

District III

1000 Rio Arriba Rd

DEPUTY OIL & GAS INSPECTOR

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

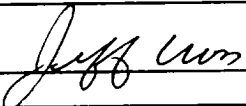
and 1 copy to

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 # 25</u>			
Location: Unit or Qtr/Qtr Sec	<u>A</u>	<u>Sec 24</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: <u>240'</u> <u>18'</u> <u>8'</u> Pit Location: <u>END-Pit Dimensions:</u> Length <u>24'</u> Width <u>18'</u> Depth <u>10'</u> (Attach diagram)			
Reference:	Wellhead <u>X</u>	Other: _____	
Footage from reference: <u>120'</u>			
Direction from reference: <u>95</u> Degrees		East _____	North _____
		<u>X</u> West	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)			
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 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>

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

Date Remediation Started:		<u>9/7/95</u>	Date Completed:		<u>6/19/97</u>
Remediation Method: (Check all appropriate sections)		Excavatio	<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.</u>					
<u>Spread soil on location for remediation. Took soil samples.</u>					
Groundwater Encountered:		No	<u>X</u>	Yes	Depth <u> </u>
Final Pit:	<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>9/7/95</u>	Sample Time	<u>9:00 A.M.</u>		
Sample results					
Benzene	(ppm)	<u>ND</u>			
Total BTEX	(ppm)	<u>ND</u>			
Field Headspace	(ppm)	<u>5.3</u>			
TPH		<u>23</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>November 5, 1997</u>	PRINTED NAME		<u>Jeff Cross</u>
SIGNATURE			AND TITLE		<u>Project Manager</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 # 25</u>			
Location:	Unit or Qtr/Qtr	Sec	<u>A SEC 24 T 24N R 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: Pit Dimensions: Length <u>24'</u> Width <u>18'</u> Depth <u>10'</u>			
(Attach diagram)			
Reference: Wellhead <u>XXX</u> Other <u> </u>			
Footage from reference: <u>120'</u>			
Direction from reference: <u>95</u> Degrees <u> </u> East North <u> </u>			
<u>X</u> West of South <u>XX</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: 9/7/95 Date Completed: 6/19/97

Remediation Method: Excavation 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 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 9/7/95 Sample Time 9:00AM
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>5.3</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>23</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: Kate C Marshall DATE: 9-2-97

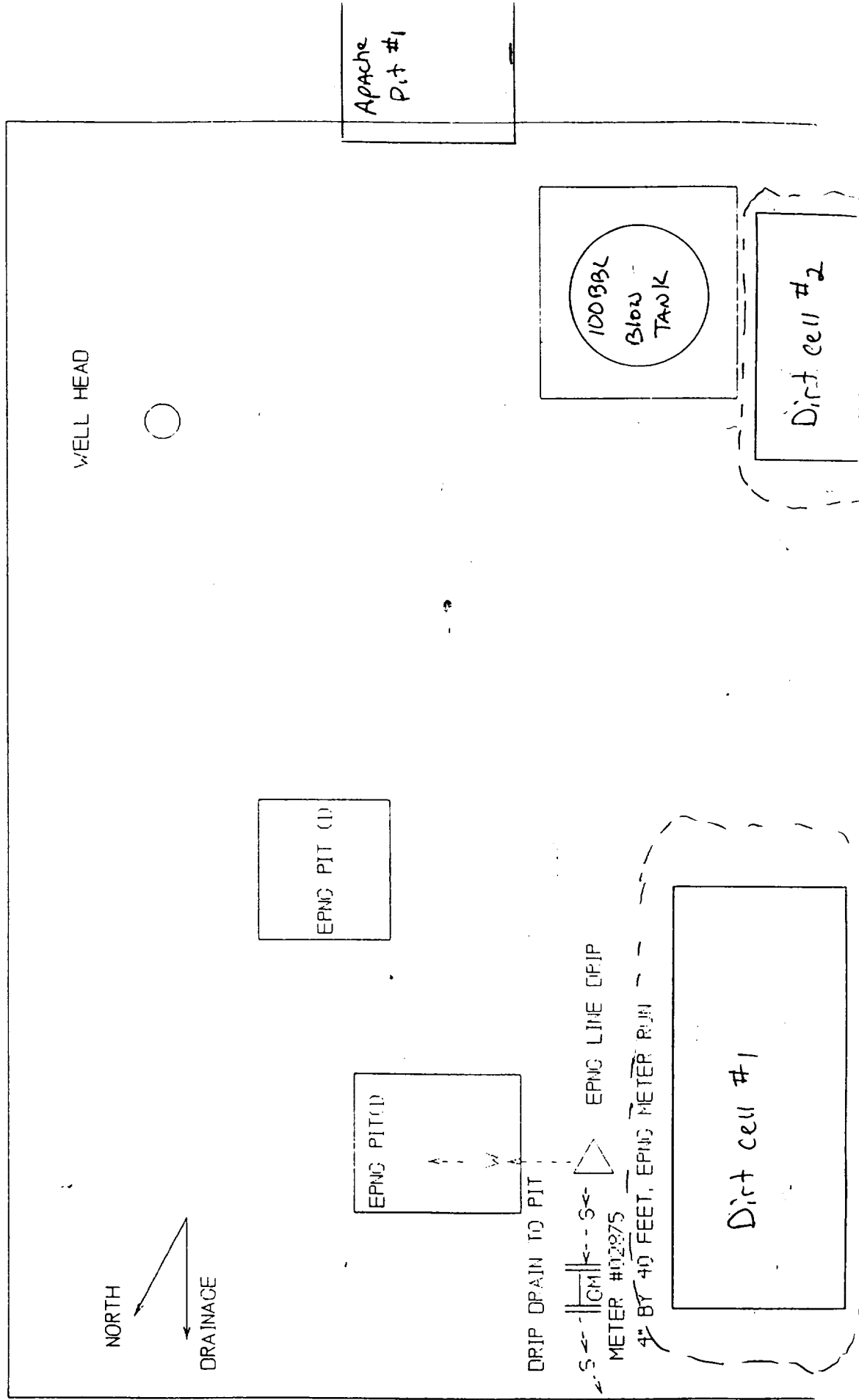
 = Spread & Reseed AREA

APACHE

APACHE NUMBER 25

SECTION 24, TOWNSHIP 24N, RANGE 4W

RIO ARriba COUNTY, NM



APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCATION: APACHE 25

PIT COUNT: 1

JICARILLA APACHE TRIBAL EPO
REVIEW AND APPROVAL

EPO REPRESENTATIVE K.C.

DATE OF REVIEW: 10/30/95

		EXCAVATION							
DIMENSIONS		START		FINISH					
	W'	L'	D'		W'	L'	D'	CU.YDS.	
PIT 1	18'	24'	8'	PIT 1	18'	24'	10'	32.0	
PIT 2				PIT 2					
PIT 3				PIT 3					
DATE: 09/07/95		PIT 1@ 10'	PIT 2@	PIT 3@	DATE:		PIT 1@	PIT 2@	PIT 3@
P. I. D.	CENTER	20.0			P. I. D.	CENTER			
	NW CORNER	0.0				NW CORNER			
	NE CORNER	2.1				NE CORNER			
	SW CORNER	0.0				SW CORNER			
	SE CORNER	4.4				SE CORNER			

NOTES:

09/07/95 Excavate to 10', slight staining and odor. Spread soil for remediation.

SOIL SAMPLING

DATE: 09/07/95		PIT 1@ 10'	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB: ASSAIGAI	
					PIT NO.	TPH	BTEX	WITNESS DATE
P.	CENTER	20.0						
P.	NW CORNER	0.0						
I.	NE CORNER	2.1			1	23.0	ND	IF&S 09/07/95
D.	SW CORNER	0.0						
	SE CORNER	4.4						

RE-SAMPLE OR CELL(S) SAMPLE

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

RE-SAMPLE OR CELL(S) SAMPLE

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

**PIT CLOSURE STATUS REPORT
(CONFIDENTIAL)**

Date:	09/07/95	Well Number:	APACHE #25	KC	10/30/95	Proj. Number:	95017
Date Start:	09/07/95	Number of Pits:		1		Date Finished:	09/07/95

DIMENSIONS & YARDAGE

1	Type:	H	x	C	Dimensions Pit 1 Start:	18' X 24' X 8'	Dimensions Pit 1 Finished:	18' X 24' x 10'
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:						32	Total Liquids Removed:	0

TPH & BTEX ANALYSIS

[illegible]

Notes:

[illegible]

SEP 25 1995

Page : 4

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	ND	mg/Kg	0.0010	10	09/15/95	SMSVOA318
Ethylbenzene	ND	mg/Kg	0.0020	10	09/15/95	SMSVOA318
P-&m-Xylene	0.048	mg/Kg	0.0010	10	09/15/95	SMSVOA318
O-Xylene						

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

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

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M	58	mg/Kg	5.0	10	09/14/95	SLFTD042
Diesel	09/11/95	N/A				
HCs DSL XT/CAL DHS 8015M						

Lab ID: 9509064-08A
Sample ID: AP# 25

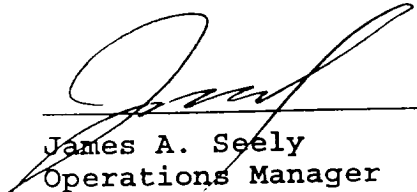
Collected: 09/07/95 09:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A	ND	mg/Kg	0.0010	5.0	09/15/95	SMSVOA317
Benzene	ND	mg/Kg	0.0010	5.0	09/15/95	SMSVOA317
Toluene	ND	mg/Kg	0.0010	5.0	09/15/95	SMSVOA317
Ethylbenzene	ND	mg/Kg	0.0020	5.0	09/15/95	SMSVOA317
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/15/95	SMSVOA317
O-Xylene	ND	mg/Kg				

Lab ID: 9509064-08B
Sample ID: AP# 25

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

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M	23	mg/Kg	5.0	2.0	09/18/95	SLFTD043
Diesel	09/11/95	N/A				
HCs DSL XT/CAL DHS 8015M						


James A. Seely
Operations Manager



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

Lab job no.: 4009 Date: 1

Page 2 of 2

Client Arache Corp. Project Manager/Contact John Taylor

Address 304 W. Bellend Telephone No. (505) 325-0318

City/State/Zip Terminator N.M. 87401 Fax No. (505) 325-0328

Project Name / Number: P4 Remediation of BOR Samplers: (Signature) Jacques [Signature]

Contract / Purchase Order / Quote _____

[illegible]

Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>12/8/85</u>	Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>12/8/85</u>
Signature <u>[Signature]</u>	Signature <u>[Signature]</u>		Signature <u>[Signature]</u>	Signature <u>[Signature]</u>	
Printed <u>ENY, Inc.</u>	Printed <u>ENY, Inc.</u>	Time <u>3:25 PM</u>	Printed <u>ENY, Inc.</u>	Printed <u>ENY, Inc.</u>	
Company <u>ENY</u>	Company <u>ENY</u>		Company <u>ENY</u>	Company <u>ENY</u>	
Reason <u>Relocating / testing</u>	Reason <u>Relocating / testing</u>		Reason <u>Relocating / testing</u>	Reason <u>Relocating / testing</u>	

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

Relinquished by: Don (A) Lee
 Signature: Don (A) Lee
 Printed: Don (A) Lee
 Company: ABC
 Reason: Rel. 100% / 1st time

Received by: _____
Signature: *Edward G. Christy*
Printed: EDWARD G. CHRISTY
Company: ABC

Date 12/8/85	Time 3:25 PM	Inquired by: <u>[Signature]</u>
		Signature <u>[Signature]</u>
United <u>Terrence Anderson</u>		
company <u>Indian Fire & Safety</u>		
<u>Testing</u>		

Comments: _____

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

Date	28 Aug 95
Time	17:30

Received by: [Signature]
Signature [Signature]
Printed ST. PIA
Company AAL
Reason _____

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 # 25</u>		<u>CELL #2</u>	
Location: Unit or Qtr/Qtr Sec <u>A</u>		Sec <u>24</u> T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>	
Land Type <u>JIC. TRIBAL</u>			
Date Remediation Started: <u>9/7/95</u>		Date Completed: <u>6/19/97</u>	
Remediation Method: Landfarmed <u>XXX</u>		Approx. cubic yards <u>18</u>	
Composted <u> </u>			
Other <u> </u>			
Depth to Groundwater: (pts) <u>0</u>		Final Closure Sampling Sampling Date: <u>6/19/97</u> Time: <u>12:30PM</u> Sample Results: Field Headspace (ppm) <u>0.3</u> TPH (ppm) <u>2200</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>7-25-97</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 <u> </u> (REASON) <u> </u>			
SIGNED: <u>Kevin M. Manda</u>		DATE: <u>9-2-97</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

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 # 25</u> CELL #1	
Location: Unit or Qtr/Qtr Sec <u>A</u> Sec <u>24</u> T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>	
Land Type <u>JIC. TRIBAL</u>	
Date Remediation Started: <u>9/7/95</u> Date Completed: <u>6/19/97</u>	
Remediation Method: Landfarmed <u>XXX</u> Approx. cubic yards <u>37</u>	
Composted _____	
Other _____	
Depth to Groundwater: (pts) <u>0</u>	Final Closure Sampling Sampling Date: <u>6/19/97</u> Time: <u>12:30PM</u> Sample Results: Field Headspace (ppm) <u>0</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>7-25-97</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>Kerri C. Mamm</u> DATE: <u>9-2-97</u>	

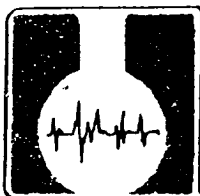
APACHE CORPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE APACHE # 25

* AMOUNT OF SOIL UNDERGOING REMEDIATION 55 Yds.

CELL No. <u>#1</u>	SampDATE 6/19/97	TPH ND	BTEX ND
DIMENSIONS(LxWxH) <u>40' L X 25' W X 12"H</u>			
CELL LOCATION (dir. from well head) <u>NORTHWEST</u>			
* DATE BEGAN: <u>9/7/95</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>6/19/97</u>			
CELL No. <u>#2</u>	SampDATE 6/19/97	TPH 2200	BTEX ND
DIMENSIONS(LxWxH) <u>25' L X 20' W X 12" H</u>			
CELL LOCATION (dir. from well head) <u>SOUTHWEST</u>			
* DATE BEGAN: <u>9/7/95</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>6/19/97</u>			
CELL No. _____	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) _____			
REMEDIATION RECORD: (Date, Treatment, Tilling)			
9/8/95 TREAT WITH 28-4-4 FERTILIZER AND TILL SOIL. BOTH CELLS #1 & # 2			
6/10/97 TREAT WITH 46-0-0 FERTILIZER, WATER, PLOW,AND TILL SOIL.			
6/19/97 TOOK SOIL SAMPLES ON CELLS # 1& # 2, (8 POINT COMPOSITE)			

From excavation reports.



**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 15:37

**CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE**

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

WORKORDER # : 9706220
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 06/23/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9706220-01A
Sample ID: APACHE #25 CELL #1

Collected: 06/19/97 12:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/kg	0.0050	100	06/24/97	SBTXME172
Toluene	ND	mg/kg	0.0050	100	06/24/97	SBTXME172
Ethylbenzene	ND	mg/kg	0.0050	100	06/24/97	SBTXME172
P-&m-Xylene	ND	mg/kg	0.010	100	06/24/97	SBTXME172
O-Xylene	ND	mg/kg	0.0050	100	06/24/97	SBTXME172

Lab ID: 9706220-01B
Sample ID: APACHE #25 CELL #1

Collected: 06/19/97 12:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015						
Diesel Range OG in Soil	ND	mg/Kg	50	25	06/28/97	SDRO037

Lab ID: 9706220-02A
Sample ID: APACHE #25 CELL #2

Collected: 06/19/97 12:45:00
Matrix: SOIL

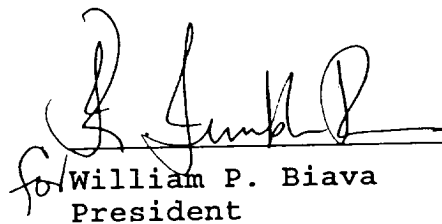
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/kg	0.0050	100	06/24/97	SBTXME172
Toluene	ND	mg/kg	0.0050	100	06/24/97	SBTXME172
Ethylbenzene	ND	mg/kg	0.0050	100	06/24/97	SBTXME172
P-&m-Xylene	ND	mg/kg	0.010	100	06/24/97	SBTXME172
O-Xylene	ND	mg/kg	0.0050	100	06/24/97	SBTXME172



Sample ID: 9706220-02B
Sample ID: APACHE #25 CELL #2

Collected: 06/19/97 12:45:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015 Diesel Range OG in Soil	2200	mg/Kg	50	25	06/28/97	SDRO037


for 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 MEX. 16
(505) 345-89

Lab job no: 6220 Date 6-23-97

Page 1 of 1

client Apache Corporation Project Manager / Contact Jeff Cross

Address 304 N. Behrend
Telephone No. (505) 774-6643

City/State/Zip Farmington, NM 87401 Fax No. (505) 774-6624

Project Name / Number: JICARILLA PIT CLOSURES Samplers: (Signature) *[Signature]*

Contract / Purchase Order / Quote _____

[illegible]

Relinquished by:	Date	Received by:	Relinquished by:
Signature <u>Jeff Dean</u>	<u>6-23-97</u>	Signature <u>[Signature]</u>	Signature _____
Printed <u>JEFF DEAN</u>	Time <u>15:30</u>	Printed <u>JEFF DEAN</u>	Printed _____
Company <u>Apache Corp.</u>		Company <u>AAL</u>	Company _____
		Reason _____	Reason _____

Date	6/24/01
Time	8:00 AM
Received by:	Julene Ryan
Signature	Julene Ryan
Printed	Julene Ryan
Company	HR
Reason	

After analysis, samples are to be:

- ☐ Disposed of (additional fee)
 - ☐ Stored (30 days max)
 - ☐ Stored over 30 days (additional fee)
 - ☐ Returned to customer

Comments:

Method of Shipment:

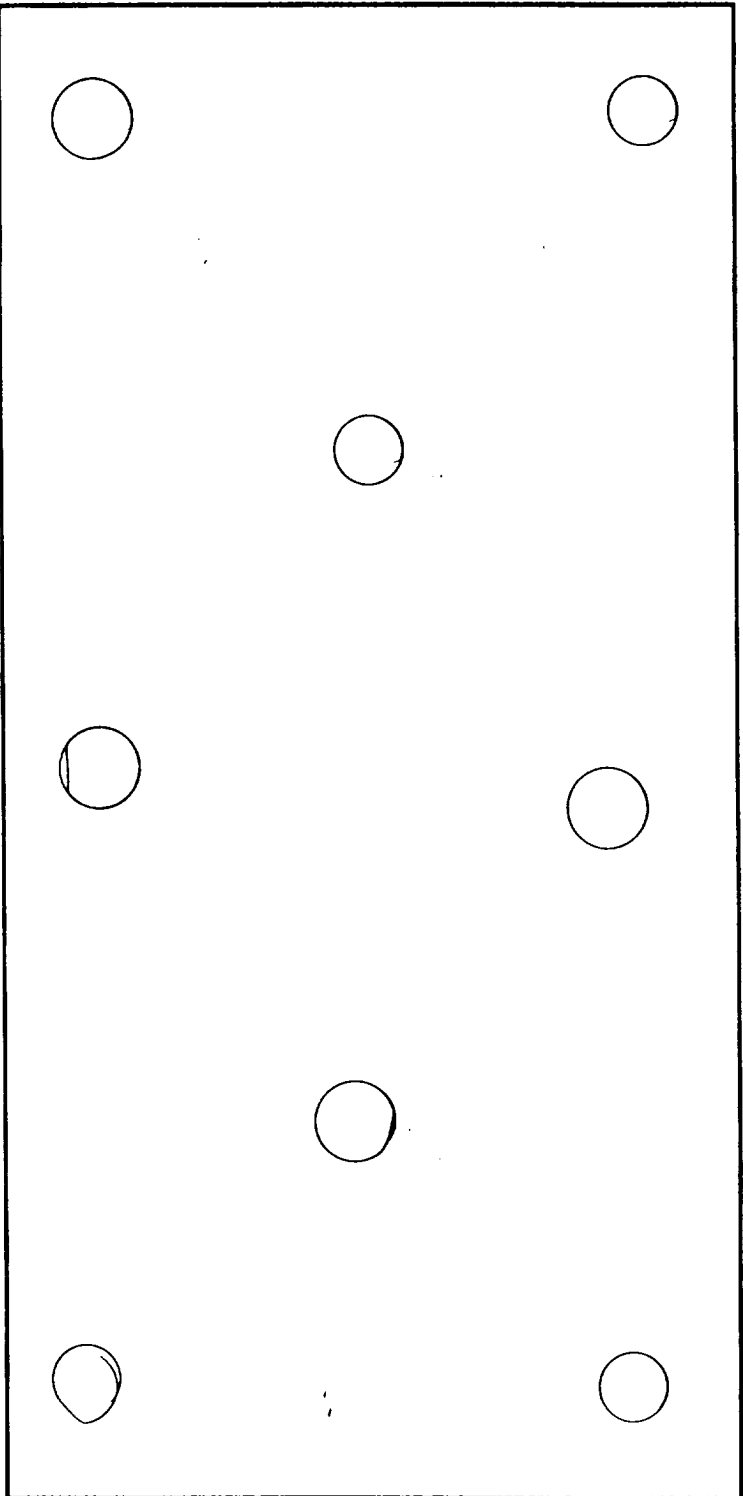
Shipment No.

Special Instructions:

LABORATORY

WELL NAME: Apache #25 Cell #1
SAMPLE DATE: 6-19-97
DIMENSIONS: 40' x 25' w x 12" H

 = SAMPLE AREA

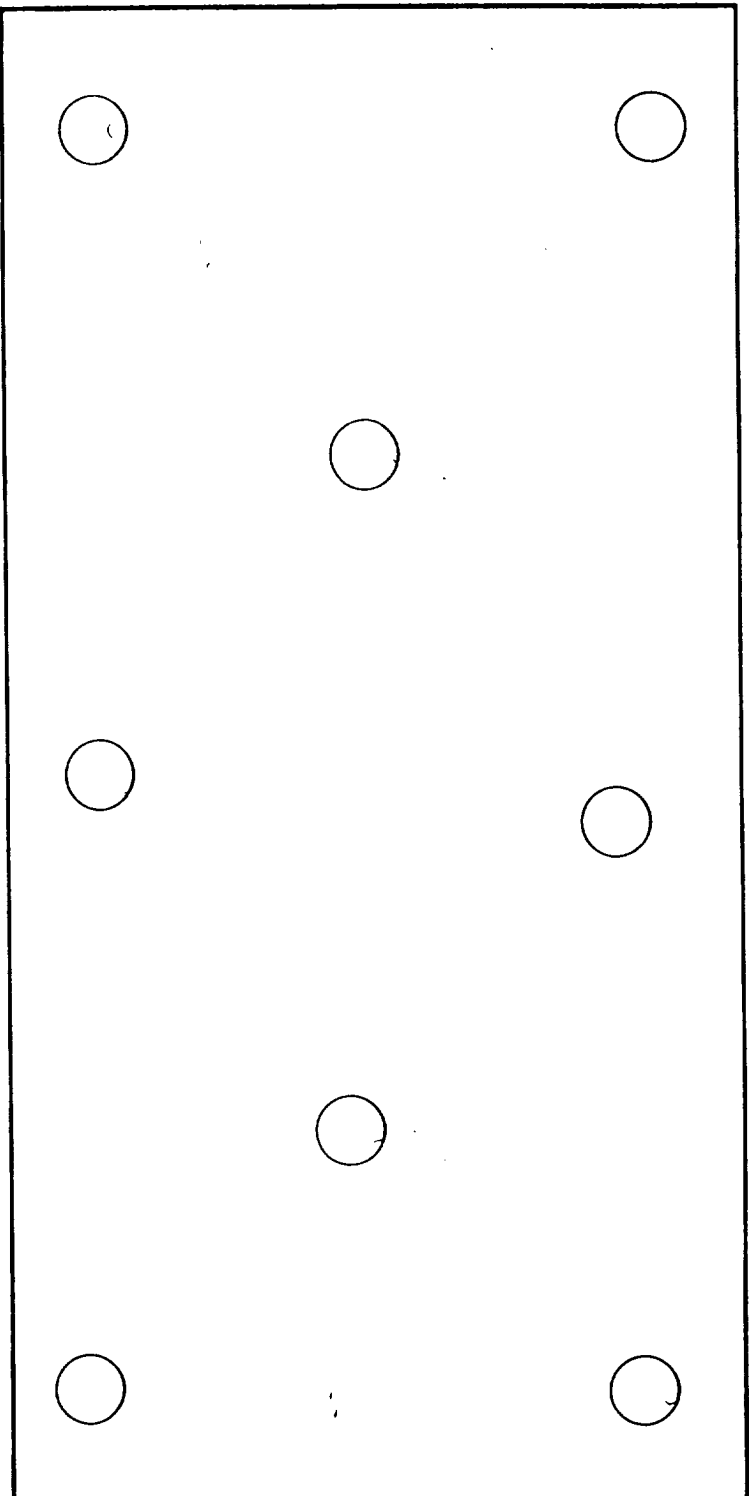


NOTES: ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

8 point sample composite
P.O composite 0.0 ppm.

WELL NAME: Apache #25 Cell #2
SAMPLE DATE: 6-19-97
DIMENSIONS: 25' x 20' x 12" H

 = SAMPLE AREA



NOTES: ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

8 point composite sample
P10 composite 0.3 ppm.