

District III
1000 Rio Brazos Rd
Aztec, NM 87410

Approved
OIL & GAS INSPECTOR

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. PACHECO
Santa Fe, New Mexico 87505

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

DEC 17 1998

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
JUL 6 1998

Operator: **Apache Corporation** Telephone: **505-325-0318**

OIL CON. DIV.
DIST. 3

Address: **2855 Southside River Road, Suite A, Farmington, NM 87401**

Facility or Well Name: **Apache # 123**

Location: Unit or Qtr/Qtr Sec **A Sec 4 T 24 N R 4W** County **Rio Arriba**

Pit Type: Separator: _____ Dehydrator: _____ Other: **Drain Tank\Blow Pit**

Land Type: **Jicarilla Tribal**

Beginning Pit Dimensions: Length **18'** Width **24'** Depth **3'**

Pit Location: Ending Pit Dimensions: Length **28'** Width **32'** Depth **7'**
(Attach diagram)

Reference: Wellhead **XXX** Other: _____

Footage from reference: **115'**

Direction from reference: **308** Degrees **XX** East North **X**
West South

Depth To Groundwater:

(vertical distance from
contaminants to seasonal
high water elevation of
groundwater)

Less than 50 feet	(20 points)
50 feet to 99 feet	(10 points)
Greater than 100 feet	(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	(20 points)
No	(0 points)
	0

Distance To Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 200 feet	(20 points)
200 feet to 1000 feet	(10 points)
Greater than 1000 feet	(0 points)
	0

RANKING SCORE (TOTAL POINTS) **0**

Date Remediation Started:		<u>12/4/95</u>		Date Completed:		<u>12/14/95</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>184</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 7', 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>7'</u> <u>8 to 10" into pit sidewalls 10" into pit bottom</u>					
Sample Date		<u>12/14/95</u>		Sample Time		<u>3:55 P.M.</u>	
Sample results							
Benzene		(ppm)		<u>ND</u>			
Total BTEX		(ppm)		<u>0.27</u>			
Field Headspace		(ppm)		<u>12.12</u>			
TPH				<u>2400</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>	

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 N.M. 87401-7947</u>			
Facility or Well Name: <u>APACHE # 123</u>			
Location:	Unit or Qtr/Qtr	Sec	County
	<u>A</u>	<u>SEC 4</u>	<u>T 24N R 4W</u>
County <u>RIO ARRIBA</u>			
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>TANK DRAIN/BLOW PIT</u>
Land Type: <u>JIC. TRIBAL</u>			
Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>28'</u>	Width <u>32'</u> Depth <u>7'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>
	Footage from reference:	<u>115'</u>	
	Direction from reference:	<u>308</u> Degrees	East <u> </u> North <u>X</u>
		<u>XX</u> West	of 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: 12/4/95 Date Completed: 12/14/95

Remediation Method: Excavation XXX Approx. cubic yards 184
(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 7', took PID readings. spread soil on location for remediation. Took soil samples. Pit back filled w/ fill dirt

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 7' 8" to 10" into pit side walls, 10" into pit bottom.

Sample Date 12/14/95 Sample Time 3:55PM
Sample results

Soil:	Benzene	(ppm)	<u>ND</u>	Water:	Benzene	(ppb)	<u>NA</u>
	Total BTEX	(ppm)	<u>0.27</u>		Toluene	(ppb)	<u>NA</u>
	Field Headspace	(ppm)	<u>12.12</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>2400</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 5/26/98 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: Kevin C. Marshall DATE: 6-2-98

APACHE CORPORATION FARMINGTON DISTRICT
PIT EXCAVATION AND CLOSURE REPORT

LOCATION: APACHE 123
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	24'	18'	3'	PIT 1	32'	28'	7'	184.0
PIT 2				PIT 2				
PIT 3				PIT 3				
DATE: 12/04/95		PIT1@07'	PIT2@	PIT3@	DATE:	PIT1@	PIT2@	PIT3@
P. I. D.	CENTER	87.5			P. I. D.	CENTER		
	NW CORNER	41.2				NW CORNER		
	NE CORNER	86.2				NE CORNER		
	SW CORNER	30.6				SW CORNER		
	SE CORNER	82.0				SE CORNER		

NOTES:

12/04/95 - Hit clay-like shell @ 4'. Unable to distinguish staining from natural soil colorContinue excavation to 7'.

SOIL SAMPLING

DATE: 12/04/95		PIT1@07'	PIT2@	PIT3@	ANALYSIS RESULTS			PER LAB:	ASSAIGAI
P. I. D.	CENTER	87.5			PIT	TPH	BETEX	WITNESS	DATE
	NW CORNER	41.2			NO.				
	NE CORNER	86.2			1	1400	ND	IF&S	12/04/95
	SW CORNER	30.6			2				
	SE CORNER	82.0			3				

RE-SAMPLE OR CELL(S) SAMPLE

DATE: 12/14/95		PIT1@07'	PIT2@	PIT3@	ANALYSIS RESULTS			PER LAB:	ASSAIGAI
P. I. D.	CENTER	4.8			PIT	TPH	BETEX	WITNESS	DATE
	NW CORNER	21.9			NO.				
	NE CORNER	4.5			1	2400	.265	JDT	12/14/95
	SW CORNER	14.8			2				
	SE CORNER	14.6			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				

APACHE CORPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE APACHE # 123

* AMOUNT OF SOIL UNDERGOING REMEDIATION 184 Yds.

CELL No. <u>1</u>	SampDATE	TPH	BTEX
	5/12/98	820	ND
DIMENSIONS(LxWxH) <u>63' X 35' X 12"</u>			
CELL LOCATION (dir. from well head) <u>NORTHEAST</u>			
* DATE BEGAN: <u>12/4/95</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>5/12/98</u>			
CELL No. <u>2</u>	SampDATE	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) _____			
REMEDATION RECORD: (Date, Treatment, Tilling)			
12/7/95 TREAT SOIL WITH 28-4-4 FERTILIZER,WATER,PLOW AND TILL SOIL.			
6/23/97 TREAT SOIL WITH 46-0-0 FERTILIZER,40LBS PHOSPHORUS,17LBS LIME,WATER,PLOW,TILL SOIL.			
8/25/97 WATER,PLOW AND TILL SOIL.			
4/30/98 PLOWED SOIL.			
5/9/98 TILLED SOIL.			

From excavation reports.

[illegible]

Lab ID: 9512195-09A
Sample ID: AP #102-H

Collected: 12/14/95 15:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH ID
BTEX:SW846 8020A O-Xylene	0.26	mg/Kg	0.0010	50	12/27/95	SBTXME097

Lab ID: 9512195-09B
Sample ID: AP #102-H

Collected: 12/14/95 15:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH ID
HCS DIESEL/CAL DHS 8015M Diesel	1200	mg/Kg	5.0	100	01/05/96	SLFTD57
HCS DIESEL/CAL DHS 8015M	12/21/95	N/A				

Lab ID: 9512195-10A
Sample ID: AP #102-C

Collected: 12/14/95 15:40:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH ID
X/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	100	12/27/95	SBTXME097
Toluene	ND	mg/Kg	0.0010	100	12/27/95	SBTXME097
Ethylbenzene	ND	mg/Kg	0.0010	100	12/27/95	SBTXME097
P-&m-Xylene	ND	mg/Kg	0.0010	100	12/27/95	SBTXME097
O-Xylene	ND	mg/Kg	0.0010	100	12/27/95	SBTXME097

Lab ID: 9512195-10B
Sample ID: AP #102-C

Collected: 12/14/95 15:40:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH ID
HCS DIESEL/CAL DHS 8015M Diesel	600	mg/Kg	5.0	50	01/05/96	SLFTD57
HCS DIESEL/CAL DHS 8015M	12/21/95	N/A				

Lab ID: 9512195-11A
Sample ID: AP #122

Collected: 12/14/95 15:55:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH ID
BTEX:SW846 8020A						
Benzene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
Toluene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
Ethylbenzene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
P-&m-Xylene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
O-Xylene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097

Lab ID: 9512195-11B
 Sample ID: 9512195-11B

Collected: 12/14/95 15:55:00
 Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel	2400	mg/Kg	5.0	250	01/05/96	SLFTD57
HCs DSL XT/CAL DHS 8015M	12/21/95	N/A				

Lab ID: 9512195-12A
 Sample ID: AP #155-H

Collected: 12/14/95 16:10:00
 Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX SW846 8020A						
Benzene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
Toluene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
Ethylbenzene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
P-&m-Xylene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
O-Xylene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097

Lab ID: 9512195-12B
 Sample ID: AP #155-H

Collected: 12/14/95 16:10:00
 Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel	740	mg/Kg	5.0	250	01/06/96	SLFTD57
HCs DSL XT/CAL DHS 8015M	12/21/95	N/A				

Lab ID: 9512195-13A
 Sample ID: AP #123

Collected: 12/04/95 12:15:00
 Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX SW846 8020A						
Benzene	ND	mg/Kg	0.0010	500	12/18/95	SBTXME095
Toluene	ND	mg/Kg	0.0010	500	12/18/95	SBTXME095
Ethylbenzene	ND	mg/Kg	0.0010	500	12/18/95	SBTXME095
P-&m-Xylene	ND	mg/Kg	0.0010	500	12/18/95	SBTXME095
O-Xylene	ND	mg/Kg	0.0010	500	12/18/95	SBTXME095

Lab ID: 9512195-13B
 Sample ID: AP #123

Collected: 12/04/95 12:15:00
 Matrix: SOIL

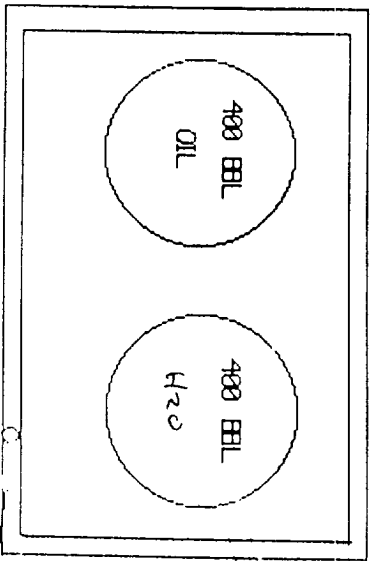
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel	7400	mg/Kg	5.0	250	12/22/95	SLFTD56
HCs DSL XT/CAL DHS 8015M	12/21/95	N/A				

GENERAL DRAINAGE

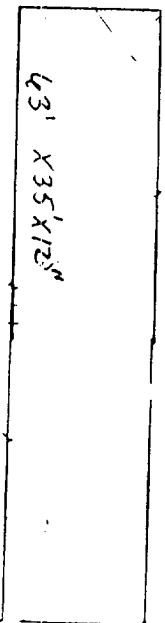


APACHE
APACHE NUMBER 123 Lease # JAT 127
NE/4 NE/4 (A)
SECTION 4, TOWNSHIP 24N, RANGE 4W
RIO ARriba COUNTY, NM

Revised 8/1/97 MC



Pit
Reclaimed
308' x 115' x 4'



SEPARATOR



PUMP JACK



LINE DRIP

Pit
Reclaimed
E PNB.

4" X 40' EPNB METER RUN



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 # 123</u>			
Location: Unit or Qtr/Qtr Sec <u>A</u> Sec <u>4</u> T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>			
Land Type <u>JIC. TRIBAL</u>			
Date Remediation Started: <u>12/4/95</u>		Date Completed: <u>5/12/98</u>	
Remediation Method: Landfarmed <u>XXX</u>		Approx. cubic yards <u>184</u>	
Composted <u> </u>			
Other <u> </u>			
Depth to Groundwater: (pts) <u>0</u>		Final Closure Sampling Sampling Date: <u>5/12/98</u> Time: <u>12:30PM</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>5/26/98</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 <u> </u> (REASON) <u> </u>			
SIGNED: <u>Kevin M. [Signature]</u>		DATE: <u>6-2-98</u>	

WELL NAME:

Apache #123

SAMPLE DATE:

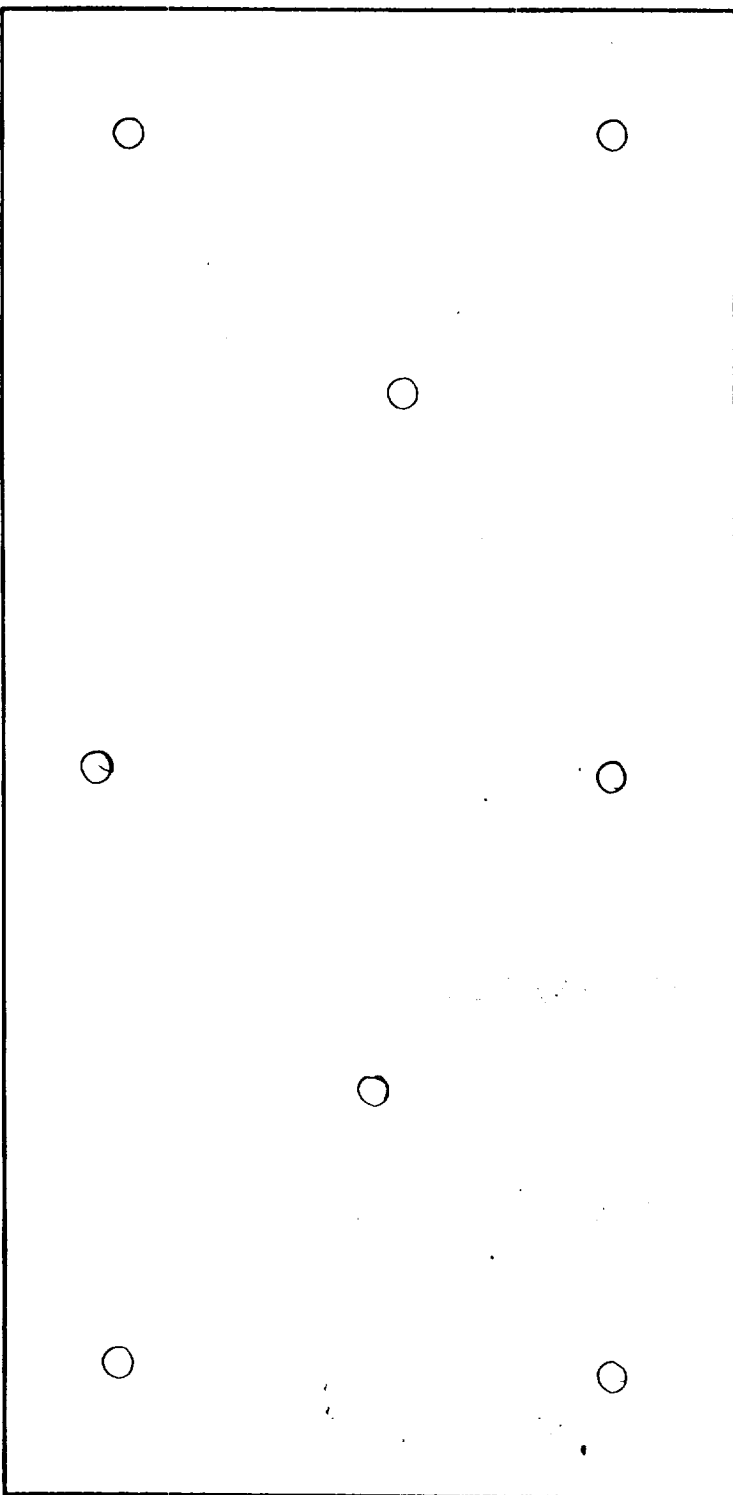
5-12-98

DIMENSIONS:

63' X 35' X 12'



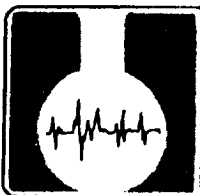
= SAMPLE AREA



NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

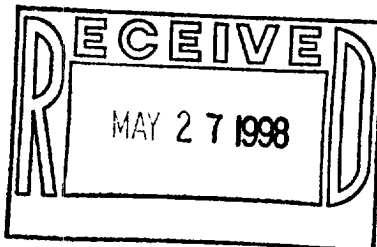
8 point Composite Sample



**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: **9805131 JICARILLA PIT CLOSURE**

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

Client Sample ID: **APACHE #123 CELL** Sample Matrix: **SOIL** Sample Collected: **05/12/98 12:30:00**

Fraction	QC Group	CAS #	Result	Units	Dilution Factor	Detection Limit *	Sequence	Run Date
SW846-8020 Volatiles								
9805131-01A	X98267	71-43-2	Benzene	ND	mg / Kg	50	0.005	XG.1998.464-22 05/15/98
	X98267	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005	XG.1998.464-22
	X98267	95-47-6	o-Xylene	ND	mg / Kg	50	0.005	XG.1998.464-22
	X98267		p/m Xylenes	ND	mg / Kg	50	0.01	XG.1998.464-22
	X98267	108-88-3	Toluene	ND	mg / Kg	50	0.005	XG.1998.464-22
SW846-8015 Modified TPH								
9805131-01B	X98268		Diesel Range Organics	820	mg / Kg	25	25	XG.1998.465-22 05/15/98

*** Sample specific analytical Detection Limit is determined by multiplying the sample Dilution Factor by the listed method Detection Limit. ***



Surrogate Summary: Fraction

Client: **APACHE CORPORATION**
 Project: **9805131 JICARILLA PIT CLOSURE**

* explanation of codes

D Not applicable due to sample dilution

Client
Sample ID **APACHE #123 CELL**

Sample
Matrix

SOIL

<u>Fraction</u>	<u>QC Group</u>	<u>Run ID</u>	<u>Surrogate</u>	<u>% Recovery</u>	<u>*</u>	<u>Run Group - #</u>	<u>Run Date</u>
SW846-8020 Volatiles							
9805131-01A	X98267	X98267-022	4-Bromofluorobenzene-FID	109		XG.1998.464 - 22	05/15/98
		X98267-022	4-Bromofluorobenzene-PID	102		XG.1998.464 - 22	
		X98267-022	aaa-Trifluorotoluene-FID	102		XG.1998.464 - 22	
		X98267-022	aaa-Trifluorotoluene-PID	97		XG.1998.464 - 22	
SW846-8015 Modified TPH							
9805131-01B	X98268	X98268-022	O-terphenyl	85		XG.1998.465 - 22	05/15/98



Chain of Custody Record

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

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

Lab job no. 53 Date 05/15/98

Page _____ of _____

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 Fax No. (505) 774-6624

Project Name / Number _____ Samplers: (Signature) Jeff Cross

Contract / Purchase Order / Quote _____

[illegible]