

District III
1000 Rio Brazos Rd
Aztec, NM 87410

George S. Rust
DEPUTY OIL & GAS INSPECTOR

Energy, Minerals and Natural Resources Department

State of New Mexico

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

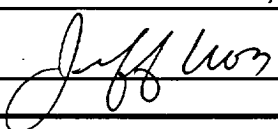
FEB 08 1999

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

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
DEC - 3 1998
OIL CON. DIV.
DIST. 3

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 120</u>																												
Location: Unit or Qtr/Qtr Sec <u>NE/NW Sec 13 T 24 N R 4W</u>		County <u>Rio Arriba</u>																										
Pit Type: Separator: _____ Dehydrator: _____ Other: <u>Tank Drain</u>																												
Land Type: <u>Jicarilla Tribal</u>																												
<table border="0"><tr><td>Beginning Pit Dimensions:</td><td>Length <u>30'</u></td><td>Width <u>30'</u></td><td>Depth <u>6'</u></td></tr><tr><td>Pit Location: (Attach diagram)</td><td>Ending Pit Dimensions:</td><td>Length <u>30'</u></td><td>Width <u>30'</u></td><td>Depth <u>10'</u></td></tr><tr><td>Reference:</td><td>Wellhead <u>XXX</u></td><td>Other _____</td><td></td></tr><tr><td>Footage from reference:</td><td><u>125'</u></td><td></td><td></td></tr><tr><td>Direction from reference:</td><td><u>24</u> Degrees</td><td><u>X</u> East</td><td>North <u>XX</u></td></tr><tr><td></td><td></td><td>West</td><td>South</td></tr></table>				Beginning Pit Dimensions:	Length <u>30'</u>	Width <u>30'</u>	Depth <u>6'</u>	Pit Location: (Attach diagram)	Ending Pit Dimensions:	Length <u>30'</u>	Width <u>30'</u>	Depth <u>10'</u>	Reference:	Wellhead <u>XXX</u>	Other _____		Footage from reference:	<u>125'</u>			Direction from reference:	<u>24</u> Degrees	<u>X</u> East	North <u>XX</u>			West	South
Beginning Pit Dimensions:	Length <u>30'</u>	Width <u>30'</u>	Depth <u>6'</u>																									
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Depth To Groundwater: (vertical distance from contaminants to seasonal high water elevation of groundwater)		<table border="0"><tr><td>Less than 50 feet</td><td>(20 points)</td><td>_____</td></tr><tr><td>50 feet to 99 feet</td><td>(10 points)</td><td>_____</td></tr><tr><td>Greater than 100 feet</td><td>(0 points)</td><td><u>0</u></td></tr></table>		Less than 50 feet	(20 points)	_____	50 feet to 99 feet	(10 points)	_____	Greater than 100 feet	(0 points)	<u>0</u>																
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Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)		<table border="0"><tr><td>Yes</td><td>(20 points)</td><td>_____</td></tr><tr><td>No</td><td>(0 points)</td><td><u>0</u></td></tr></table>		Yes	(20 points)	_____	No	(0 points)	<u>0</u>																			
Yes	(20 points)	_____																										
No	(0 points)	<u>0</u>																										
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)		<table border="0"><tr><td>Less than 200 feet</td><td>(20 points)</td><td>_____</td></tr><tr><td>200 feet to 1000 feet</td><td>(10 points)</td><td>_____</td></tr><tr><td>Greater than 1000 feet</td><td>(0 points)</td><td><u>0</u></td></tr></table>		Less than 200 feet	(20 points)	_____	200 feet to 1000 feet	(10 points)	_____	Greater than 1000 feet	(0 points)	<u>0</u>																
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200 feet to 1000 feet	(10 points)	_____																										
Greater than 1000 feet	(0 points)	<u>0</u>																										
		RANKING SCORE (TOTAL POINTS) <u>0</u>																										

Date Remediation Started:		<u>10/9/95</u>	Date Completed:		<u>5/22/96</u>
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>	Approx. cubic yards		<u>133</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. Backfill pit with</u>					
<u>clean soil. Remediated soil to be spread on location. Spread soil on location for remediation.</u>					
<u>Took soil samples</u>					
Groundwater Encountered: No <u>XX</u> Yes _____ Depth _____					
Final Pit: Sample location <u>5 point composite sample taken from pit sidewalls and pit</u>					
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths) bottom center.					
Sample depth		<u>10'</u>	<u>8 to 10" into pit sidewalls 10" into pit bottom</u>		
Sample Date		<u>5/22/96</u>	Sample Time		<u>8:30 AM</u>
Sample results					
Benzene		(ppm)	<u>ND</u>		
Total BTEX		(ppm)	<u>ND</u>		
Field Headspace		(ppm)	<u>ND</u>		
TPH			<u>3500</u>		
Groundwater Sample:		Yes _____	No <u>XX</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>December 1, 1998</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>2855 Southside River Road, Suite A, Farmington, NM 87401</u>			
Facility or Well Name: <u>APACHE # 120</u>			
Location:	Unit or Qtr/Qtr Sec	<u>NE\NW SEC 13</u>	T <u>24</u> N <u>R 4</u> W County <u>Rio Arriba</u>
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>TANK DRAIN</u>
Land Type: <u>Jicarilla Tribal</u>			

Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>30'</u>	Width <u>30'</u>	Depth <u>10'</u>
	Reference:	Wellhead <u>XX</u>	Other <u> </u>	
	Footage from reference:	<u>125'</u>		
	Direction from reference:	<u>24</u> Degrees	<u>X</u> East	North <u>XX</u>
			<u> </u> West	South <u> </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>10/9/95</u>		Date Completed:		<u>5/22/96</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>133</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. BACK FILL PIT WITH CLEAN SOIL. REMEDIATED SOIL TO BE SPREAD ON LOCATION. 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>10'</u>			
		Sample Date		<u>5/22/96</u>		Sample Time <u>8:30AM</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>3500</u>		Total Xylenes (ppb) <u>NA</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>9/30/98</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>Ken C Marshall</i></u>		DATE:		<u>11-13-98</u>	

APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCATION: APACHE 120

E

PIT COUNT: 1

JICARILLA APACHE TRIBAL EPO
REVIEW AND APPROVAL

EPO REPRESENTATIVE K.C.

DATE OF REVIEW: 11/29/95

		EXCAVATION							
DIMENSIONS		START		FINISH					
	W'	L'	D'		W'	L'	D'	CU.YDS.	
PIT 1	30'	30'	6'	PIT 1	30'	30'	10'	133.0	
PIT 2				PIT 2					
PIT 3				PIT 3					
DATE: 10/09/95		PIT 1@ 08'	PIT 2@	PIT 3@	DATE: 11/29/95		PIT 1@ 10'	PIT 2@	PIT 3@
P. I. D.	CENTER	280.0			P. I. D.	CENTER	0.0		
	NW CORNER	291.0				NW CORNER	0.0		
	NE CORNER	270.0				NE CORNER	0.0		
	SW CORNER	520.0				SW CORNER	0.0		
	SE CORNER	446.0				SE CORNER	0.0		

NOTES:

10/09/95 Excavate to 10', staining to 8', encountered sandstone @8.5'

* High TPH & BTEX levels from 10/09 sampling @ 8'.

SOIL SAMPLING

DATE: 10/09/95		PIT 1@ 08'	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB: ASSAIGAI	
P. I. D.	CENTER	280.0			PIT NO.	TPH	BTEX	WITNESS DATE
	NW CORNER	291.0			1	11000.0	112.0	IF&S 10/09/95
	NE CORNER	270.0						
	SW CORNER	520.0						
	SE CORNER	446.0						

RE-SAMPLE OR CELL(S) SAMPLE

DATE: 11/29/95		PIT 1@ 10'	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB: ASSAIGAI	
P. I. D.	CENTER	0.0			PIT NO.	TPH	BTEX	WITNESS DATE
	NW CORNER	0.0			1	8800	8.75	IF&S 11/29/95
	NE CORNER	0.0			1	3500	ND KB	5/22/96
	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							

**PIT CLOSURE STATUS REPORT
(CONFIDENTIAL)**

Date:	10/09/95	Well Number:	MW 120	Proj. Number:	95017
Date Start:	10/09/95	Number of Pits: 1		Date Finished:	10/09/95
DIMENSIONS & YARDAGE					
1	Type:	H	x	C	Dimensions Pit 1 Start:
					30' x 30' x 6'
2	Type:	H		C	Dimensions Pit 2 Start:
3	Type:	H		C	Dimensions Pit 3 Start:
Total Cu. Yards Removed:					133
Total Liquids Removed:					10 bbls.

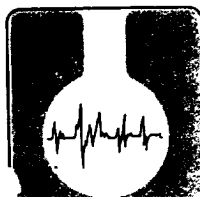
TPH & BTEX ANALYSIS

[illegible]

Notes:

[illegible]

[illegible]



ASSAIGAI ANALYTICAL LABORATORIES

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

Report Generated:
May 31, 1996 11:02

CERTIFICATE OF ANALYSIS RESULTS BY SAMPLE

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

WORKORDER # : 9605206
WORK ID : PIT REMEDIATION
CLIENT CODE : APA01
DATE RECEIVED : 05/23/96

ATTN: JOHN TAYLOR

Page: 1

Lab ID: 9605206-01A
Sample ID: APACHE 120

Collected: 05/22/96 08:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
Toluene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
Ethylbenzene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
P-&m-Xylene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
O-Xylene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
DIESEL/CAL DHS 8015M						
Diesel	3500	mg/Kg	5.0	250	05/29/96	SLFTD074
HCs DSL XT/CAL DHS 8015M	05/24/96	N/A				

Lab ID: 9605206-02A
Sample ID: APACHE 143

Collected: 05/22/96 09:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
Toluene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
Ethylbenzene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
P-&m-Xylene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
O-Xylene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
HCs DIESEL/CAL DHS 8015M						
Diesel	4500	mg/Kg	5.0	250	05/29/96	SLFTD074
HCs DSL XT/CAL DHS 8015M	05/24/96	N/A				

Lab ID: 9605206-03A
Sample ID: APACHE 132

Collected: 05/22/96 10:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
Toluene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
Ethylbenzene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112
P-&m-Xylene	ND	mg/Kg	0.0010	100	05/24/96	SBTXME112



APACHE

APACHE NUMBER 120 Lease # JAT 129

NE/4 NW/4 (C)

SECTION 13, TOWNSHIP 24N, RANGE 4W

RIO ARriba COUNTY, NM

Revised 6/1/97 MG

GENERAL DRAINAGE

NORTH

TANK FIRE WALL IS 4' WIDE AT THE BASE, 6' WIDE AT THE TOP, AND 2' HIGH

SEPARATOR

S

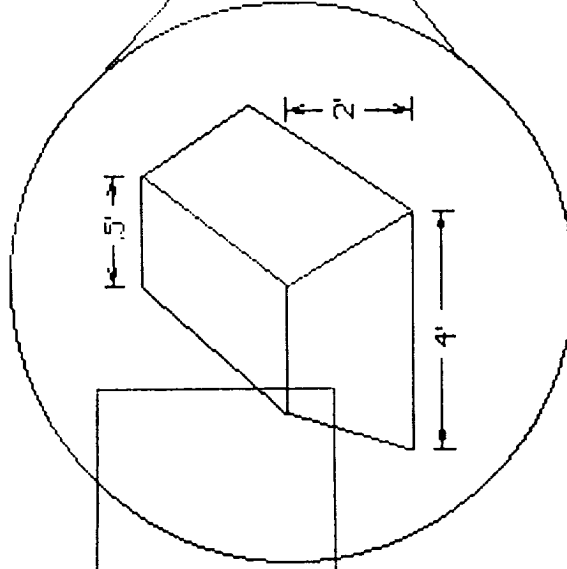
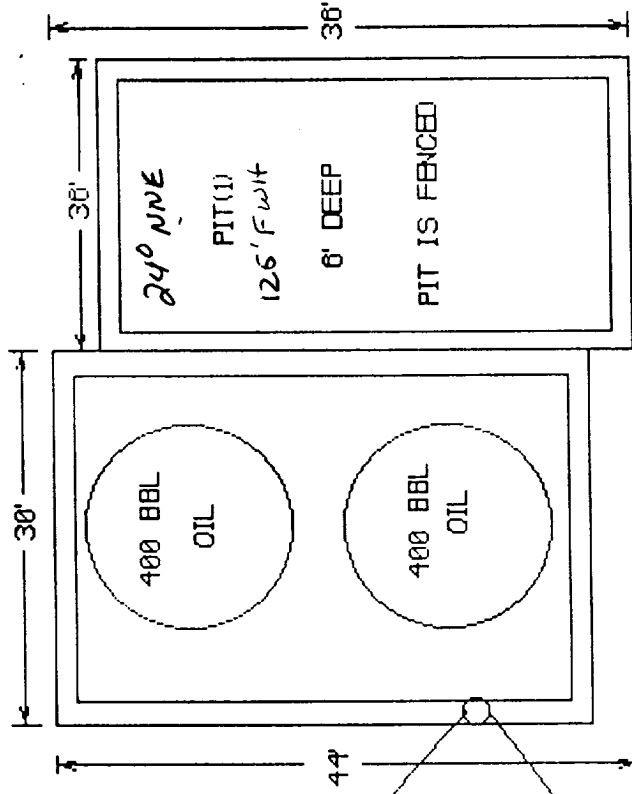
WELL HEAD



PUMP JACK

LAND Faen

125' x 30' x 12"



4' X 40' EPNG METER RUN



LINE DRIP

DRAINAGE IS APPROXIMATELY, 5 MILES W TO XXX WASH, 75 MILES NW TO LARGO WASH AND THEN 50 MILES NW TO THE SAN JUAN RIVER

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>2855 SOUTHSIDE RIVER ROAD/SUITE A/ FARMINGTON N.M. 87401-7947</u>	
Facility or Well Name: <u>APACHE # 120</u>	
Location: Unit or Qtr/Qtr Sec <u>NEWW SEC 13 T 24 N R 4 W</u> County <u>RIO ARRIBA</u>	
Land Type <u>JIC. TRIBAL</u>	
Date Remediation Started: <u>10/9/95</u> Date Completed: <u>8/17/98</u>	
Remediation Method: Landfarmed <u>XXX</u> Approx. cubic yards <u>133</u>	
Composted _____	
Other <u>REMEDIATED SOIL TO BE SPREAD ON LOCATION.</u>	
Depth to Groundwater: (pts) <u>0</u>	Final Closure Sampling Sampling Date: <u>8/17/98</u> Time: <u>10:00AM</u> Sample Results: Field Headspace (ppm) <u>0</u> TPH (ppm) <u>1300</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>9/30/98</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>Kurt M. M...ll</u>	DATE: <u>11-13-98</u>

M W PETROLEUM/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE APACHE # 120

* AMOUNT OF SOIL UNDERGOING REMEDIATION 133 Yds.

CELL No. <u>1</u>	SampDATE 8/17/98	TPH 1300	BTEX ND
DIMENSIONS(LxWxH) <u>125' X 30' X 12'</u>			
CELL LOCATION (dir. from well head) <u>WEST</u>			
* DATE BEGAN: <u>10/9/95</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>8/17/98</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)			
TREAT SOIL WITH 28-4-4 FERTILIZER.		5/30/98 PLOW AND TILL SOIL.	
6/10/97 TREAT SOIL WITH 46-0-0 FERTILIZER, WATER, PLOW AND TILL S		6/9/98 WATER, PLOW AND TILL.	
7/17/97 PLOW AND TILL SOIL.		7/7/98 PLOW AND TILL .	
7/24/97 PLOW AND TILL SOIL.		7/14/98 PLOW AND TILL SOIL.	
8/4/97 TREAT SOIL WIYH 24LBS PHOSPHORUS, 48LBS LIME, 60LBS 46-0-0 FERTILIZER			
WATER, PLOW AND TILL SOIL.		8/4/98 WATER, PLOW AND TILL SOIL	
8/8/97 PLOW SOIL.		8/14/98 PLOW AND TILL SOIL.	
5/8/98 PLOW AND TILL SOIL.			

From excavation reports.

WELL NAME:

Apache #120

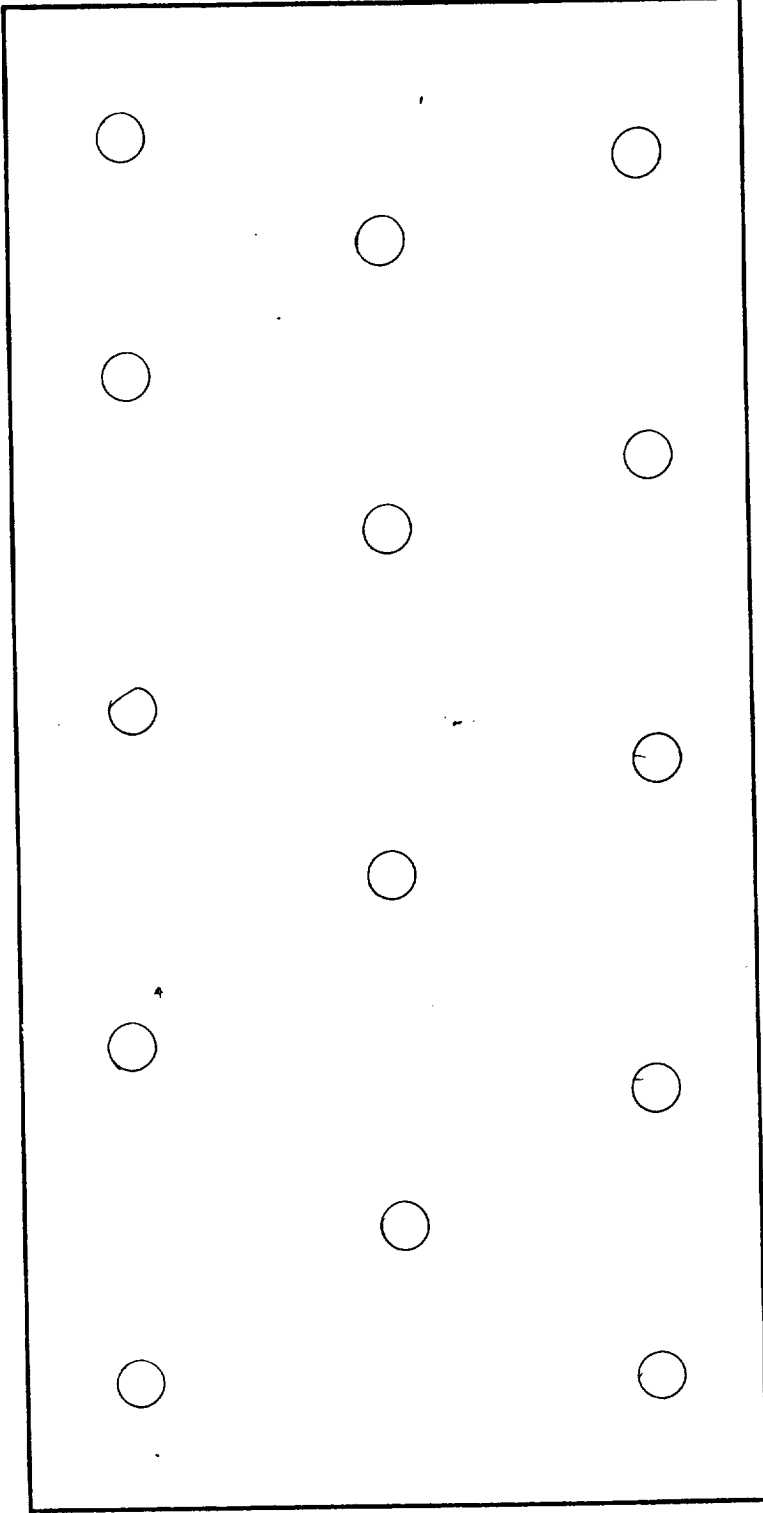
SAMPLE DATE:

8-17-98

DIMENSIONS:

125' x 30' x 12"

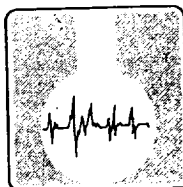
○ = SAMPLE AREA



NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

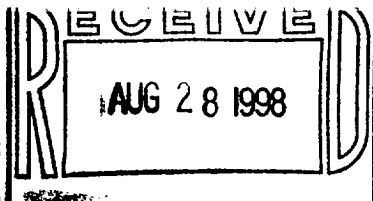
14 point composite sample



ASSAIGAI ANALYTICAL LABORATORIES, INC.

7300 Jefferson, NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7159

3332 Wedgewood, E-5 • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558



* explanation of codes

B	analyte detected in Method Blank
E	result is estimated
H	analyzed out of hold time
N	tentatively identified compound
S	subcontracted
1-9	see footnote

APACHE CORPORATION
attn: JEFF CROSS
2855 SOUTHSIDE RIVER RD STE A
FARMINGTON, NM 87401-7947

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: APACHE CORPORATION
Project: 9808184 JICARILLA PIT CLOSURES

William P. Biava
William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Client Sample ID	APACHE #120 CELL	Sample Matrix	SOIL	Sample Collected	08/17/98 10:00:00
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Fraction	QC Group	CAS #	Result	Units	Dilution Factor	Detection Limit	* Sequence	Run Date
Test: SW846 8010B/8020A Purgeable VOCs by GC/PID-ELCD								
9808184-01A	X98390	71-43-2	Benzene	ND	mg / Kg	50	0.005	XG.1998.702-6 08/20/98
	X98390	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005	XG.1998.702-6
	X98390	95-47-6	o-Xylene	ND	mg / Kg	50	0.005	XG.1998.702-6
	X98390		P/M-Xylenes	ND	mg / Kg	50	0.01	XG.1998.702-6
	X98390	108-88-3	Toluene	ND	mg / Kg	50	0.005	XG.1998.702-6
Test: SW846 8015A Diesel Range Organics by GC/FID								
9808184-01B	X98389		Diesel Range Organics	1300	mg / Kg	25	25	XG.1998.699-8 08/21/98

*** Sample specific analytical Detection Limit is determined by multiplying the sample Dilution Factor by the listed method Detection Limit. ***
*** Results relate only to the items tested. ***



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Samplers: (Signature) Jeff Leon

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any	Apache Corp		1015	Company	Company	Company	Company
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