP PIT</u>	
Land Type: <u>Jicarilla Tribal</u>			
Pit Location: (Attach diagram)	Pit Dimensions: Length <u>21'</u> Width <u>21'</u> Depth <u>11'</u>		
	Reference: Wellhead <u>X</u>	Other: _____	
	Footage from reference: <u>75'</u>		
	Direction from reference: <u>80</u> Degrees	<u>XX</u> East	North <u>X</u>
		West	South
Depth To Groundwater:			
(vertical distance from	Less than 50 feet	(20 points)	
contaminants to seasonal	50 feet to 99 feet	(10 points)	
high water elevation of	Greater than 100 feet	(0 points)	<u>0</u>
groundwater)			
Wellhead Protection Area:			
(Less than 200 feet from a private	Yes	(20 points)	
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 200 feet	(20 points)	
lakes, ponds, rivers, streams, creeks,	200 feet to 1000 feet	(10 points)	
irrigation canals and ditches)	Greater than 1000 feet	(0 points)	<u>0</u>
RANKING SCORE (TOTAL POINTS)		<u>0</u>	

Test 2 - 10/10/11
NOTES ON THE TEST

TEST # 100

1

Date Remediation Started:		<u>9/11/95</u>		Date Completed:		<u>9/11/95</u>	
Remediation Method: (Check all appropriate sections)		Excavation		<u>XXX</u>		Approx. cubic yards	
		Landfarmed		<u>NONE</u>		Insitu Bioremediation	
		Other					
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)		Onsite		<u></u>		Offsite	
General Description of Remedial Action:		<u>Excavate pit to 11', took PID readings, readings low.</u>					
		<u>Took soil samples, results within closure limits. Put soil back into pit.</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>9/11/95</u>		Sample Time	
		Sample results				<u>3:46 PM</u>	
		Benzene		(ppm)		<u>ND</u>	
		Total BTEX		(ppm)		<u>ND</u>	
		Field Headspace		(ppm)		<u>71.3</u>	
		TPH				<u>ND</u>	
Groundwater Sample:		Yes		<u></u>		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>8-Aug-97</u>		PRINTED NAME		<u>Jeff Cross</u>	
SIGNATURE		<u></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 # 21 PIT # 1</u>																												
Location:	Unit or Qtr/Qtr	Sec <u>J</u>	SEC 4 T 24N R 4W County <u>RIO ARRIBA</u>																									
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>BLOW PIT</u>																									
Land Type: <u>JIC. TRIBAL</u>																												
<table border="0" style="width: 100%;"> <tr> <td>Pit Location:</td> <td>Pit Dimensions:</td> <td>Length <u>21'</u></td> <td>Width <u>21'</u></td> <td>Depth <u>7'</u></td> </tr> <tr> <td>(Attach diagram)</td> <td>Reference:</td> <td>Wellhead <u>XXX</u></td> <td>Other <u> </u></td> <td></td> </tr> <tr> <td></td> <td>Footage from reference:</td> <td><u>100'</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Direction from reference:</td> <td><u>180</u> Degrees</td> <td><u> </u> East</td> <td>North <u> </u></td> </tr> <tr> <td></td> <td></td> <td></td> <td><u> </u> West</td> <td>South <u>X</u></td> </tr> </table>				Pit Location:	Pit Dimensions:	Length <u>21'</u>	Width <u>21'</u>	Depth <u>7'</u>	(Attach diagram)	Reference:	Wellhead <u>XXX</u>	Other <u> </u>			Footage from reference:	<u>100'</u>				Direction from reference:	<u>180</u> Degrees	<u> </u> East	North <u> </u>				<u> </u> West	South <u>X</u>
Pit Location:	Pit Dimensions:	Length <u>21'</u>	Width <u>21'</u>	Depth <u>7'</u>																								
(Attach diagram)	Reference:	Wellhead <u>XXX</u>	Other <u> </u>																									
	Footage from reference:	<u>100'</u>																										
	Direction from reference:	<u>180</u> Degrees	<u> </u> East	North <u> </u>																								
			<u> </u> West	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> </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:		<u>9/11/95</u>		Date Completed:		<u>9/11/95</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards			
		Landfarmed <u>NONE</u>		Insitu Bioremediation			
		Other					
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)		Onsite		Offsite			
General Description of Remedial Action: <u>Excavate pit to 7', took PID readings, readings low,</u> <u>took soil samples, results within closure limits.</u> <u>Put soil back into pit.</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>9/11/95</u>		Sample Time		<u>2:00 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>ND</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>281</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>7/25/97</u>		PRINTED NAME		<u>JEFF CROSS</u>	
SIGNATURE		<u><i>Jeff Cross</i></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><i>Keith M...</i></u>		DATE:		<u>7-30-97</u>	

Submit 1 copy to
Natural Resource Dept.
and Oil & Gas Administration

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 # 21 PIT # 2</u>			
Location:	Unit or Qtr/Qtr	Sec	<u>J SEC 4 T 24N R 4W</u> County <u>RIO ARRIBA</u>
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>EPNG DRIP PIT</u>
Land Type: <u>JIC. TRIBAL</u>			
Pit Location: Pit Dimensions: Length <u>21'</u> Width <u>21'</u> Depth <u>11'</u>			
(Attach diagram)			
Reference:		Wellhead <u>XXX</u>	Other <u> </u>
Footage from reference:		<u>75'</u>	
Direction from reference:		<u>80</u> Degrees	<u>XX</u> East North <u>X</u>
			West of South <u> </u>
Depth To Groundwater:		Less than 50 feet	(20 points) <u> </u>
(vertical distance from		50 feet to 99 feet	(10 points) <u> </u>
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) <u> </u>
(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) <u> </u>
(Downgradient lakes, playas and		Greater than 100 feet	(0 points) <u>0</u>
livestock or wildlife watering ponds)			
Wellhead Protection Area:		Yes	(20 points) <u> </u>
(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) <u> </u>
(Horizontal distance to perennial		100 feet to 1000 feet	(10 points) <u> </u>
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: 9/11/95 **Date Completed:** 9/11/95

Remediation Method: (Check all appropriate sections)
 Excavation XXX Approx. cubic yards _____
 Landfarmed NONE Insitu Bioremediation _____
 Other _____

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

General Description of Remedial Action: Excavate pit to 11', took PID readings, readings low, took soil samples, results within closure limits. Put soil back into pit.

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 9/11/95 Sample Time 3:46 PM
 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>71.3</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: *Karen C. Marshall* **DATE:** 7-30-97

DRAINAGE

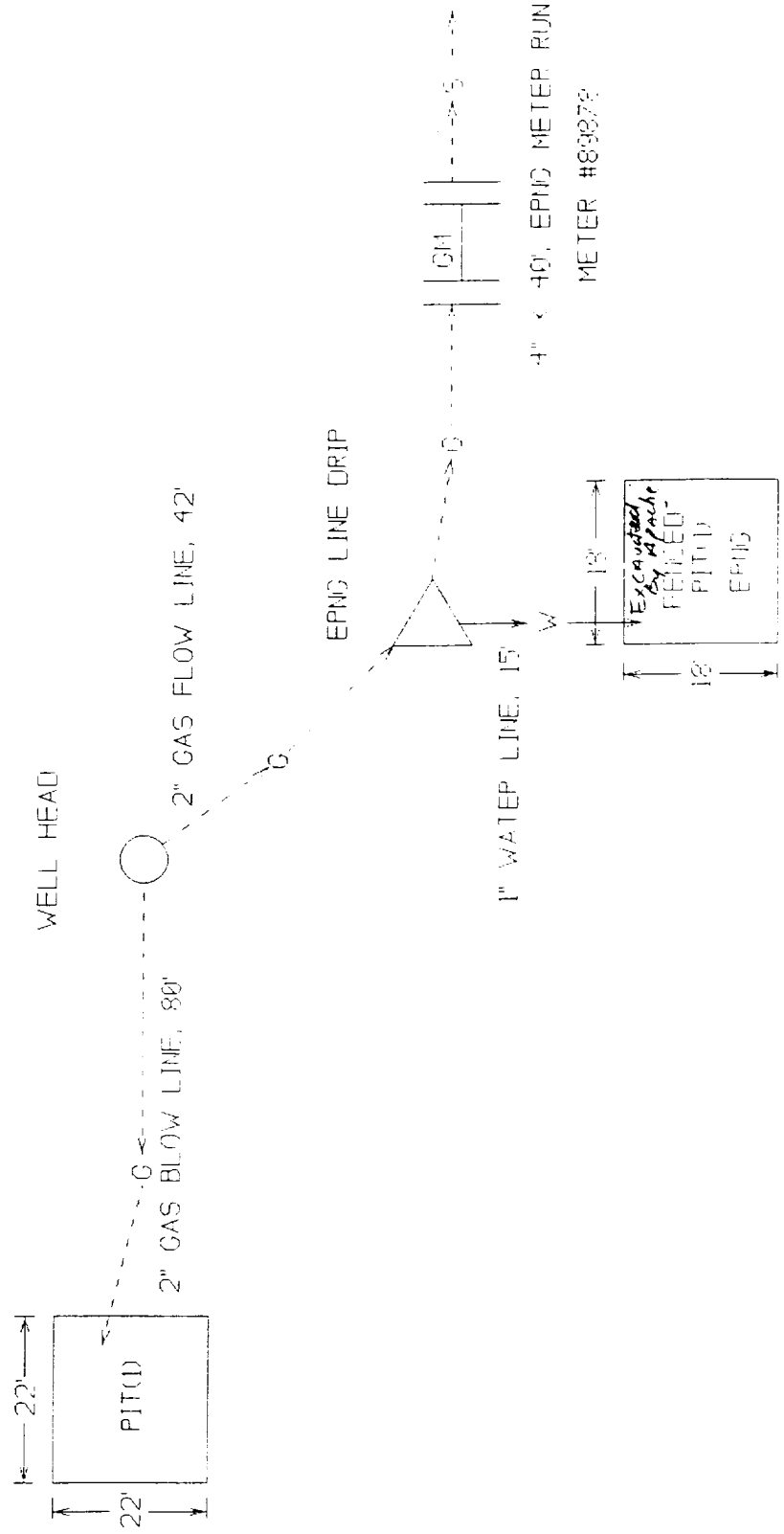
NORTH

APACHE

APACHE NUMBER 21

SECTION 4, TOWNSHIP 24N, RANGE 4W

RIO ARIBA COUNTY, NM



APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCATION: APACHE 21
PIT COUNT: 2

JICARILLA APACHE TRIBAL EPO
REVIEW AND APPROVAL

EPO REPRESENTATIVE K.C.
DATE OF REVIEW: 10/30/95

EXCAVATION								
DIMENSIONS		START		FINISH				CU.YDS.
	W'	L'	D'		W'	L'	D'	
PIT 1	21'	21'	3'	PIT 1	21'	21'	7'	70.0
PIT 2	21'	21'	5'	PIT 2	21'	21'	11'	85.0
PIT 3				PIT 3				
DATE: 09/11/95		PIT 1@ 07'	PIT 2@ 11'	PIT 3@	DATE: 10/01/95		PIT 1@	PIT 3@
P. I. D.	CENTER	0.0	152.1		P. I. D.	CENTER	0.0	
	NW CORNER	0.0	92.0			NW CORNER	0.0	
	NE CORNER	0.0	6.0			NE CORNER	0.0	
	SW CORNER	0.0	28.9			SW CORNER	0.0	
	SE CORNER	0.0	77.5			SE CORNER	0.0	

NOTES:

09/11/95 PIT 1 - Excavate to 7', no evidence of contamination.
09/11-12/95 PIT 2 - Odor to 9', continue excavation to 11', hit sandstone, center PID slightly elevated.

SOIL SAMPLING

DATE: 09/11/95		PIT 1@ 07'	PIT 2@ 11'	PIT 3@	ANALYSIS RESULTS			PER LAB:	ASSAIGAI
P. I. D.	CENTER	0.0	152.1		PIT NO.	TPH	BTEX	WITNESS	DATE
	NW CORNER	0.0	92.0						
	NE CORNER	0.0	6.0		1	281.0	ND	IF&S	09/11/95
	SW CORNER	0.0	28.9		2	ND	ND	IF&S	09/11/95
	SE CORNER	0.0	77.5						

RE-SAMPLE OR CELL(S) SAMPLE

DATE:		PIT 1@	PIT 2@	PIT 3@	ANALYSIS RESULTS			PER LAB:	
P. I. D.	CENTER				PIT NO.	TPH	BTEX	WITNESS	DATE
	NW CORNER								
	NE CORNER								
	SW CORNER								
	SE CORNER								

RE-SAMPLE OR CELL(S) SAMPLE

DATE:		PIT 1@	PIT 2@	PIT 3@	ANALYSIS RESULTS			PER LAB:	
P. I. D.	CENTER				PIT NO.	TPH	BTEX	WITNESS	DATE
	NW CORNER								
	NE CORNER								
	SW CORNER								
	SE CORNER								

TPH & BTEX ANALYSIS

Notes:

PID READINGS						Site Number: 21	Notes:
Date	Pit No.	Interval (Depth)	Location	Reading (ppm)			
09/11/95	1	7'	Center	0			Start depth: 3 feet. Dug down 4 foot, took samples an PID readings.
09/11/95	1	7'	Bottom, N.W. Corner	0			
09/11/95	1	7'	Bottom, N.E. Corner	0			
09/11/95	1	7'	Bottom, S.W. Corner	0			
09/11/95	1	7'	Bottom, S.E. Corner	0			
09/11/95	2	9'	Center	1290			Unsure if this is a condensate or a drip pit based upon location, designated the site hydrocarbon. Corners cleaned up very well. However the center samples still have a strong odor.
09/11/95	2	9'	Bottom, N.W. Corner	0			
09/11/95	2	9'	Bottom, N.E. Corner	0			
09/11/95	2	9'	Bottom, S.W. Corner	0			
09/11/95	2	9'	Bottom, S.E. Corner	114			
09/12/95	2	11'	Center	152.1			Excavated an additional two feet encountered a light gray, sandstone with a strong odor. Stopped excavation to let pit bottom aerate.
09/12/95	2	11'	Bottom, N.W. Corner	92			
09/12/95	2	11'	Bottom, N.E. Corner	6.0			
09/12/95	2	11'	Bottom, S.W. Corner	28.9			
09/12/95	2	11'	Bottom, S.E. Corner	77.5			
						Spread Soil for Remediation	

Lab ID: 9509145-07A
Sample ID: AP# 15

Collected: 09/11/95 14:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
O-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074

Lab ID: 9509145-07B
Sample ID: AP# 15

Collected: 09/11/95 14:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	ND	mg/Kg	5.0	1.0	09/27/95	SLFTD46
HCs DSL XT/CAL DHS 8015M	09/21/95	N/A				

Lab ID: 9509145-08A
Sample ID: AP# 21-C

Collected: 09/11/95 15:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Toluene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
O-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074

Lab ID: 9509145-08B
Sample ID: AP# 21-C

Collected: 09/11/95 15:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	28B	mg/Kg	5.0	1.0	09/27/95	SLFTD46
HCs DSL XT/CAL DHS 8015M	09/21/95	N/A				

Lab ID: 9509145-09A
Sample ID: AP# 21H

Collected: 09/11/95 15:46:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Toluene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074

Lab ID: 9509145-09A
Sample ID: AP# 21H

Collected: 09/11/95 15:46:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A O-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074

Lab ID: 9509145-09B
Sample ID: AP# 21H

Collected: 09/11/95 15:46:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel	ND	mg/Kg	5.0	1.0	09/27/95	SLFTD46
HCs DSL XT/CAL DHS 8015M	09/21/95	N/A				

Lab ID: 9509145-10A
Sample ID: AP# 30

Collected: 09/12/95 10:40:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
V/SW846 8020A Benzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Toluene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
O-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074

Lab ID: 9509145-10B
Sample ID: AP# 30

Collected: 09/12/95 10:40:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel	ND	mg/Kg	5.0	10	09/27/95	SLFTD46
HCs DSL XT/CAL DHS 8015M	09/21/95	N/A				

Lab ID: 9509145-11A
Sample ID: AP# 108

Collected: 09/12/95 15:10:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A Benzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Toluene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
n-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074
p-Xylene	ND	mg/Kg	0.0010	5.0	09/20/95	SBTXME074



SAIGAL
ANALYTICAL
LABORATORIES

Chain of Custody Record

7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 87110
(505) 345-8964

Lab job no.: T115 Date: 6/7/95
Page: 6 of 7
Client: Apache Corp.
Address: 304 N. Behrend
City/State/Zip: Farmington NM 87401
Project Manager / Contact: John Taylor
Telephone No.: 325-0318
Fax No.: 325-0325
Project Name / Number: Pt Remediation 95017
Samplers: (Signatures) [Signature]
Contract / Purchase Order / Quote: _____

REC-137 WEDGEWOOD
EL PASO TEXAS 79925
(915) 596-8001
OCT 5 1995
MELQUIADES ALANIS
6411 LOCAL UNO
CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320
Analysis Required: _____

LAL FRAC- TION NUMBER	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation		No. of Containers
						Temp.	Chemical	
0711	AP # 15	9/11	2:15	Soil	Glass	50°	ICE	1
0713	AP # 15	9/11	2:15					1
0714	AP # 21 C		3:00					1
0715	AP # 21 C		3:00					1
0716	AP # 21 H		3:46					1
0717	AP # 21 H		3:46					1
0718	AP # 30	9/12	10:40					1
0719	AP # 30	9/12	10:40					1
0720	AP # 108		3:10					1
0721	AP # 108		3:10					1
0722	AP # 11	9/13	2:13					1
0723	AP # 11	9/13	2:13					1

Relinquished by: Signature: <u>[Signature]</u> Printed: <u>John Taylor</u> Company: <u>Apache</u> Reason: _____	Received by: Signature: <u>[Signature]</u> Printed: <u>John Taylor</u> Company: <u>Apache</u> Reason: _____
Date: <u>9/13/95</u> Time: <u>7:50 PM</u>	Date: <u>9/13/95</u> Time: <u>7:50 AM</u>
Method of Shipment: _____ Shipment No.: _____ Special Instructions: _____	After analysis, samples are to be: <input type="checkbox"/> Disposed of (additional fee) <input type="checkbox"/> Stored (30 days max) <input type="checkbox"/> Stored over 30 days (additional fee) <input type="checkbox"/> Returned to customer