

Samy & Frost
District III

DEPUTY OIL & GAS INSPECTOR

Aztec, NM 87410

APR 10 1998

State of New Mexico

Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. PACHECO

Santa Fe, New Mexico 87505

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

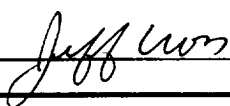
PIT REMEDIATION AND CLOSURE REPORT

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 # 26</u>	<u>Pit #2</u>
Location: Unit or Qtr/Qtr Sec		<u>L</u> <u>Sec 13</u> <u>T 24 N</u> <u>R 4W</u>	County <u>Rio Arriba</u>
Pit Type: Separator: _____		Dehydrator _____	Other <u>Blow Pit</u>
Land Type: <u>Jicarilla Tribal</u>			
Beginning Dimensions			
Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>21'</u>	Width <u>21'</u> Depth <u>5'</u>
	Reference:	Wellhead <u>X</u>	Other _____
	Footage from reference:	<u>150'</u>	
	Direction from reference:	<u>165</u> Degrees <u>X</u> East	North _____
		_____ West	South <u>XX</u>
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>	

RECEIVED
DEC 10 1997
OIL CON. DIV.
DIST. 3

Date Remediation Started:	<u>11/2/95</u>	Date Completed:	<u>6/19/97</u>
Remediation Method: (Check all appropriate sections)	Excavation <u>XXX</u>	Approx. cubic yards	<u>87</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 5', 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>11/2/95</u>	Sample Time
	Sample results	<u>2:00 P.M.</u>	
	Benzene	(ppm)	<u>ND</u>
	Total BTEX	(ppm)	<u>ND</u>
	Field Headspace	(ppm)	<u>48.14</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 # 26</u>		PIT # <u>2</u>	
Location:	Unit or Qtr/Qtr Sec <u>L</u>	SEC <u>13</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>21'</u>	Width <u>21'</u> Depth <u>5'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>
	Footage from reference:	<u>150'</u>	
	Direction from reference:	<u>165</u> Degrees	<u>X</u> East of South <u>XX</u>
		<u> </u> West	
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>11/2/95</u>		Date Completed:		<u>6/19/97</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>87</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 5', took PID readings. spread soil on</u>							
<u>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>11/2/95</u>		Sample Time		<u>2:00PM</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>48.14</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>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>Jeff Cross</u>		DATE:		<u>9-2-97</u>	

NORTH DRAINAGE

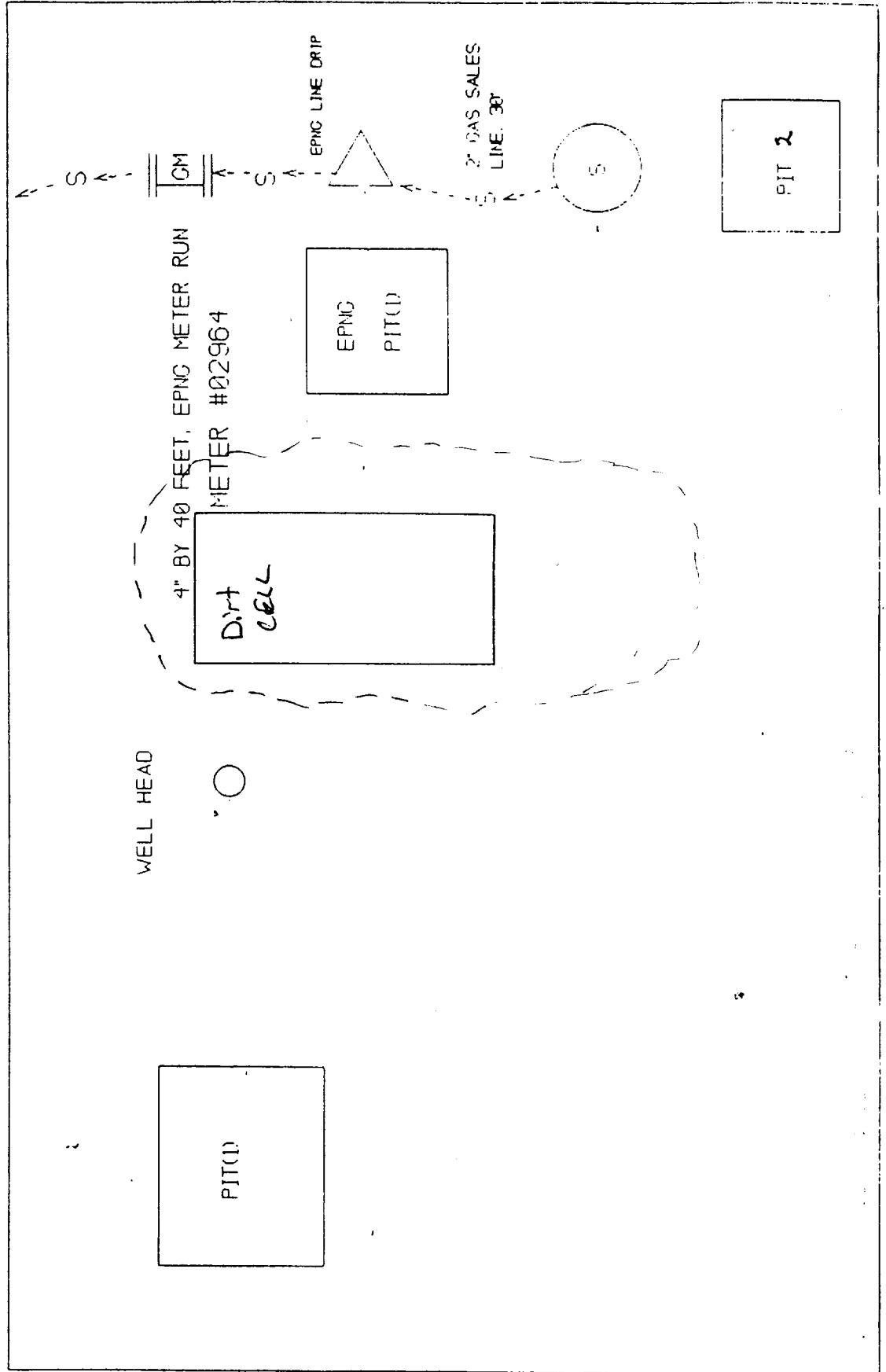
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AREA

APACHE

APACHE NUMBER 26

SECTION 13, TOWNSHIP 24N, RANGE 4W

RIO ARriba COUNTY, NM



APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

JICARILLA APACHE TRIBAL EPO
REVIEW AND APPROVAL

EPO REPRESENTATIVE *ly*
DATE OF REVIEW: 12-27-95

LOCATION: APACHE 26

PIT COUNT: 2

EXCAVATION									
DIMENSIONS		START			FINISH				
	W'	L	D		W	L	D	CU.YDS.	
PIT 1	24.0	24.0	6.0	PIT 1	24.0	24.0	9.0		
PIT 2	21.0	21.0	0.0	PIT 2	21.0	21.0	5.0	130.0	
PIT 3				PIT 3					
DATE: 11/02/95		PIT1@ 09'	PIT2@ 05'	PIT3@ _____'	DATE: 11/30/95		PIT1@ 09'	PIT2@ _____'	PIT3@ _____'
P. I. D.	CENTER	2.0	90.1		P. I. D.	CENTER	11.3		
	NW CORNER	4.2	57.1			NW CORNER	0.0		
	NE CORNER	3.3	75.5			NE CORNER	0.0		
	SW CORNER	2.4	6.8			SW CORNER	0.0		
	SE CORNER	109.0	11.2			SE CORNER	2.8		

NOTES:

11/02/95 - PIT 1 - Sandstone w/lt. staining to 8'
PIT 2 - Sandstone, no visual staining w/light odor.

SOIL SAMPLING

DATE: 11/02/95			PIT1@ 09'	PIT2@ 05'	PIT3@ ' '	ANALYSIS RESULTS			PER LAB: ASSAIGAI
P. I. D.	CENTER		2.0	90.1		PIT	TPH	BETEX	WITNESS
	NW CORNER		4.2	57.1		NO.			DATE
	NE CORNER		3.3	75.5		1	ND	ND	IF&S
	SW CORNER		2.4	6.8		2	ND	ND	IF&S
	SE CORNER		109.0	11.2		3			

RE-SAMPLE OR CELL(S) SAMPLE

DATE: 11/30/95			PIT1@ 09'	PIT2@ ' '	PIT3@ ' '	ANALYSIS RESULTS			PER LAB:
P. I. D.	CENTER		11.3			PIT	TPH	BETEX	WITNESS
	NW CORNER		0.0			NO.			DATE
	NE CORNER		0.0			1	55.0	ND	JDT
	SW CORNER		0.0			2			
	SE CORNER		2.8			3			

RE-SAMPLE OR CELL(S) SAMPLE

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

Lab ID: 9512029-16A
Sample ID: AP #129

Collected: 11/30/95 13:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Ethylbenzene	1.3	mg/Kg	0.0010	500	12/06/95	SBTXME093
P-&m-Xylene	2.7	mg/Kg	0.0010	500	12/06/95	SBTXME093
O-Xylene	0.56	mg/Kg	0.0010	500	12/06/95	SBTXME093

Lab ID: 9512029-16B
Sample ID: AP #129

Collected: 11/30/95 13:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	2500	mg/Kg	5.0	250	12/07/95	SLFTD053
HCs DSL XT/CAL DHS 8015M	12/05/95	N/A				

Lab ID: 9512029-17A
Sample ID: AP #26-H Pit #1

Collected: 11/30/95 13:32:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	500	12/06/95	SBTXME093
Toluene	ND	mg/Kg	0.0010	500	12/06/95	SBTXME093
Ethylbenzene	ND	mg/Kg	0.0010	500	12/06/95	SBTXME093
P-&m-Xylene	ND	mg/Kg	0.0010	500	12/06/95	SBTXME093
O-Xylene	ND	mg/Kg	0.0010	500	12/06/95	SBTXME093

Lab ID: 9512029-17B Pit #1
Sample ID: AP #26-H

Collected: 11/30/95 13:32:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	55	mg/Kg	5.0	5.0	12/06/95	SLFTD053
HCs DSL XT/CAL DHS 8015M	12/05/95	N/A				

Lab ID: 9512029-18A
Sample ID: AP #149-H

Collected: 11/30/95 14:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	500	12/06/95	SBTXME093
Toluene	ND	mg/Kg	0.0010	500	12/06/95	SBTXME093
Ethylbenzene	ND	mg/Kg	0.0010	500	12/06/95	SBTXME093
P-&m-Xylene	ND	mg/Kg	0.0010	500	12/06/95	SBTXME093

ab ID: 9511144-07A
Sample ID: AP #149-H

Collected: 11/06/95 17:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846.8020A						
Ethylbenzene	ND	mg/Kg	0.0010	250	11/21/95	SBTXME089
P-&m-Xylene	ND	mg/Kg	0.0010	250	11/21/95	SBTXME089
O-Xylene	ND	mg/Kg	0.0010	250	11/21/95	SBTXME089

Lab ID: 9511144-07B
Sample ID: AP #149-H

Collected: 11/06/95 17:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCS DIESEL/CAL DHS 8015M						
Diesel	ND	mg/Kg	5.0	50	11/18/95	SLFTD051
HCS DSL XT/CAL DHS 8015M	11/16/95	N/A				

Lab ID: 9511144-08A
Sample ID: AP #117-H

Collected: 11/07/95 12:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	11/17/95	SBTXME087
Toluene	ND	mg/Kg	0.0010	5.0	11/17/95	SBTXME087
Ethylbenzene	ND	mg/Kg	0.0010	5.0	11/17/95	SBTXME087
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	11/17/95	SBTXME087
O-Xylene	ND	mg/Kg	0.0010	5.0	11/17/95	SBTXME087

Lab ID: 9511144-08B
Sample ID: AP #117-H

Collected: 11/07/95 12:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCS DIESEL/CAL DHS 8015M						
Diesel	2000	mg/Kg	5.0	50	11/18/95	SLFTD051
HCS DSL XT/CAL DHS 8015M	11/16/95	N/A				

Lab ID: 9511144-09A
Sample ID: AP #26-H pit #2

Collected: 11/02/95 14:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
PTEX/SW846 8020A						
zene	ND*	mg/Kg	0.0010	5.0	11/16/95	SBTXME087
toluene	ND*	mg/Kg	0.0010	5.0	11/16/95	SBTXME087
Ethylbenzene	ND*	mg/Kg	0.0010	5.0	11/16/95	SBTXME087
P-&m-Xylene	ND*	mg/Kg	0.0010	5.0	11/16/95	SBTXME087

Lab ID: 9511144-09A
Sample ID: AP #26-H pit #2

Collected: 11/02/95 14:00:00
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	11/16/95	SBTXME087

Lab ID: 9511144-09B
Sample ID: AP #26-H pit #2

Collected: 11/02/95 14:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCS DIESEL/CAL DHS 8015M Diesel	ND*	mg/Kg	5.0	5.0	11/18/95	SLFTD051
HCS DSL XT/CAL DHS 8015M	11/16/95	N/A				

Lab ID: 9511144-10A
Sample ID: AP #26-C pit #1

Collected: 11/02/95 13:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND*	mg/Kg	0.0010	5.0	11/16/95	SBTXME087
Toluene	ND*	mg/Kg	0.0010	5.0	11/16/95	SBTXME087
Ethylbenzene	ND*	mg/Kg	0.0010	5.0	11/16/95	SBTXME087
P-&m-Xylene	ND*	mg/Kg	0.0010	5.0	11/16/95	SBTXME087
O-Xylene	ND*	mg/Kg	0.0010	5.0	11/16/95	SBTXME087

Lab ID: 9511144-10B
Sample ID: AP #26-C pit #1

Collected: 11/02/95 13:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCS DIESEL/CAL DHS 8015M Diesel	52B*	mg/Kg	5.0	5.0	11/18/95	SLFTD051
HCS DSL XT/CAL DHS 8015M	11/16/95	N/A				

Lab ID: 9511144-11A
Sample ID: #153-C

Collected: 11/14/95 11:50:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	1250	11/17/95	SBTXME087
Toluene	3.9	mg/Kg	0.0010	1250	11/17/95	SBTXME087
Ethylbenzene	2.9	mg/Kg	0.0010	1250	11/17/95	SBTXME087
P-&m-Xylene	21	mg/Kg	0.0010	1250	11/17/95	SBTXME087
O-Xylene	6.0	mg/Kg	0.0010	1250	11/17/95	SBTXME087



7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 87
(505) 345-8964

Labelling: 55111 Date: 11/11

3332 WFDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

Page 2 of 3

Client Almike Corporation Project Manager/Contact John Taylor

Address 204 N. P. Howard Telephone No. (505) 325-0318

City/State/Zip Washington, N.W. 20541 Fax No. (505) 325-0325

Project Name / Number D-1 ~~Base~~ Remediation 75017 Samplers: (Signature) _____

Contract / Purchase Order / Quote _____

AAL FRONT NUMBER	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation	
						Temp.	Chemical
251A	AP #1 119-H	11/6	5:30	Seal	4 oz Glass		Ice
B	AP #1 119-H	11/6	5:30				
228A	AP # 117-H	11/7	12:30				
B	AP # 117-H	11/7	12:30				
391A	AP # 26-H	11/8	2:00				
B	AP # 26-H	11/8	2:00				
101A	AP # 26-C	11/2	1:30				
B	AP # 26-C	11/2	1:30				
111A	# 153-C	11/14	11:50				
B	# 153-C	11/14	11:50				
126A	# 153-H	11/14	11:00				
B	# 153-H	11/14	11:00				

Relinquished by:		Received by:		Date	
Signature	Signature	Signature	Signature	Time	Time
Printed	Printed	Printed	Printed		
Company	Company	Company	Company		
Reason	Reason	Reason	Reason		

Date 11/16/55	Received by: <u>Laura M Campbell</u>
	Signature <u>Laura M Campbell</u>
Time 8:05	Printed <u>Laura M Campbell</u>
	Company <u>APC</u>
Reason _____	

Method of Shipment: _____	Comments: _____ _____ _____
Shipment No. _____	
Special Instructions: _____	

After analysis, samples are to be:

☐ Disposed of (additional fee)

☐ Stored (30 days max)

☐ Stored over 30 days (additional fee)

☐ Returned to customer

COURIER

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

ON-SITE SOIL REMEDIATION REPORT

Operator: <u>APACHE CORPORATION</u> Telephone <u>505-325-0318</u>	
Address: <u>304 N. BEHREND, FARMINGTON, N.M. 87401</u>	
Facility or Well Name: <u>APACHE # 26</u>	
Location: Unit or Qtr/Qtr Sec <u>L</u> Sec13 T 24N R 4W County <u>RIO ARRIBA</u>	
Land Type <u>JIC. TRIBAL</u>	
Date Remediation Started: <u>11/2/95</u> Date Completed: <u>6/19/97</u>	
Remediation Method: Landfarmed <u>XXX</u> Approx. cubic yards <u>130</u>	
Composted _____	
Other _____	
Depth to Groundwater: (pts) <u>0</u>	Final Closure Sampling Sampling Date: <u>6/19/97</u> Time: <u>2:00PM</u> Sample Results: Field Headspace (ppm) <u>0.2</u> TPH (ppm) <u>ND</u> Method <u>M8015</u> Other <u>BTEX \ SW846 , 8020A (ND)</u>
Distance to an Ephemeral Stream: (pts) <u>0</u>	
Distance to Nearest Lake, Playa, or Watering Pond: (pts) <u>0</u>	
Wellhead Protection Area: (pts) <u>0</u>	
Distance To Surface Water: (pts) <u>0</u>	
RANKING SCORE (TOTAL POINTS) <u>0</u>	
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> TITLE <u>PROJECT MANAGER</u>	
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION. ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.	
APPROVED: YES <u>X</u> NO _____ (REASON) _____	
SIGNED: <u>Kearl Mammill</u> DATE: <u>9-2-97</u>	

APACHE CORPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDICATION SITE APACHE # 26

* AMOUNT OF SOIL UNDERGOING REMEDIATION 130 Yds.

CELL No. <u>1</u>	SampDATE 6/19/97	TPH ND	BTEX ND
DIMENSIONS(LxWxH) <u>70' L X 50' W X 12" H</u>			
CELL LOCATION (dir. from well head) <u>EAST</u>			
* DATE BEGAN: <u>11/2/95</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>6/19/97</u>			
CELL No. <u>2</u>	SampDATE	TPH	BTEX
DIMENSIONS(LxWxH)			
CELL LOCATION (dir. from well head)			
* DATE BEGAN:			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm)			
CELL No. <u>3</u>	SampDATE	TPH	BTEX
DIMENSIONS(LxWxH)			
CELL LOCATION (dir. from well head)			
* DATE BEGAN:			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm)			
REMEDICATION RECORD: (Date, Treatment, Tilling)			
6/12/97 TREAT WITH 46-0-0 FERTILIZER, WATER AND TILL CELL.			
6/18/97 TILL CELL.			

From excavation reports.

WELL NAME:

Apache # 36

SAMPLE DATE:

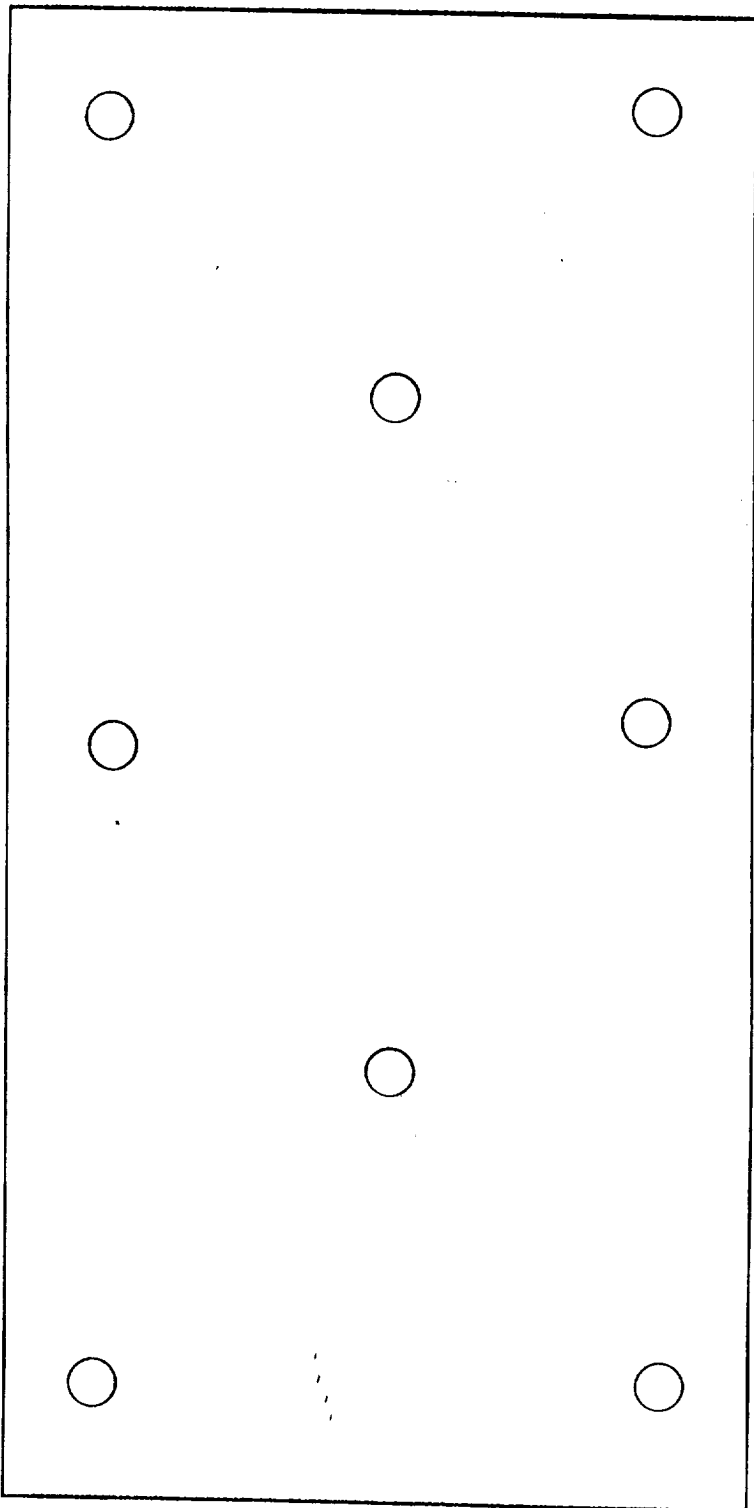
6-19-97

DIMENSIONS:

70' L x 50' W x 12" H



= SAMPLE AREA

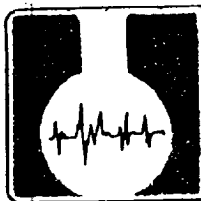


NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL

8 Point composite sample

PID composite Reading. 0.2 ppm.



**ASSAIGAI
ANALYTICAL
LABORATORIES, INC.**

7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, E-5 • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

JUL 21 1997

Report Generated:
June 30, 1997 16:13

**CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE**

SENT APACHE CORPORATION
TO: 304 N. BEHREND
FARMINGTON, NM 87401

WORKORDER # : 9706228
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 06/23/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9706228-01A
Sample ID: APACHE #26 CELL

Collected: 06/19/97 14:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A	ND	mg/kg	0.0050	100	06/25/97	SBTXME172
Benzene	ND	mg/kg	0.0050	100	06/25/97	SBTXME172
Toluene	ND	mg/kg	0.0050	100	06/25/97	SBTXME172
Ethylbenzene	ND	mg/kg	0.010	100	06/25/97	SBTXME172
P-&m-Xylene	ND	mg/kg	0.0050	100	06/25/97	SBTXME172
O-Xylene	ND	mg/kg	0.0050	100	06/25/97	SBTXME172

Lab ID: 9706228-01B
Sample ID: APACHE #26 CELL

Collected: 06/19/97 14:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015	ND	mg/Kg	50	25	06/28/97	SDR0037
Diesel Range OG in Soil						

William P. Biava
William P. Biava
President



WORKORDER COMMENTS

DATE : 06/30/97
WORKORDER:

DEFINITIONS/DATA QUALIFIERS

The following are definitions, abbreviations, and data qualifiers which may have been utilized in your report:

- ND = Analyte "not detected" in analysis at the sample specific detection limit.
- D_F = Sample "dilution factor"
- NT = Analyte "not tested" per client request.
- B = Analyte was also detected in laboratory method QC blank.
- E = Analyte concentration (result) is an estimated value or exceeds analysis calibration range.
- LIMIT = The minimum amount of the analyte that AAL can detect utilizing the specified analysis.

Please Note: Multiply the "Limit" value (AAL's Detection Limit) by Dilution Factor (D_F) to obtain the sample specific Detection Limit.

REPORT COMMENTS



7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 87105
(505) 345-81

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

1910 N. BIG SPRING
MIDLAND, TEXAS 79705
(915) 570-1116

MELQUIADES ALANIS
6411 LOCAL UNO
LA PAZ CHIHUAHUA ME

[illegible][illegible]

Relinquished by:		Received by:		Relinquished by:		Received by:		After analysis, samples are to be:	
Signature	Date	Signature	Date	Signature	Date	Signature	Date		
<i>[Signature]</i>	6-23-97	<i>[Signature]</i>	6-23-97	<i>[Signature]</i>	6-23-97	<i>[Signature]</i>	6-23-97	☐ Disposed of (additional fee)	☐ Disposed of (additional fee)
Printed		Printed		Printed		Printed		☐ Stored (30 days max)	☐ Stored (30 days max)
Company		Company		Company		Company		☐ Stored over 30 days (additional fee)	☐ Stored over 30 days (additional fee)
Reason		Reason		Reason		Reason		☐ Returned to customer	☐ Returned to customer

LABORATORY