

Samy S. Faust
DEPUTY OIL & GAS INSPECTOR
Aztec, NM 87410

DEC 17 1998

State of New Mexico

Energy, 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

RECEIVED
JUL 6 1998
OIL CON. DIV.
DIST. 3

Operator: Apache Corporation		Telephone: 505-325-0318	
Address: 2855 Southside River Road, Suite A, Farmington, NM 87401			
Facility or Well Name:		Apache # 117	
Location: Unit or Qtr/Qtr Sec	A	Sec 12	T 24 N R 4W County Rio Arriba
Pit Type: Separator:		Dehydrator	Other Tank Drain\Blow Pit
Land Type: Jicarilla Tribal			
Beginning Pit Dimensions: Length 42' Width 42' Depth 5.5'			
Pit Location: (Attach diagram)	Ending Pit Dimensions: Length 42' Width 42' Depth 10'		
Reference:	Wellhead	Other	Separator
Footage from reference:		60'	
Direction from reference:		270 Degrees	East North XX West South
Depth To Groundwater: (vertical distance from contaminants to seasonal high water elevation of groundwater)		Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points) 0
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)		Yes No	(20 points) (0 points) 0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)		Less than 200 feet 200 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points) 0
		RANKING SCORE (TOTAL POINTS) 0	

Date Remediation Started:		<u>11/7/95</u>		Date Completed:		<u>11/7/95</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>294</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. Pit back filled w/ fill dirt</u>					

Groundwater Encountered:		No <u>XX</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> <u>8 to 10" into pit sidewalls 10" into pit bottom</u>					
		Sample Date <u>11/7/95</u>		Sample Time		<u>12:30 P.M.</u>	
		Sample results					
		Benzene		(ppm)		<u>ND</u>	
		Total BTEX		(ppm)		<u>ND</u>	
		Field Headspace		(ppm)		<u>14.94</u>	
		TPH				<u>2000</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>June 8, 1998</u>		PRINTED NAME		<u>Jeff Cross</u>	
SIGNATURE		<u>Jeff Cross</u>		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>2855 SOUTHSIDE RIVER ROAD / SUITE A / FARMINGTON N.M. 87401-7947</u>											
Facility or Well Name: <u>APACHE # 117</u>											
Location:		Unit or Qtr/Qtr Sec		<u>A</u>	<u>SEC 12</u>	<u>T 24N</u>	<u>R 4W</u>	County		<u>RIO ARRIBA</u>	
Pit Type:		Separator: _____		Dehydrator _____		Other		<u>TANKDRAIN\BLOW PIT</u>			
Land Type:		<u>JIC. TRIBAL</u>									
Pit Location: (Attach diagram)		Pit Dimensions:		Length <u>42'</u>		Width <u>42'</u>		Depth <u>10'</u>			
		Reference:		Wellhead _____		Other		<u>SEPARATOR</u>			
		Footage from reference:		<u>60'</u>							
		Direction from reference:		<u>270</u>		Degrees		_____ East		North _____	
						<u>XX</u>		West		of South _____	
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)											
Distance to an Ephemeral Stream:				Less than 100 feet				(10 points) _____			
(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) _____			
(Downgradient lakes, playas and				Greater than 100 feet				(0 points) <u>0</u>			
livestock or wildlife watering ponds)											
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 100 feet				(20 points) _____			
(Horizontal distance to perennial				100 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>			

Date Remediation Started:		<u>11/7/95</u>		Date Completed:		<u>11/7/95</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>294</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. spread soil on location for remediation. Took soil samples. Pit Back Filled w/ Fill Dirt</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>10'</u> <u>8" to 10" into pit side walls, 10" into pit bottom.</u>					
Sample Date		<u>11/7/95</u>		Sample Time		<u>12:30 PM P.C.</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>14.94</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>2000</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>5/28/98</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>6-2-98</u>			

APACHE CORPORATION FARMINGTON DISTRICT
PIT EXCAVATION AND CLOSURE REPORT

LOCATION: APACHE 117

PIT COUNT: 1

JICARILLA APACHE TRIBAL EPO
REVIEW AND APPROVAL

EPO REPRESENTATIVE KCM
DATE OF REVIEW: 12-27-95

EXCAVATION								
DIMENSIONS		START			FINISH			CU.YDS.
	W	L	D		W	L	D	
PIT 1	42'	42'	5.5	PIT 1	42'	42'	10'	294
PIT 2				PIT 2				
PIT 3				PIT 3				
DATE:11/07/95		PIT1@10'	PIT2@_ ' '	PIT3@_ ' '	DATE:11/30/95		PIT1@10'	PIT2@_ ' ' PIT3@_ ' '
P. I. D.	CENTER	37.0			P. I. D.	CENTER	21.3	
	NW CORNER	108.0				NW CORNER	39.1	
	NE CORNER	38.4				NE CORNER	12.6	
	SW CORNER	10.4				SW CORNER	0.0	
	SE CORNER	11.1				SE CORNER	1.7	

NOTES:

11/07/95 -- Heavy soil to 7'(fence off)Lt. gray sand to 10', hit sandstone.

SOIL SAMPLING

DATE:11/07/95		PIT1@10'	PIT2@_ ' '	PIT3@_ ' '	ANALYSIS RESULTS			PER LAB: ASSAIGAI
P. I. D.	CENTER	37.0			PIT	TPH	BETEX	WITNESS DATE
	NW CORNER	108.0			NO.			
	NE CORNER	38.4			1	2000.0	ND	IF&S 11/07/95
	SW CORNER	10.4			2			
	SE CORNER	11.1			3			

RE-SAMPLE OR CELL(S) SAMPLE

DATE:		PIT1@10'	PIT2@_ ' '	PIT3@_ ' '	ANALYSIS RESULTS			PER LAB: ASSAIGAI
P. I. D.	CENTER	21.3			PIT	TPH	BETEX	WITNESS DATE
	NW CORNER	39.1			NO.			
	NE CORNER	12.6			1	2000.0	ND	IF&S 11/07/95
	SW CORNER	0.0			2			
	SE CORNER	1.7			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 DATE
	NW CORNER				NO.			
	NE CORNER				1			
	SW CORNER				2			
	SE CORNER				3			

[illegible]

Lab 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

Collected: 11/02/95 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	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

NORTH

DRAINAGE

APACHE

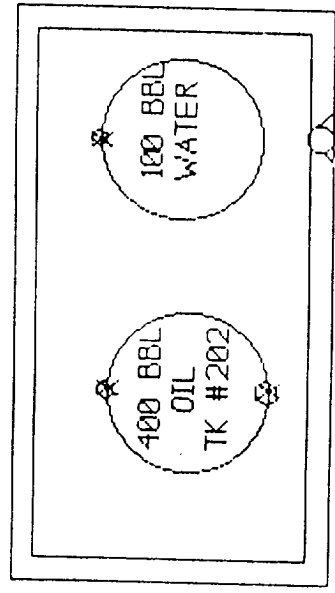
APACHE NUMBER 117 L9889 # JAT 126
NE/4 NE/4 (A)

SECTION 12, TOWNSHIP 24N, RANGE 4W
RIO ARriba COUNTY, NM

Revised 6/1/97 MG

60' FSEP
270° west

PIT



SEPARATOR

Cell #2
80' x 30' x 18"

Cell #1
60' x 20' x 18"

PUMP JACK



WELL HEAD

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 # 117 CELL # 1</u>	
Location: Unit or Qtr/Qtr Sec <u>A</u> Sec <u>10</u> T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>	
Land Type <u>JIC. TRIBAL</u>	
Date Remediation Started: <u>11/7/95</u> Date Completed: <u>5/12/98</u>	
Remediation Method: Landfarmed <u>XXX</u> Approx. cubic yards <u>66 230</u>	
Composted _____	
Other _____	
Depth to Groundwater: (pts) <u>0</u>	Final Closure Sampling Sampling Date: <u>5/12/98</u> Time: <u>2:45PM</u> Sample Results: Field Headspace (ppm) <u>ND</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>8/28/98</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>Steve C. Mann</u> DATE: <u>6-2-98</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>2855 SOUTHSIDE RIVER ROAD/SUITE A / FARMINGTON , N.M. 87401-7947</u>			
Facility or Well Name: <u>APACHE # 117 CELL # 2</u>			
Location: Unit or Qtr/Qtr Sec <u>A</u> Sec <u>10</u> T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>			
Land Type <u>JIC. TRIBAL</u>			
Date Remediation Started: <u>11/7/95</u>		Date Completed: <u>5/12/98</u>	
Remediation Method: Landfarmed <u>XXX</u>		Approx. cubic yards <u>230^{dc.}</u> 86	
Composted _____			
Other _____			
Depth to Groundwater: (pts) <u>0</u>		Final Closure Sampling Sampling Date: <u>5/12/98</u> Time: <u>2:55PM</u> Sample Results: Field Headspace (ppm) <u>ND</u> TPH (ppm) <u>820</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>8/28/98</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>Scott C. Marshall</u>		DATE: <u>6-2-98</u>	

APACHE CORPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE APACHE # 117

* AMOUNT OF SOIL UNDERGOING REMEDIATION 294 Yds.

CELL No. <u>1</u>	SampDATE 5/12/98	TPH ND	BTEX ND
DIMENSIONS(LxWxH) <u>60' X 20' X 18'</u>			
CELL LOCATION (dir. from well head) <u>EAST</u>			
* DATE BEGAN: <u>11/7/95</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>5/12/98</u>			
CELL No. <u>2</u>	SampDATE 5/12/98	TPH 820	BTEX ND
DIMENSIONS(LxWxH) <u>80' X 30' X 18"</u>			
CELL LOCATION (dir. from well head) <u>NORTH</u>			
* DATE BEGAN: <u>11/7/95</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>5/12/98</u>			
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)			
11/15/95 TREAT SOIL WITH 28-4-4 FERTILIZER, WATER , PLOW AND TILL SOIL.			
5/7/97 TREAT SOIL WITH 46-0-0 FERTILIZER, WATER , PLOW AND TILL SOIL.			
6/19/97 PLOW AND TILL SOIL.			
7/11/97 WATER , PLOW AND TILL SOIL.			
8/18/97 TREAT SOIL WITH 43LBS PHOSPHORUS,25 LBS LIME, WATER , PLOW AND TILL SOIL.			
5/1/98 PLOW SOIL.			
5/10/98 TILL SOIL.			

From excavation reports.

WELL NAME:

Apache #117 cell #1

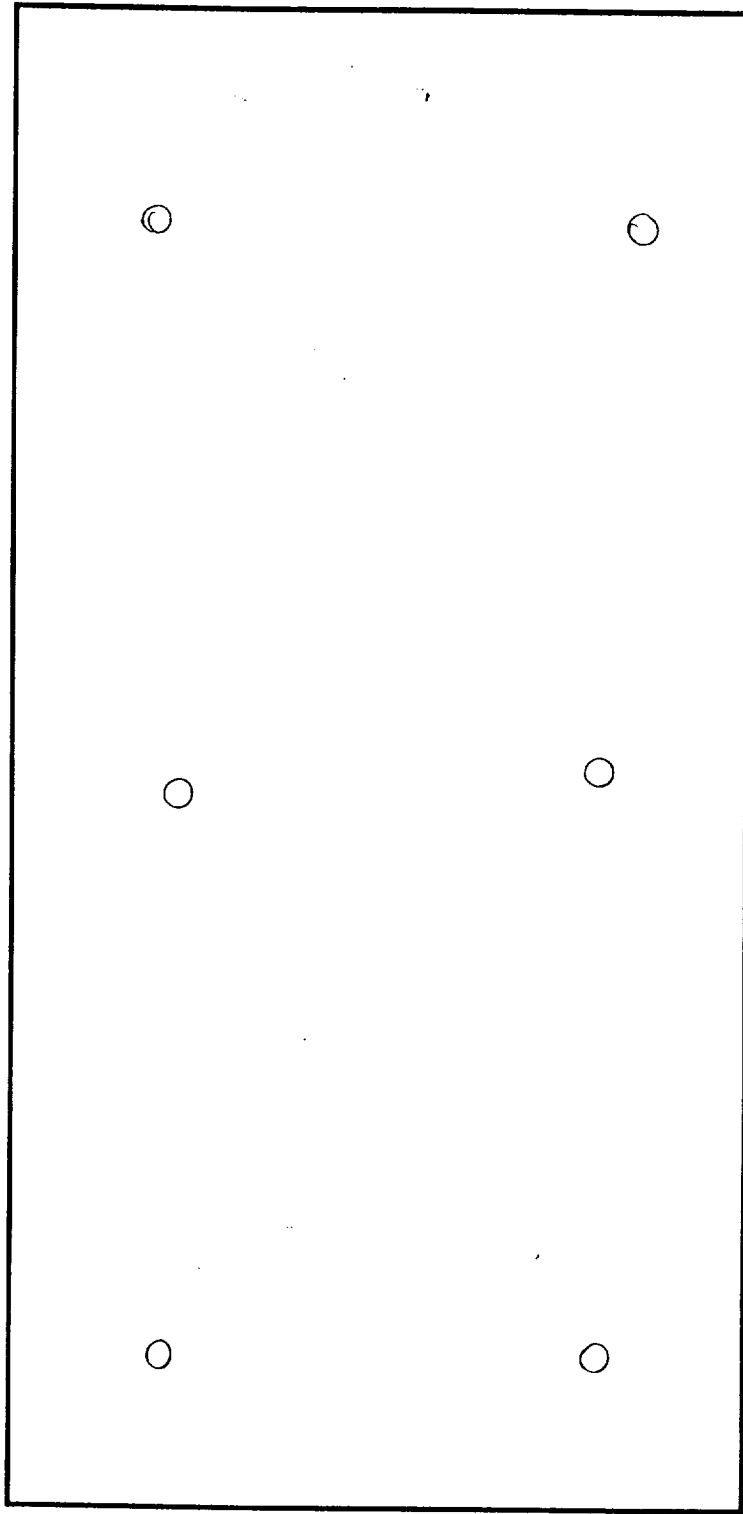
SAMPLE DATE:

5-12-98

DIMENSIONS:

60' x 20' x 18"

○ = SAMPLE AREA



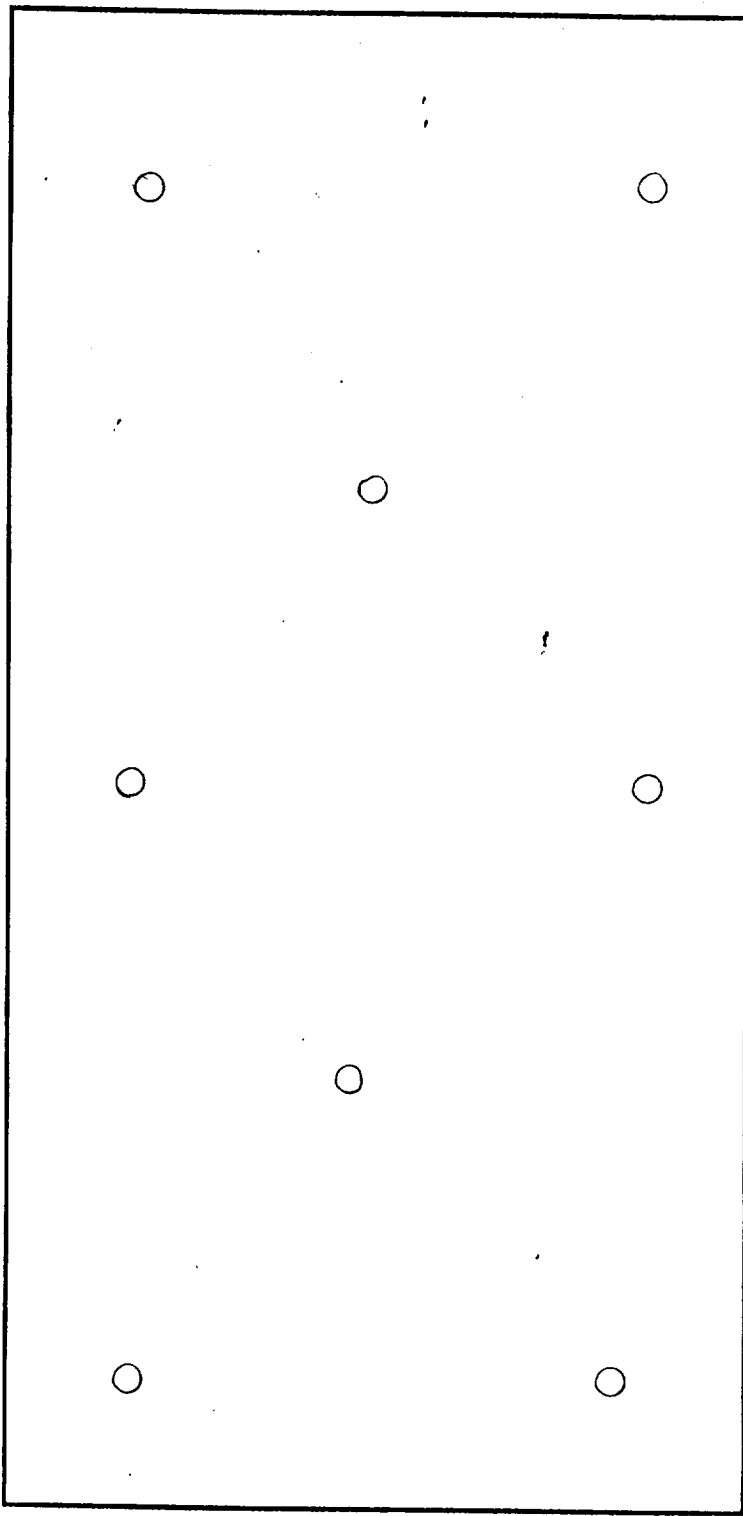
NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

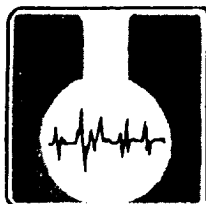
Le point composite sample

WELL NAME: Apache #117 cell #2
SAMPLE DATE: 80' 5-12-98
DIMENSIONS: 80' x 30' x 12"

○ = SAMPLE AREA



NOTES: ALL SAMPLES TAKEN 10" TO 12" INTO CELL.
8 point composite sample

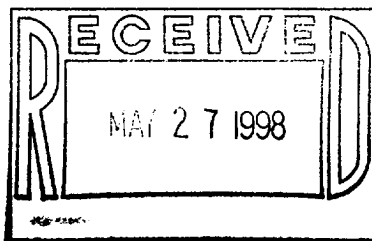


ASSAIGAI ANALYTICAL LABORATORIES, INC.

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

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



* 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

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: APACHE CORPORATION
Project: 9805119 JICARILLA PIT CLOSURE

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

Client Sample ID: **APACHE #117 CELL #1** Sample Matrix: **SOIL** Sample Collected: **05/12/98 14:45:00**

Fraction	QC Group	CAS #	Result	Units	Dilution Factor	Detection Limit	Sequence	Run Date
SW846-8020 Volatiles								
9805119-01A	X98267	71-43-2	Benzene	ND	mg / Kg	50	0.005	05/14/98
	X98267	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005	XG.1998.464-4
	X98267	95-47-6	o-Xylene	ND	mg / Kg	50	0.005	XG.1998.464-4
	X98267		p/m Xylenes	ND	mg / Kg	50	0.01	XG.1998.464-4
	X98267	108-88-3	Toluene	ND	mg / Kg	50	0.005	XG.1998.464-4
SW846-8015 Modified TPH								
9805119-01B	X98268		Diesel Range Organics	ND	mg / Kg	25	25	05/14/98

Client Sample ID: **APACHE #117 CELL #2** Sample Matrix: **SOIL** Sample Collected: **05/12/98 14:55:00**

Fraction	QC Group	CAS #	Result	Units	Dilution Factor	Detection Limit	Sequence	Run Date
SW846-8020 Volatiles								
9805119-02A	X98267	71-43-2	Benzene	ND	mg / Kg	50	0.005	05/14/98
	X98267	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005	XG.1998.464-7
	X98267	95-47-6	o-Xylene	ND	mg / Kg	50	0.005	XG.1998.464-7
	X98267		p/m Xylenes	ND	mg / Kg	50	0.01	XG.1998.464-7
	X98267	108-88-3	Toluene	ND	mg / Kg	50	0.005	XG.1998.464-7
SW846-8015 Modified TPH								
9805119-02B	X98268		Diesel Range Organics	820	mg / Kg	25	25	05/14/98





Chain of Custody Record

7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

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

Client Apache Corporation Project Manager / Contact Jeff Cross
Address 2855 Southside River RD, Ste. A Telephone No. (505) 774-6643
City / State / Zip Farmington, NM 87401-7947 Fax No. (505) 774-6624
Project Name / Number _____ Samplers: (Signature) Jeff Cross
Contract / Purchase Order / Quote _____

[illegible]

LABORATORY