

Y. F. ...
DEPARTMENT OF ...

1918 X S 100

Date Remediation Started: 9/1/95 Date Completed: 9/1/95

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

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

General Description of Remedial Action: Excavate pit to 4', took PID readings, readings low.

Took soil samples, results within closure limits. Put soil back into pit.

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 9/1/95 Sample Time 3:30 PM

Sample results

Benzene (ppm) ND

Total BTEX (ppm) ND

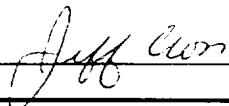
Field Headspace (ppm) ND

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 # 24</u>			
Location:	Unit or Qtr/Qtr Sec <u>A</u>	SEC <u>14</u>	T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>BLOW PIT</u>
Land Type: <u>JIC. TRIBAL</u>			
Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>14'</u>	Width <u>14'</u> Depth <u>4'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>
	Footage from reference:	<u>90'</u>	
	Direction from reference:	<u>125</u> Degrees <u>XX</u> East	North <u> </u>
		<u> </u> West	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> </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: 9/1/95 Date Completed: 9/2/95

Remediation Method: Excavation XXX Approx. cubic yards _____
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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 9/1/95 Sample Time 3:30 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>ND</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

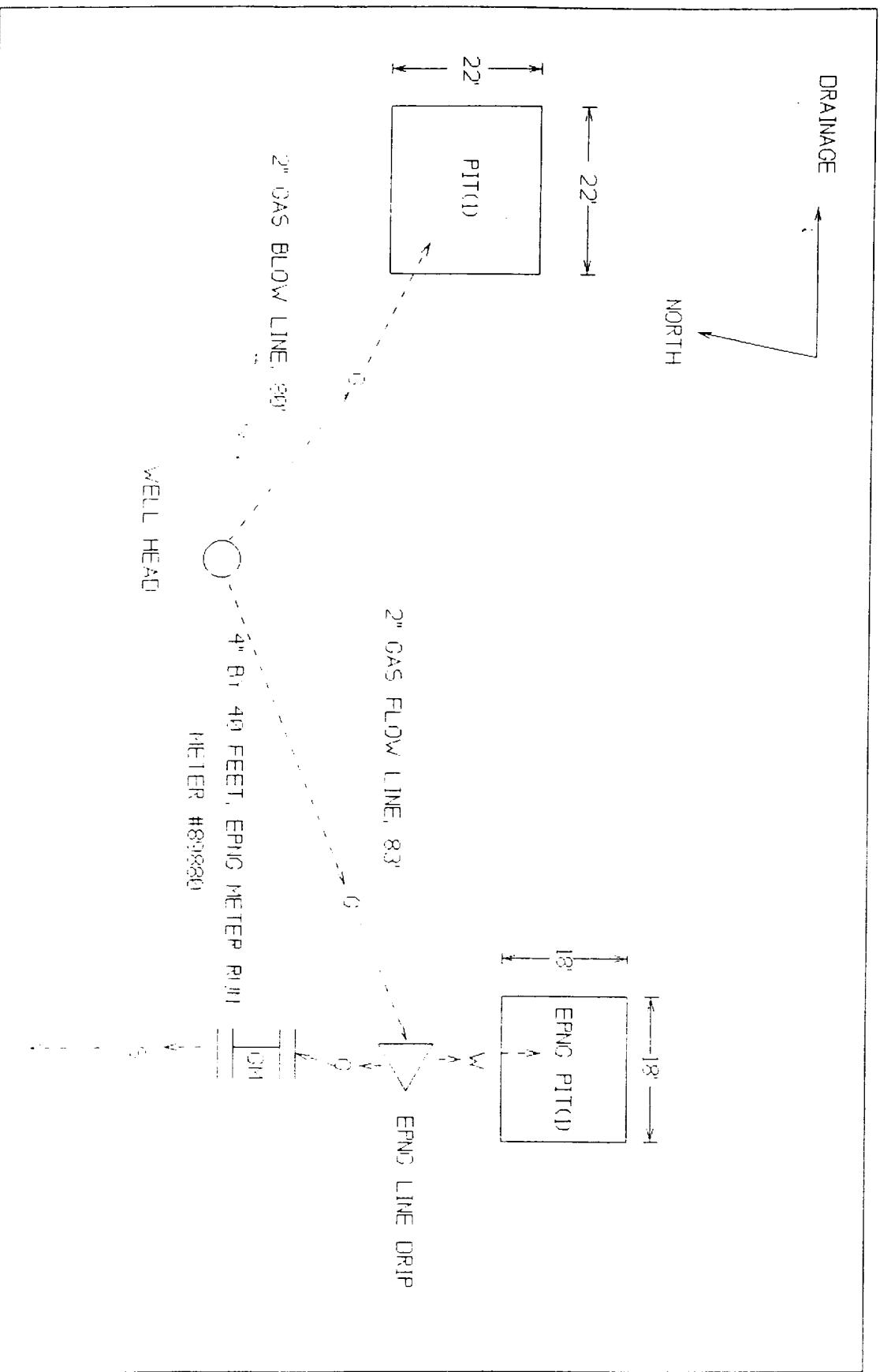
SIGNATURE Jeff Cross AND TITLE PROJECT MANAGER

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: Keith M... DATE: 7-30-97

APACHE
APACHE NUMBER 24
SECTION 14, 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 K.C.
DATE OF REVIEW: 10/30/95

LOCATION: APACHE 24
PIT COUNT: 1

		EXCAVATION							
DIMENSIONS		START		FINISH					
	W'	L'	D'		W'	L'	D'	CU.YDS.	
PIT 1	14'	14'	3'	PIT 1	14'	14'	4'	7.0	
PIT 2				PIT 2					
PIT 3				PIT 3					
DATE: 09/01/95		PIT 1@ 04'	PIT 2@	PIT 3@	DATE:	PIT 1@	PIT 2@	PIT 3@	
P. I. D.	CENTER	0.0			P.	CENTER			
	NW CORNER	0.0			P.	NW CORNER			
	NE CORNER	0.0			I.	NE CORNER			
	SW CORNER	0.0			D.	SW CORNER			
	SE CORNER	0.0				SE CORNER			

NOTES:

09/01/95 Excavate to 4', no evidence of contamination.

SOIL SAMPLING

DATE: 09/01/95		PIT 1@ 04'	PIT 2@	PIT 3@	ANALYSIS RESULTS			PER LAB:	ASSAIGAI
P. I. D.	CENTER	0.0			PIT	TPH	BTEX	WITNESS	DATE
	NW CORNER	0.0			NO.				
	NE CORNER	0.0			1	ND	ND	IF&S	09/01/95
	SW CORNER	0.0							
	SE CORNER	0.0							

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	TPH	BTEX	WITNESS	DATE
	NW CORNER				NO.				
	NE CORNER								
	SW CORNER								
	SE CORNER								

PIT CLOSURE STATUS REPORT (CONFIDENTIAL)

Date: 09/0295

Well Number: APACHE #24 KC

KC 10/30/95

Proj. Number: 95017

Date Start: 09/01/95

Number of Pits: 1

Date Finished: 09/02/95

DIMENSIONS & YARDAGE

1	Type:	H		C	X	Dimensions Pit 1 Start:	14' X 14' X 3'	Dimensions Pit 1 Finished:	14' X 14' X 4'
2	Type:	H		C		Dimensions Pit 2 Start:		Dimensions Pit 2 Finished:	
3	Type:	H		C		Dimensions Pit 3 Start:		Dimensions Pit 3 Finished:	
Total Cu. Yards Removed:							7	Total Liquids Removed:	0

TPH & BTEX ANALYSIS

[illegible]

Notes:

[illegible]

SEP 25 1995

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Lab ID: 9509064-05A
Sample ID: AP# 24

Collected: 09/01/95 15:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316
Toluene	ND	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316
P-&m-Xylene	ND	mg/Kg	0.0020	5.0	09/12/95	SMSVOA316
O-Xylene	ND	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316

Lab ID: 9509064-05B
Sample ID: AP# 24

Collected: 09/01/95 15:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	ND	mg/Kg	5.0	10	09/14/95	SLFTD042
HCs DSL XT/CAL DHS 8015M	09/11/95	N/A				

Lab ID: 9509064-06A
Sample ID: AP# 111

Collected: 09/05/95 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	09/15/95	SMSVOA318
Toluene	ND	mg/Kg	0.0010	5.0	09/15/95	SMSVOA318
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/15/95	SMSVOA318
P-&m-Xylene	ND	mg/Kg	0.0020	5.0	09/15/95	SMSVOA318
O-Xylene	ND	mg/Kg	0.0010	5.0	09/15/95	SMSVOA318

Lab ID: 9509064-06B
Sample ID: AP# 111

Collected: 09/05/95 15:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	ND	mg/Kg	5.0	100	09/15/95	SLFTD042
HCs DSL XT/CAL DHS 8015M	09/11/95	N/A				

Lab ID: 9509064-07A
Sample ID: AP# 12

Collected: 09/07/95 11:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	10	09/15/95	SMSVOA318
Toluene	ND	mg/Kg	0.0010	10	09/15/95	SMSVOA318



Chain of Custody Record

Lab job no.: 9064 Date: 1 of 2

Client: Apache Corp.
Address: 304 N. Behrend
City/State/Zip: Farlington, N.M. 87401
Project Name / Number: Pit Remediation 15017
Contract / Purchase Order / Quote: _____

Project Manager / Contact: John Taylor
Telephone No.: (505) 325-0318
Fax No.: (505) 325-0328

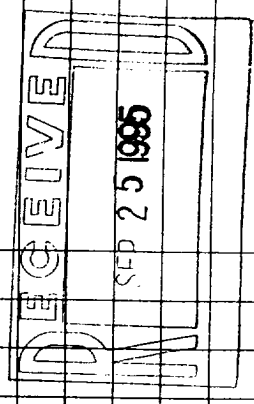
Samplers: (Signature) [Signature]

7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 87111
(505) 345-8964

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

MELQUIADES ALANIS
6411 LOCAL UNO
CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

AAL FRACTION NUMBER	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation		No. of Containers	Remarks
						Temp.	Chemical		
AP # 106	8/29	11:20	Soil	500 IAE	Glass				
AP # 106	8/29	11:20							
AP # 116	8/29	3:20							
AP # 116	8/29	3:20							
AP # 127	8/30	2:45							
AP # 127	8/30	2:45							
AP # 29	9/1	1:30							
AP # 29	9/1	1:30							
AP # 24	9/1	3:30							
AP # 24	9/1	3:30							
AP # 111	9/5	3:00							
AP # 111	9/5	3:00							



Inquired by: [Signature] Date: 9/8/95
Signature: Jeremy Anderson
Printed: Jeremy Anderson
Company: Indigen Fire & Safety
Reason: Testing

Received by: [Signature] Date: 08 Aug
Signature: Scott Pratt
Printed: SCOTT PRATT
Company: AAL
Reason: pick up / testing

Relinquished by: [Signature] Date: 08 Aug
Signature: Scott Pratt
Printed: SCOTT PRATT
Company: AAL
Reason: pick up / testing

Comments: _____
Method of Shipment: _____
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