District III
1000 Rio Brazos Rd
Aztec, NM 87410

Bernard T. Trust
OIL & GAS INSPECTOR

DEC 1 7 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

RECEIVED
JUL 6 1999

PIT REMEDIATION AND CLOSURE REPORT

Approved

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

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

Facility or Well Name: **Apache # 125 #6**

Location: Unit or Qtr/Qtr Sec **J** **Sec 26** **T 25 N** **R 4W** County **Rio Arriba**

Pit Type: Separator: _____ Dehydrator _____ Other **Blow Pit**

Land Type: Jicarilla Tribal

Pit Location: (Attach diagram)

Beginning Pit Dimensions: Length **30'** Width **15'** Depth **4'**

Ending Pit Dimensions: Length **32'** Width **32'** Depth **15'**

Reference: Wellhead **XXX** Other _____

Footage from reference: **80'**

Direction from reference: **30** Degrees **X** East North **XX** of

_____ 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: 7/11/97 Date Completed: 5/21/98

Remediation Method: (Check all appropriate sections)
Excavation XXX Approx. cubic yards 450
Landfarmed XX Insitu Bioremediation
Other

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

General Description of Remedial Action: Excavate pit to 15', took PID readings. Spread soil on location for remediation. Took soil samples. Remediated soil to be put back in pit.

Groundwater Encountered: No XX Yes Depth

Final Pit:
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)

Sample location: 4 point composite taken from pit sidewalls and pit bottom center
Sample depth: 15' 8 to 10" into pit sidewalls 10" into pit bottom
Sample Date: 7/24/97 Sample Time: 9:00 A.M.
Sample results

Benzene	(ppm)	ND
Total BTEX	(ppm)	ND
Field Headspace	(ppm)	5.3
TPH		ND

Groundwater Sample: Yes No XX (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 June 24, 1998 **PRINTED NAME** Jeff Cross

SIGNATURE Jeff Cross **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: M W PETROLEUM Telephone 505-325-0318

Address: 304 N. BEHREND, FARMINGTON, N.M. 84701

Facility or Well Name: JAT 125 # 6

Location: Unit or Qtr/Qtr Sec J SEC 26 T 25N R 4W County RIO ARRIBA

Pit Type: Separator: _____ Dehydrator _____ Other BLOW PIT

Land Type: JIC. TRIBAL

Pit Location: (Attach diagram)
Pit Dimensions: Length 32' Width 32' Depth 15'

Reference: Wellhead XXX Other _____

Footage from reference: 80'

Direction from reference: 30 Degrees X East North XX of
_____ 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
Distance to an Ephemeral Stream: (Downgradient dry wash greater than ten feet in width	Less than 100 feet	(10 points)	
	Greater than 100 feet	(0 points)	0
Distance to Nearest Lake, Playa, or Watering Pond: (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 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 100 feet	(20 points)	
	100 feet to 1000 feet	(10 points)	
	Greater than 1000 feet	(0 points)	0
	RANKING SCORE (TOTAL POINTS)		0

Date Remediation Started: 7/11/97 Date Completed: 5-21-98

Remediation Method: (Check all appropriate sections)
Excavation XXX Approx. cubic yards 450
Landfarmed XX Insitu Bioremediation
Other

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

General Description of Remedial Action: Excavate pit to 15',took PID readings. spread soil on location for remidiation. Took soil samples. Remediated soil cell #2 To Be put Back In pit.

Groundwater Encountered: No XXX Yes Depth

Final Pit:
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)
Sample location 4 POINT COMPOSITE SAMPLE TAKEN 8 TO 10" INTO PIT SIDEWALLS,GRAB SAMPLE TAKEN 10" INTO PIT BOTTOM CENTER.
Sample depth 15' 8" to 10" into pit side walls ,10" into pit bottom.
Sample Date 7/24/97 Sample Time 9:00AM
Sample results

Soil:	Benzene	(ppm)	ND	Water:	Benzene	(ppb)	NA
	Total BTEX	(ppm)	ND		Toluene	(ppb)	NA
	Field Headspace	(ppm)	5.3		Ethylbenzene	(ppb)	NA
	TPH	(ppm)	ND\SIDES ND\BTM		Total Xylenes	(ppb)	NA

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 6-4-98 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: Kenneth C Maxwell DATE: 6-23-98

M W PETROLEUM/FARMINGTON DISTRICT
PIT EXCAVATION AND CLOSURE REPORT

LOCATION JAT 125 # 6

PIT COUNT 1

Jicarilla Apache Tribal EPO/OCD/BLM
Review and Approval
OCD--BLM
EPO Representative
Date of Review

		Excavation						
DIMENSIONS		START: 7/11/97			FINISH: 7/24/97			
	W	L	D		W	L	D	CU YDS
Pit 1	15'	30'	4'	Pit 1	32'	32'	15'	450
Pit 2				Pit 2				
Pit 3				Pit 3				

		Pit 1 @ 10'	Pit 2 @	Pit 3 @		Pit 1 @ 15'	Pit 2 @	Pit 3 @
PID	Center	356			Center	66		
	NW Corner	420			NW Corner	2		
	NE Corner	300			NE Corner	18		
	SW Corner	250			SW Corner	11		
	SE Corner	550			SE Corner	21		

NOTES:

7/11/97 START EXCAVATION ON PIT , HEAVY STAINING AND ODOR.
7/14/97 CONTINIUE EXCAVATION ON PIT , LIGHT STAINING , PID READINGS HIGH.
7/15/97 EXCAVATE SIDE WALLS ,REACHED FULL EXTENT OF BACKHOE.
7/24/97 BROUGHT IN TRACKHOE TO COMPLETE EXCAVATION OF PIT.
EXCAVATED TO 15' , TOOK PID READINGS - GOOD.
7/24/97 TOOK SOIL SAMPLES AND SENT TO ASSAIGAI LABS.

SOIL SAMPLING

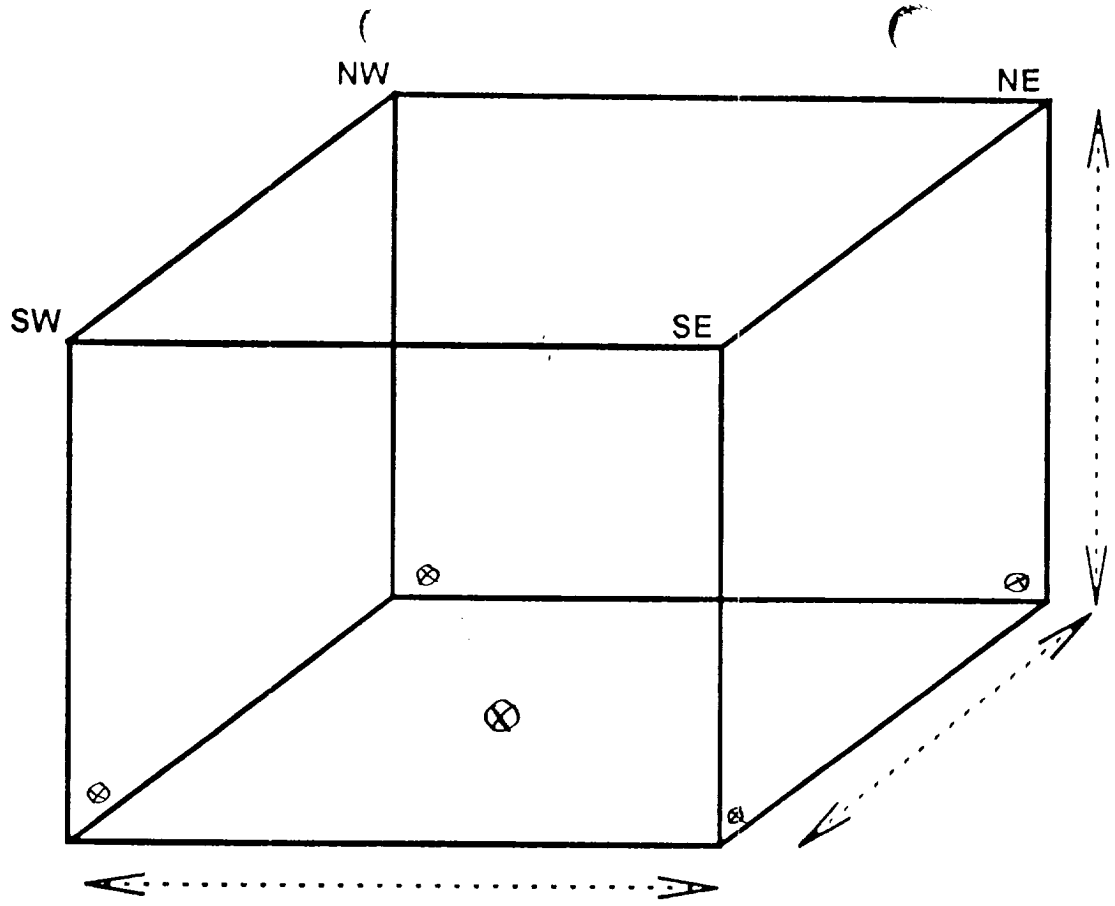
DATE: 7/24/97		Pit 1 @ 15'	Pit 2 @	Pit 3 @	ANALYSIS RESULTS			PER LAB	ASSAIGAI
PID	Center	8.3			PIT NO	TPH	BETEX	WITNESS	DATE
	NW Corner	11.4							
	NE Corner	2.6			1	ND	ND	JEFF C.	7/28/97
	SW Corner	1			2				
	SE Corner	3.2			3				

RE-SAMPLE OR CELL(S) SAMPLE

DATE:		Pit 1 @	Pit 2 @	Pit 3 @	ANALYSIS RESULTS			PER LAB	
PID	Center				PIT NO	TPH	BETEX	WITNESS	DATE
	NW Corner								
	NE Corner				1				
	SW Corner				2				
	SE Corner				3				

RE-SAMPLE OR CELL(S) SAMPLE

DATE:		Pit 1 @	Pit 2 @	Pit 3 @	ANALYSIS RESULTS			PER LAB	
PID	Center				PIT NO	TPH	BETEX	WITNESS	DATE
	NW Corner								
	NE Corner				1				
	SW Corner				2				
	SE Corner				3				



⊗ = SAMPLE AREA

WELL NAME JAT 125 #6 Pit

SAMPLE DATE 2-24-97

NOTES 4 POINT COMPOSITE SAMPLE TAKEN 8" TO 10" INTO PIT SIDEWALL

1 POINT GRAB SAMPLE TAKEN 10" TO 12" INTO BOTTOM CENTER

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

Report Generated:
July 31, 1997 13:22

CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE

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

ATTN: JEFF CROSS

WORKORDER # : 9707234
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 07/25/97

Lab ID: 9707234-01A
Sample ID: JAT 125 #6 PIT SIDES

Collected: 07/24/97 09:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/kg	0.0050	100	07/28/97	SBTXME180
Toluene	ND	mg/kg	0.0050	100	07/28/97	SBTXME180
Ethylbenzene	ND	mg/kg	0.0050	100	07/28/97	SBTXME180
P-&m-Xylene	ND	mg/kg	0.010	100	07/28/97	SBTXME180
O-Xylene	ND	mg/kg	0.0050	100	07/28/97	SBTXME180

Lab ID: 9707234-01B
Sample ID: JAT 125 #6 PIT SIDES

Collected: 07/24/97 09:00:00
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	25	25	07/30/97	SDRO44

Lab ID: 9707234-02A
Sample ID: JAT 125 #6 PIT BOTTOM

Collected: 07/24/97 09:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/kg	0.0050	100	07/28/97	SBTXME180
Toluene	ND	mg/kg	0.0050	100	07/28/97	SBTXME180
Ethylbenzene	ND	mg/kg	0.0050	100	07/28/97	SBTXME180
P-&m-Xylene	ND	mg/kg	0.010	100	07/28/97	SBTXME180
O-Xylene	ND	mg/kg	0.0050	100	07/28/97	SBTXME180

ID: 9707234-02B **Collected:** 07/24/97 09:30:00
Sample ID: JAT 125 #6 PIT BOTTOM **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	25	25	07/30/97	SDRO44

William P. Biava
President

WORKORDER COMMENTS

DATE : 07/31/97
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

Chain of Custody Record

ASSAIGAI ANALYTICAL LABORATORIES

ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

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

1910 N. BI(NG
MIDLAND, TE.. 79705
(915) 570-1116

MELQUIADES ALANIS
6411 LOCAL UNO
CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

Lab Job no. 7234 Date 7/25/97

Page 1 of 1

Client Apache Corporation

Address 304 N. Behrend

City / State / Zip Farmington, NM 87401

Project Name / Number JICARILLA PIT CLOSURES

Contract / Purchase Order / Quote

Project Manager / Contact Jeff Cross

Telephone No. (505) 774-6643

Fax No. (505) 774-6624

Samplers: (Signature) John Madrid

AAL Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation: Temp.	Preservation: Chemical	No. of Containers	BTEX	ORO (mod. 8015)	Remarks
1A	JAT 125#6 Pit Sides	7-24-97	9:00	Soil	40z Glass	4°C	ICE	1	X		
1B	" "		1					1		X	
2-A	JAT 125#6 Pit Bottom		9:30					1	X		
2B	" "		1					1		X	

Relinquished by: Signature Jeff Cross Printed JEFF CROSS Company Apache Corp. Reason

Date 7-25-97 Time 9:00

Received by: Signature Elvira S. Chavez Printed Elvira S. Chavez Company AAL Reason

Relinquished by: Signature Elvira S. Chavez Printed Elvira S. Chavez Company Reason

Date 7/25/97 Time 5:05 PM

Received by: Signature Carla Rubio Printed Carla Rubio Company AAL Reason

Method of Shipment:

Shipment No.

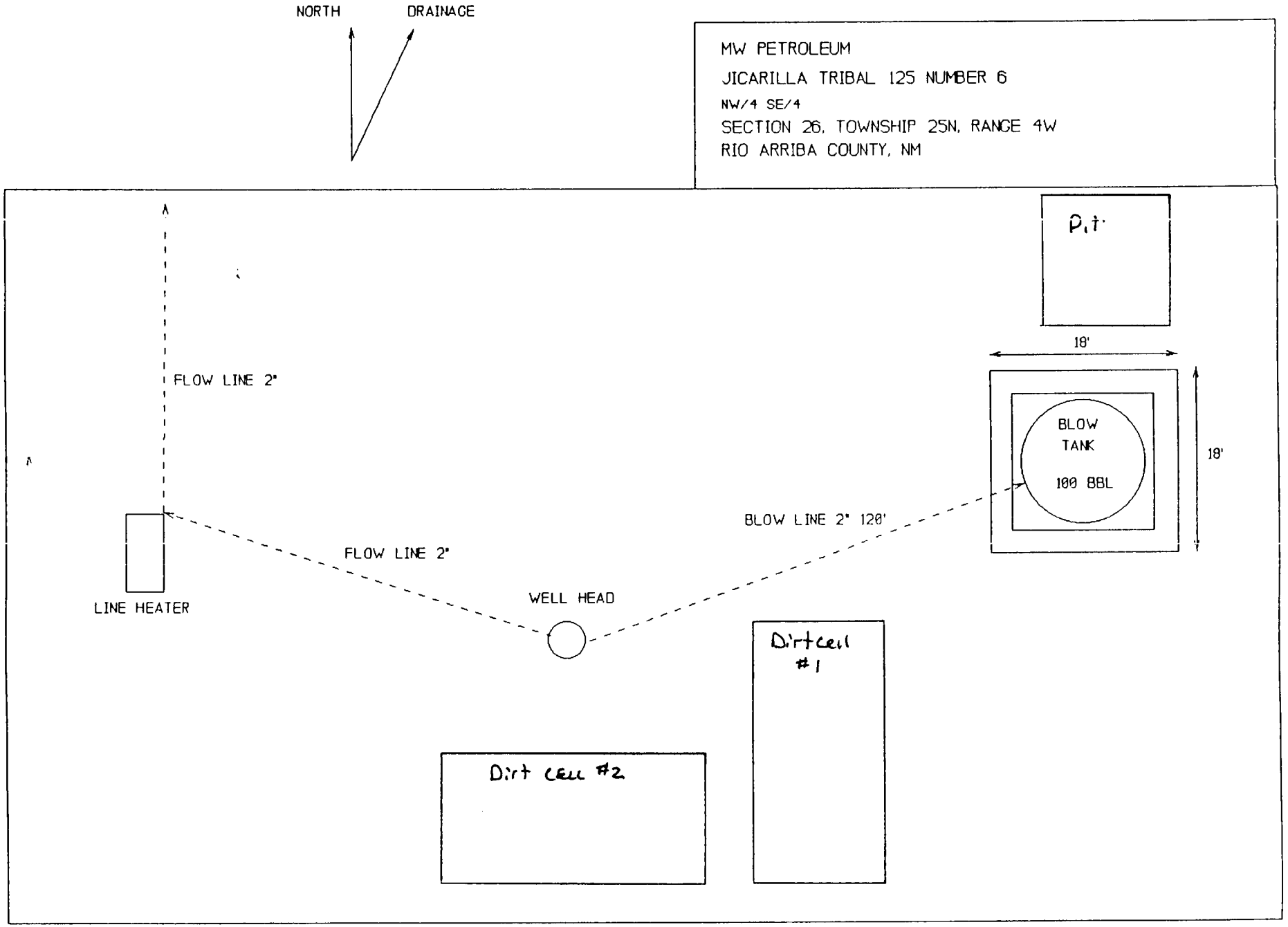
Special Instructions:

Comments:

After analysis, samples are to be:

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

LABORATORY


NORTH
DRAINAGE
MW PETROLEUM
JICARILLA TRIBAL 125 NUMBER 6
NW/4 SE/4
SECTION 26, TOWNSHIP 25N, RANGE 4W
RIO ARRIBA COUNTY, NM
Pit
18'
18'
BLOW TANK
100 BBL
FLOW LINE 2"
BLOW LINE 2" 120'
FLOW LINE 2"
LINE HEATER
WELL HEAD
Dirt cell #1
Dirt cell #2

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: M W PETROLEUM Telephone 505-325-0318

Address: 2855 SOUTHSIDE RIVER ROAD / SUITE A / FARMINGTON, N. M. 87401-7947

Facility or Well Name: JAT 125 # 6 CELL # 1

Location: Unit or Qtr/Qtr Sec J Sec 26 T 25 N R 4 W County RIO ARRIBA

Land Type JIC. TRIBAL

Date Remediation Started: 7/11/97 Date Completed: 5/21/98

Remediation Method: Landfarmed XXX Approx. cubic yards 150

Composted

Other Remediated soil TO Be put Back in pit

Depth to Groundwater:	(pts)	0
Distance to an Ephemeral Stream:	(pts)	0
Distance to Nearest Lake, Playa, or Watering Pond:	(pts)	0
Wellhead Protection Area:	(pts)	0
Distance To Surface Water:	(pts)	0
RANKING SCORE (TOTAL POINTS)		0

Final Closure Sampling

Sampling Date: 5/21/98 Time: 9:25AM

Sample Results:

Field Headspace (ppm) ND

TPH (ppm) ND Method M8015

Other BTEX \ SW846 , 8020A (ND)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE: 6/4/98 PRINTED NAME JEFF CROSS

SIGNATURE Jeff Cross TITLE PROJECT MANAGER

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION. ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON) use as Backfill

SIGNED: Kurt C. Mann DATE: 6-23-98

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: M W PETROLEUM Telephone 505-325-0318

Address: 2855 SOUTHSIDE RIVER ROAD / SUITE A / FARMINGTON, N. M. 87401-7947

Facility or Well Name: JAT 125 # 6 CELL # 2

Location: Unit or Qtr/Qtr Sec J Sec 26 T 25 N R 4 W County RIO ARRIBA

Land Type JIC. TRIBAL

Date Remediation Started: 7/11/97 Date Completed: 5/21/98

Remediation Method: Landfarmed XXX Approx. cubic yards 300

Composted

Other Remediated soil To Be put back in pit

Depth to Groundwater:	(pts)	0
Distance to an Ephemeral Stream:	(pts)	0
Distance to Nearest Lake, Playa, or Watering Pond:	(pts)	0
Wellhead Protection Area:	(pts)	0
Distance To Surface Water:	(pts)	0
RANKING SCORE (TOTAL POINTS)		0

Final Closure Sampling

Sampling Date: 5/21/98 Time: 9:35AM

Sample Results:

Field Headspace (ppm) ND

TPH (ppm) ND Method M8015

Other BTEX \ SW846 , 8020A (ND)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE: 6/4/98 PRINTED NAME JEFF CROSS

SIGNATURE Jeff Cross TITLE PROJECT MANAGER

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION. ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON) Used as Backfill

SIGNED: Kenneth C Maxwell DATE: 6-23-98

M W PETROLEUM/FARMINGTON DISTRICT
SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE **JAT 125 # 6**

* AMOUNT OF SOIL UNDERGOING REMEDIATION **450** Yds.

CELL No. **1**

DIMENSIONS(LxWxH) 90' X 45' X 12"

CELL LOCATION (dir. from well head SOUTHEAST

* DATE BEGAN: 7/11/97

DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) 5/21/98

SampDATE	TPH	BTEX
5/21/98	**ND**	**ND**

CELL No. **2**

DIMENSIONS(LxWxH) 120' X 70' X 12"

CELL LOCATION (dir. from well head NORTH

* DATE BEGAN: 7/11/97

DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) 5/21/98

SampDATE	TPH	BTEX
5/21/98	**ND**	**ND**

CELL No. **3**

DIMENSIONS(LxWxH)

CELL LOCATION (dir. from well head

* DATE BEGAN:

DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm)

SampDATE	TPH	BTEX

REMEDIATION RECORD: (Date, Treatment, Tilling)
7/13/97 TREAT SOIL WITH 46-0-0 FERTILIZER,WATER, PLOW AND TILL SOIL.
7/15/97 TILL SOIL.
8/7/97 WATER,PLOW AND TILL SOIL.
9/9/97 TILL SOIL.
10/20/97 TREAT SOIL WITH 87LBS PHOSPHORUS,110LBS LIME,WATER,PLOW AND TILL SOIL.
5/4/98 PLOW SOIL.
5/7/98 TILL SOIL.
5/21/98 PLOW AND TILL SOIL.

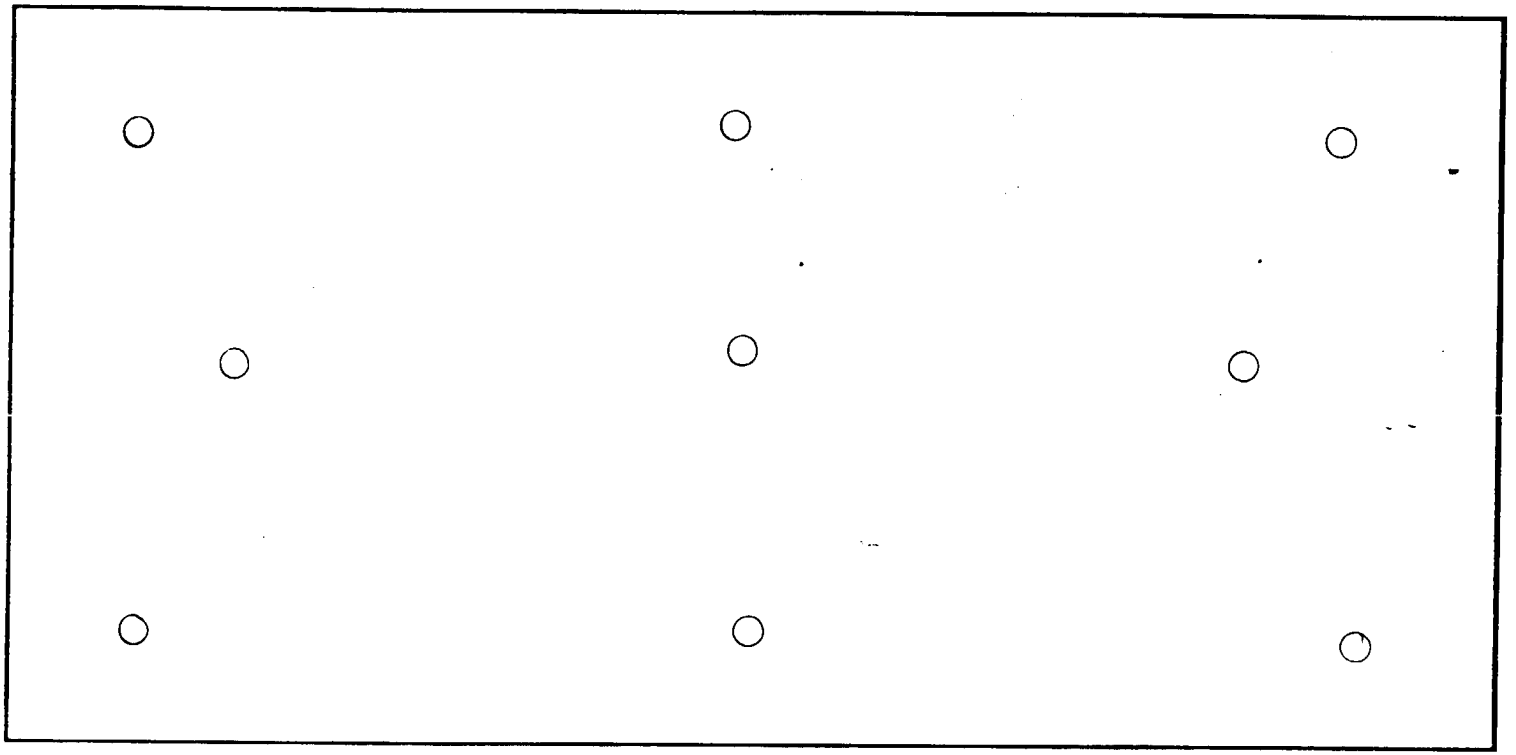
From excavation reports.

WELL NAME: JAT 125 #6 cell #1

SAMPLE DATE: 5-21-98

DIMENSIONS: 90'x 45'x12"

○ = SAMPLE AREA



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

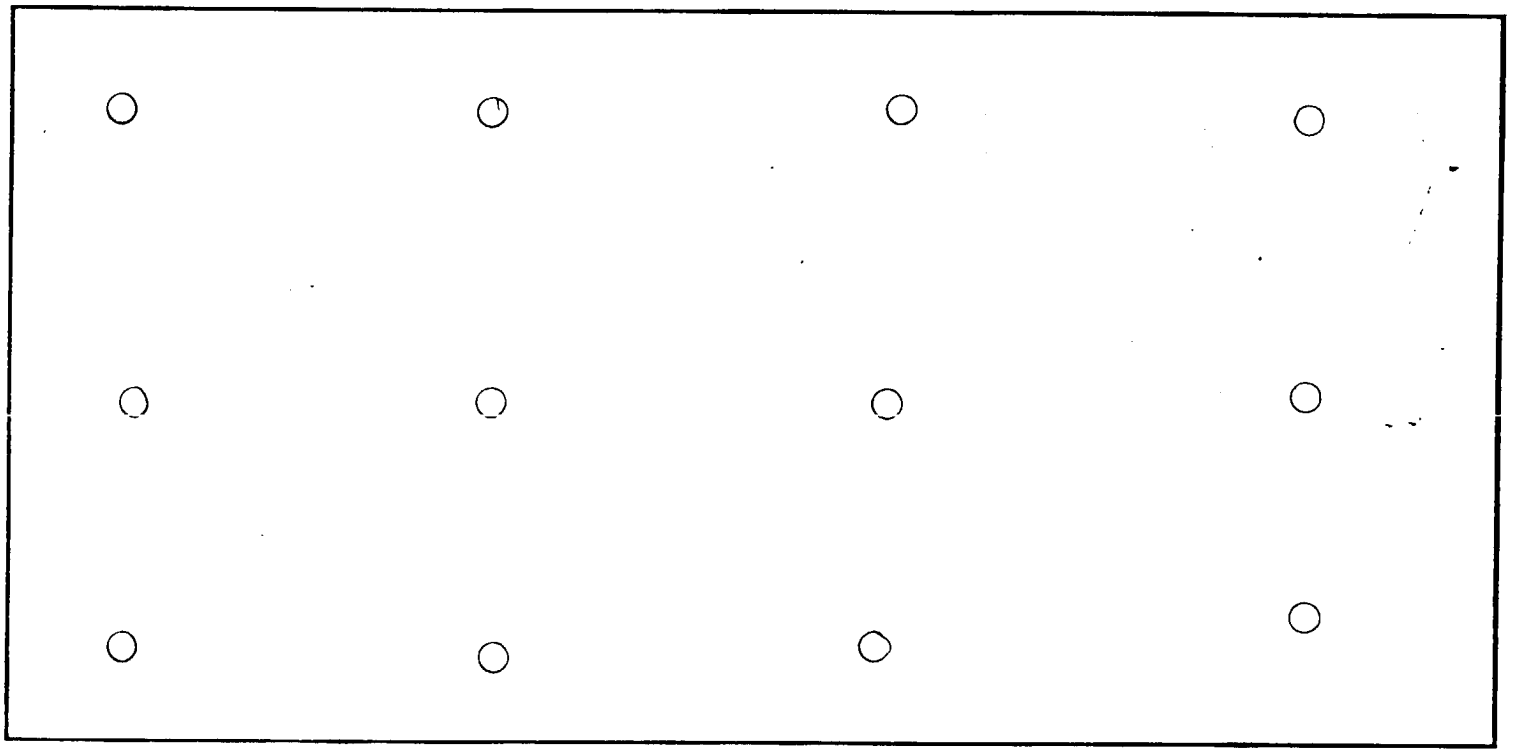
9 point composite Sample

WELL NAME: JAT 125 #6 Cell #2

SAMPLE DATE: 5-21-98

DIMENSIONS: 120' x 70' x 12"

○ = SAMPLE AREA

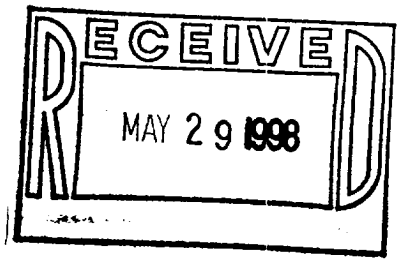


NOTES: ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

12 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: **9805214 JICARILLA**

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

Client Sample ID: ***JAT 125 #6 CELL #1*** Sample Matrix: ***SOIL*** Sample Collected: ***05/21/98 09:25:00***

Fraction	QC Group	CAS #		Result	Units	Dilution Factor	Detection Limit *	Sequence	Run Date
			SW846-8010/8020 Volatiles						
9805214-01A	X98288	71-43-2	Benzene	ND	mg / Kg	50	0.005	XG.1998.483-9	05/22/98
	X98288	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005	XG.1998.483-9	
	X98288	95-47-6	o-Xylene	ND	mg / Kg	50	0.005	XG.1998.483-9	
	X98288		P/M-Xylenes	ND	mg / Kg	50	0.01	XG.1998.483-9	
	X98288	108-88-3	Toluene	ND	mg / Kg	50	0.005	XG.1998.483-9	
			SW846-8015 Modified TPH						
9805214-01B	X98289		Diesel Range Organics	ND	mg / Kg	25	25	XG.1998.488-37	05/23/98

Client Sample ID: ***JAT 125 #6 CELL #2*** Sample Matrix: ***SOIL*** Sample Collected: ***05/21/98 09:35:00***

Fraction	QC Group	CAS #		Result	Units	Dilution Factor	Detection Limit *	Sequence	Run Date
			SW846-8010/8020 Volatiles						
9805214-02A	X98288	71-43-2	Benzene	ND	mg / Kg	50	0.005	XG.1998.483-8	05/22/98
	X98288	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005	XG.1998.483-8	
	X98288	95-47-6	o-Xylene	ND	mg / Kg	50	0.005	XG.1998.483-8	
	X98288		P/M-Xylenes	ND	mg / Kg	50	0.01	XG.1998.483-8	
	X98288	108-88-3	Toluene	ND	mg / Kg	50	0.005	XG.1998.483-8	
			SW846-8015 Modified TPH						
9805214-02B	X98289		Diesel Range Organics	ND	mg / Kg	25	25	XG.1998.488-38	05/23/98

ASSAIGAI ANALYTICAL LABORATORIES, INC.

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

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

Chain of Custody Record

Lab Job no.: 5214 Date: 5/22/98

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 87401-7947 — Fax No.: (505) 774-6624

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

Contract / Purchase Order / Quote: _____

AAL FRACTION NUMBER	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation: Temp.	Preservation: Chemical	No. of Containers	Analysis Required: BTEX	DRO	TKN	Remarks
1A	JAT 125 #6 cell #1	5-21-98	9:25	Soil	4 oz glass		Ice	1	X			
1B	1		1		4 oz glass			1		X		
2A	JAT 125 #6 cell #2		9:35		1			1	X			
2B	1		1		1			1		X		

Relinquished by:	Date	Received by:	Relinquished by:	Date	Received by:
Signature: Jeff Cross	5-22-98	Signature: Scott Pratt	Signature: Scott Pratt	22 MAY 98	Signature: Cindy Leland
Printed: JEFF CROSS	Time: 1:00	Printed: Scott Pratt	Printed: Scott Pratt	Time: 15:30	Printed: Cindy Leland
Company: Apache Corp		Company: AAL	Company: AAL		Company: AAL
Reason:		Reason:	Reason:		Reason:

Method of Shipment: _____

Shipment No.: _____

Special Instructions: _____

Comments: _____

After analysis, samples are to be:

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

LABORATORY