

DEC 17 1998

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

RECEIVED  
JUL 6 1998

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Apache Corporation Telephone: 505-325-0318  
Address: 2855 Southside River Road, Suite A, Farmington, NM 87401  
Facility or Well Name: Apache # 125 #9 Pit #1  
Location: Unit or Qtr/Qtr Sec M Sec 36 T 25 N R 4W County Rio Arriba  
Pit Type: Separator: \_\_\_\_\_ Dehydrator \_\_\_\_\_ Other Blow Pit  
Land Type: Jicarilla Tribal

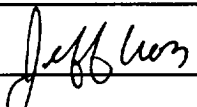
Beginning Pit Dimensions: Length 30' Width 30' Depth 4'  
Pit Location: Ending Pit Dimensions: Length 36' Width 30' Depth 12'  
(Attach diagram)  
Reference: Wellhead XXX Other \_\_\_\_\_  
Footage from reference: 150'  
Direction from reference: 162 Degrees X East North  
West of South XX

**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

<b>Date Remediation Started:</b>		<u>5/27/97</u>		<b>Date Completed:</b>		<u>5/30/97</u>	
<b>Remediation Method:</b> (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>320</u>	
		Landfarmed <u>XX</u>		Insitu Bioremediation			
		Other _____					
<b>Remediation Location:</b> (i.e. landfarmed onsite, name and location of offsite facility)		Onsite <u>XX</u>		Offsite _____			
<b>General Description of Remedial Action:</b>		<u>Excavate pit to 12', took PID readings.</u>					
		<u>Spread soil on location for remediation. Took soil samples. Cell # 1 &amp; 3 to be put back in pit.</u>					
		<u>Cell #2 to be spread on location</u>					
		_____					
		_____					
<b>Groundwater Encountered:</b>		No <u>XX</u>		Yes _____		Depth _____	
<b>Final Pit:</b>		<b>Sample location</b> <u>4 point composite taken from pit sidewalls and pit bottom center</u>					
<b>Closure Sampling:</b> (in multiple samples, attach sample results and diagram of sample locations and depths)		<b>Sample depth</b> <u>12'</u> <u>8 to 10" into pit sidewalls 10" into pit bottom</u>					
		<b>Sample Date</b> <u>5/30/97</u>		<b>Sample Time</b>		<u>10:00 A.M.</u>	
		<b>Sample results</b>					
		Benzene		(ppm)		<u>ND</u>	
		Total BTEX		(ppm)		<u>ND</u>	
		Field Headspace		(ppm)		<u>14.2</u>	
		TPH				<u>ND</u>	
<b>Groundwater Sample:</b>		Yes _____		No <u>XX</u>		(If yes attach sample results)	
<b>I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.</b>							
<b>DATE</b>		<u>June 24, 1998</u>		<b>PRINTED NAME</b>		<u>Jeff Cross</u>	
<b>SIGNATURE</b>		<u></u>		<b>AND TITLE</b>		<u>Project Manager</u>	

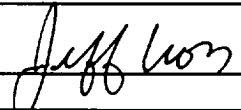
State of New Mexico  
Energy, Minerals and Natural Resources Department

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

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

## PIT REMEDIATION AND CLOSURE REPORT

Operator:		<b>Apache Corporation</b>		Telephone:		<b>505-325-0318</b>	
Address:		<b>2855 Southside River Road, Suite A, Farmington, NM 87401</b>					
Facility or Well Name:		<b>Apache # 125 #9 Pit #2</b>					
Location: Unit or Qtr/Qtr Sec		<b>M</b>	<b>Sec 36</b>	<b>T 25 N</b>	<b>R 4W</b>	County	<b>Rio Arriba</b>
Pit Type:	Separator:			Dehydrator	Other		<b>Blow Pit</b>
Land Type:		<b>Jicarilla Tribal</b>					
Beginning Pit Dimensions:		Length <b>15'</b>		Width <b>15'</b>		Depth <b>3'</b>	
Ending Pit Dimensions:		Length <b>20'</b>		Width <b>20'</b>		Depth <b>17'</b>	
(Attach diagram)							
Reference:		Wellhead <b>XX</b>		Other			
Footage from reference:		<b>120'</b>					
Direction from reference:		<b>250</b>		Degrees			
				East		North	
				<b>XX</b>		West	
						South	
						<b>X</b>	
<b>Depth To Groundwater:</b>		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)		<b>0</b>	
high water elevation of							
groundwater)							
<b>Wellhead Protection Area:</b>		Yes		(20 points)			
(Less than 200 feet from a private		No		( 0 points)		<b>0</b>	
domestic water source, or; less than							
1000 feet from all other water sources)							
<b>Distance To Surface Water:</b>		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)		<b>0</b>	
irrigation canals and ditches)							
RANKING SCORE (TOTAL POINTS)		<b>0</b>					

<b>Date Remediation Started:</b>		<u>6/20/97</u>	<b>Date Completed:</b>		<u>6/21/97</u>
<b>Remediation Method:</b> (Check all appropriate sections)		Excavation <u>XXX</u>	Approx. cubic yards		<u>207</u>
		Landfarmed <u>XX</u>	Insitu Bioremediation		
		Other _____			
<b>Remediation Location:</b> (i.e. landfarmed onsite, name and location of offsite facility)		Onsite <u>XX</u>	Offsite _____		
<b>General Description of Remedial Action:</b> <u>Excavate pit to 17', took PID readings.</u>					
<u>Spread soil on location for remediation. Took soil samples. Cell # 1 &amp; 3 to be put back in pit.</u>					
<u>Cell #2 to be spread on location</u>					
<b>Groundwater Encountered:</b> No <u>XX</u> Yes _____ Depth _____					
<b>Final Pit:</b>	Sample location <u>4 point composite taken from pit sidewalls and pit bottom center</u>				
<b>Closure Sampling:</b> (in multiple samples, attach sample results and diagram of sample locations and depths)	Sample depth <u>17'</u> <u>8 to 10" into pit sidewalls 10" into pit bottom</u>				
	Sample Date	<u>6/21/97</u>	Sample Time	<u>10:00 A.M.</u>	
	Sample results				
	Benzene	(ppm)	<u>ND</u>		
	Total BTEX	(ppm)	<u>ND</u>		
	Field Headspace	(ppm)	<u>94</u>		
	TPH		<u>3300\side</u> <u>4200\BTM</u>		
<b>Groundwater Sample:</b>	Yes _____	No <u>XX</u>	(If yes attach sample results)		
<b>I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.</b>					
<b>DATE</b>	<u>June 24, 1998</u>	<b>PRINTED NAME</b>	<u>Jeff Cross</u>		
<b>SIGNATURE</b>		<b>AND TITLE</b>	<u>Project Manager</u>		

Submit 1 copy to  
Natural Resource Dept.  
and Oil & Gas Administration

Operator: <u>M W PETROLEUM</u>		Telephone <u>505-325-0318</u>	
Address: <u>304 N. BEHREND, FARMINGTON, N.M. 84701</u>			
Facility or Well Name: <u>JAT 125 # 9 PIT # 1</u>			
Location: Unit or Qtr/Qtr Sec <u>M SEC 36 T 25N 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>36'</u> Width <u>30'</u> Depth <u>12'</u>			
(Attach diagram)			
Reference: Wellhead <u>XXX</u> Other <u>          </u>			
Footage from reference: <u>150'</u>			
Direction from reference: <u>162</u> Degrees <u>X</u> East		North <u>          </u>	
		of	
		West <u>          </u> South <u>XX</u>	
<b>Depth To Groundwater:</b>			
(vertical distance from		Less than 50 feet	(20 points) <u>          </u>
contaminants to seasonal		50 feet to 99 feet	(10 points) <u>          </u>
high water elevation of		Greater than 100 feet	( 0 points) <u>0</u>
groundwater)			
<b>Distance to an Ephemeral Stream:</b>			
(Downgradient dry wash greater than		Less than 100 feet	(10 points) <u>          </u>
ten feet in width		Greater than 100 feet	( 0 points) <u>0</u>
<b>Distance to Nearest Lake, Playa, or Watering Pond:</b>			
(Downgradient lakes, playas and		Less than 100 feet	(10 points) <u>          </u>
livestock or wildlife watering ponds)		Greater than 100 feet	( 0 points) <u>0</u>
<b>Wellhead Protection Area:</b>		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)			
<b>Distance To Surface Water:</b>			
(Horizontal distance to perennial		Less than 100 feet	(20 points) <u>          </u>
lakes, ponds, rivers, streams, creeks,		100 feet to 1000 feet	(10 points) <u>          </u>
irrigation canals and ditches)		Greater than 1000 feet	( 0 points) <u>0</u>
		RANKING SCORE (TOTAL POINTS) <u>0</u>	

Date Remediation Started: <u>5/27/97</u>		Date Completed: <u>5-30-97</u>	
Remediation Method: (Check all appropriate sections)	Excavation <u>XXX</u>	Approx. cubic yards	<u>320</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 12', took PID readings. spread soil on location for remediation. Took soil samples. Cell #1 &amp; 3 to be put back in pit Cell #2 to be spread on location.</u>			
Groundwater Encountered:	No <u>XXX</u>	Yes _____	Depth _____
Final Pit:	Sample location <u>4 POINT COMPOSITE SAMPLE TAKEN 8 TO 10" INTO PIT</u>		
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)	<u>SIDEWALLS, GRAB SAMPLE TAKEN 10" INTO PIT BOTTOM CENTER.</u>		
	Sample depth <u>12'</u>	<u>8" to 10" into pit side walls, 10" into pit bottom.</u>	
	Sample Date <u>5/30/97</u>	Sample Time	<u>10:00AM</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>14.2</u>	Ethylbenzene (ppb) <u>NA</u>
	TPH (ppm)	<u>ND SIDES</u>	Total Xylenes (ppb) <u>NA</u>
		<u>ND BTM</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>6-8-98</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>Kenneth M. M...</u>	DATE: <u>6-23-98</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

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: <u>M W PETROLEUM</u>		Telephone <u>505-325-0318</u>																										
Address: <u>304 N. BEHREND, FARMINGTON, N.M. 84701</u>																												
Facility or Well Name: <u>JAT 125 # 9 PIT # 2</u>																												
Location:	Unit or Qtr/Qtr	Sec <u>M</u>	SEC 36 T 25N R 4W County <u>RIO ARRIBA</u>																									
Pit Type:	Separator: <u>          </u>	Dehydrator <u>          </u>	Other <u>BLOW PIT</u>																									
Land Type: <u>JIC. TRIBAL</u>																												
<table border="0" style="width: 100%;"> <tr> <td>Pit Location:</td> <td>Pit Dimensions:</td> <td>Length <u>20'</u></td> <td>Width <u>20'</u></td> <td>Depth <u>17'</u></td> </tr> <tr> <td>(Attach diagram)</td> <td>Reference:</td> <td>Wellhead <u>XXX</u></td> <td>Other <u>          </u></td> <td></td> </tr> <tr> <td></td> <td>Footage from reference:</td> <td><u>120'</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Direction from reference:</td> <td><u>250</u> Degrees</td> <td><u>          </u> East</td> <td>North</td> </tr> <tr> <td></td> <td></td> <td></td> <td><u>XX</u> West</td> <td>of South <u>X</u></td> </tr> </table>				Pit Location:	Pit Dimensions:	Length <u>20'</u>	Width <u>20'</u>	Depth <u>17'</u>	(Attach diagram)	Reference:	Wellhead <u>XXX</u>	Other <u>          </u>			Footage from reference:	<u>120'</u>				Direction from reference:	<u>250</u> Degrees	<u>          </u> East	North				<u>XX</u> West	of South <u>X</u>
Pit Location:	Pit Dimensions:	Length <u>20'</u>	Width <u>20'</u>	Depth <u>17'</u>																								
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	Direction from reference:	<u>250</u> Degrees	<u>          </u> East	North																								
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(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																												
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<b>Distance to an Ephemeral Stream:</b>		Less than 100 feet	(10 points) <u>          </u>																									
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lakes, ponds, rivers, streams, creeks,		Greater than 1000 feet	( 0 points) <u>0</u>																									
irrigation canals and ditches)																												
		<b>RANKING SCORE (TOTAL POINTS)</b>	<u>0</u>																									

Date Remediation Started: 6/20/97 Date Completed: 6-21-97

Remediation Method: Excavation XXX Approx. cubic yards 207  
(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 17', took PID readings. spread soil on location for remediation. Took soil samples. Cell #1 & 3 to be put back in pits. Cell #2 to be spread on location

Groundwater Encountered: No XXX Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location 4 POINT COMPOSITE SAMPLE TAKEN 8 TO 10" INTO PIT

Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths) SIDEWALLS, GRAB SAMPLE TAKEN 10" INTO PIT BOTTOM CENTER.  
Sample depth 17' 8" to 10" into pit side walls, 10" into pit bottom.

Sample Date 6/21/97 Sample Time 10:00AM  
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>94</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>3300\SIDE</u> <u>4200\BTM</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 6-8-98 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: Ken C Mammall DATE: 6-23-98



# M W PETROLEUM/FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCATION JAT 125 # 9

PIT COUNT 2

Jicarilla Apache Tribal EPO/OCD/BLM

Review and Approval

OCD--BLM

EPO Representative

Date of Review

Excavation								
DIMENSIONS		START: PIT # 1 5/27/97, PIT # 2 6/20/97 FINISH: IT # 1,5/30/9 PIT #2,6/21/97						
	W	L	D		W	L	D	CU YDS
Pit 1	30'	30'	4'	Pit 1	30'	36'	12'	320
Pit 2	15'	15'	3'	Pit 2	20'	20'	17'	207
Pit 3				Pit 3				
	Pit 1 @ 8'	Pit 2 @ 7'	Pit 3 @		Pit 1 @ 12'	Pit 2 @ 17'	Pit 3 @	
P	Center	1800	2500+	P	Center	30	125	
I	NW Corner	1550	2500+	I	NW Corner	2	98	
D	NE Corner	1600	2500+	D	NE Corner	15	105	
	SW Corner	1930	2500+		SW Corner	18	77	
	SE Corner	1800	2500+		SE Corner	6	65	

## NOTES:

5/27/97 START EXCAVATION ON PIT # 1, LIGHT STAINING DOWN TO 8', PID HIGH.

5/28/97 EXCAVATE PIT TO 10', LIGHT STAINING AND ODOR, PID READINGS HIGH.

5/29/97 EXCAVATE PIT TO 12', NO STAINING OR ODOR.

5/30/97 EXCAVATE PIT SIDE WALLS, PULLED OUT STAINS, PID READINGS GOOD

6/20/97 START EXCAVATION ON PIT # 2 DOWN TO 7', PID READINGS HIGH.

6/21/97 EXCAVATE DOWN TO 17' PID READINGS GOOD.

PIT#1,5/30/97

## SOIL SAMPLING

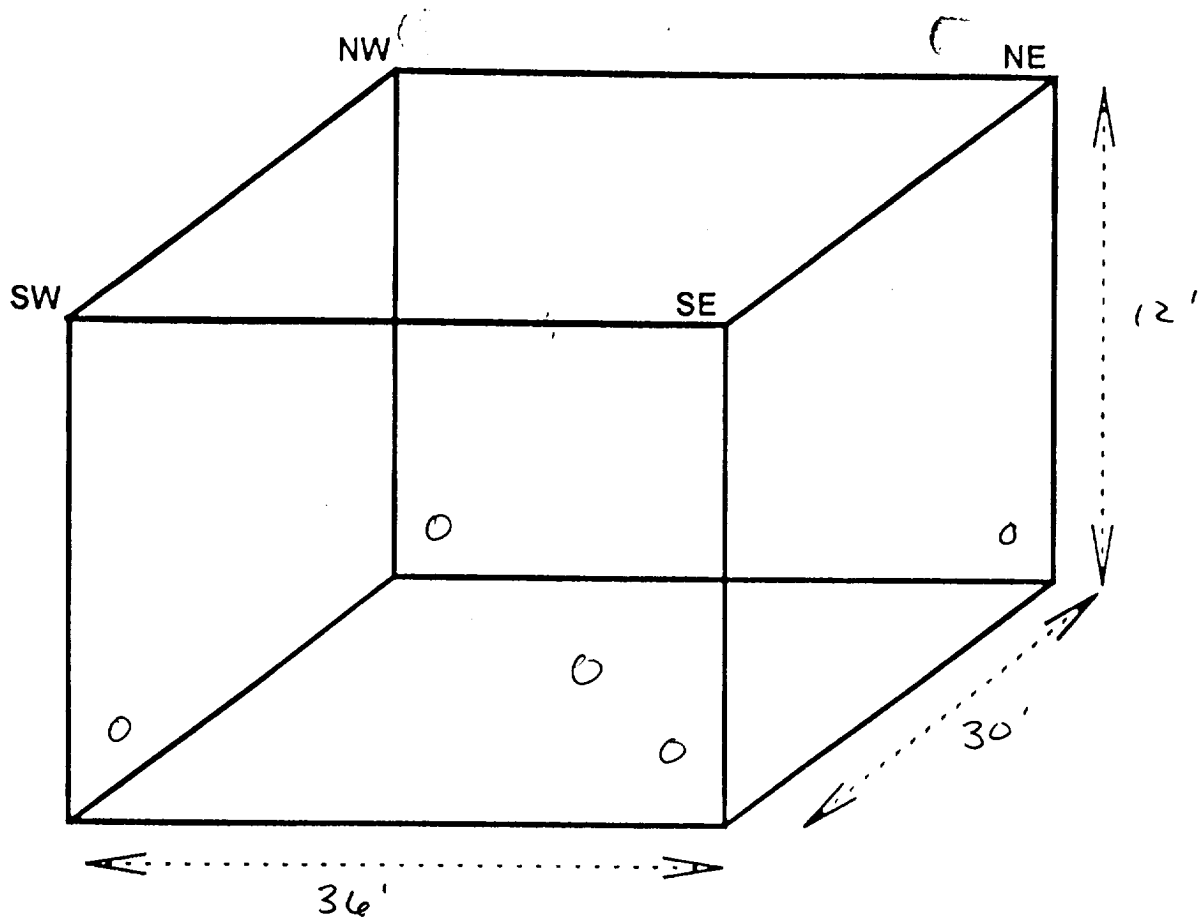
DATE: PIT#2,6/21/97		Pit 1 @ 12'	Pit 2 @ 17'	Pit 3 @	ANALYSIS RESULTS			PER LAB	ASSAIGAI
P	Center	30	125		PIT NO	TPH	BETEX	WITNESS	DATE
I	NW Corner	2	98			SIDE\BTM	SIDE\BTM		
D	NE Corner	15	105		1	ND\ND	ND\ND	JEFF C.	6/9/97
	SW Corner	18	77		2	3300\4200	ND\ND	JEFF C.	6/24/97
	SE Corner	6	65		3				

## RE-SAMPLE OR CELL(S) SAMPLE

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



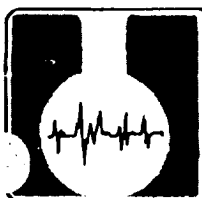
○ = SAMPLE AREA

WELL NAME JAT 125 #9 pit #1

SAMPLE DATE 5-30-97

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

JUN 24 1997

Report Generated:  
June 11, 1997 15:09

**CERTIFICATE OF ANALYSIS  
RESULTS BY SAMPLE**

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

WORKORDER # : 9706040  
WORK ID : JICARILLA PIT CLOSURES  
CLIENT CODE : APA01  
DATE RECEIVED : 06/04/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9706040-01A

Sample ID: JAT 125 #9 PIT #1 SIDES

Collected: 05/30/97 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	500	06/09/97	SBTXME167
Toluene	ND	mg/Kg	0.0010	500	06/09/97	SBTXME167
Ethylbenzene	ND	mg/Kg	0.0010	500	06/09/97	SBTXME167
P-&m-Xylene	ND	mg/Kg	0.0020	500	06/09/97	SBTXME167
O-Xylene	ND	mg/Kg	0.0010	500	06/09/97	SBTXME167
Dir Range OG Soil/M8015						
L Range OG in Soil	ND	mg/Kg	50	25	06/06/97	SDRO31

Lab ID: 9706040-01B

Sample ID: JAT 125 #9 PIT #1 SIDES

Collected: 05/30/97 10:00:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
CANCELLED SAMPLE	N/A	N/A				

Lab ID: 9706040-02A

Sample ID: JAT 125 #9 PIT #1 BOTTOM

Collected: 05/30/97 10:30:00

Matrix: SOIL

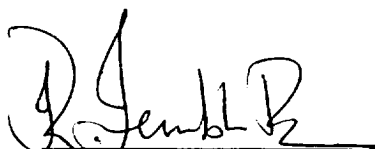
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	500	06/09/97	SBTXME167
Toluene	ND	mg/Kg	0.0010	500	06/09/97	SBTXME167
Ethylbenzene	ND	mg/Kg	0.0010	500	06/09/97	SBTXME167
P-&m-Xylene	ND	mg/Kg	0.0020	500	06/09/97	SBTXME167
O-Xylene	ND	mg/Kg	0.0010	500	06/09/97	SBTXME167



**ID:** 9706040-02B  
**Sample ID:** JAT 125 #9 PIT #1 BOTTOM

**Collected:** 05/30/97 10:30:00  
**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	06/07/97	SDRO31

  
for William P. Biava  
President

## **WORKORDER COMMENTS**

DATE : 06/11/97

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.

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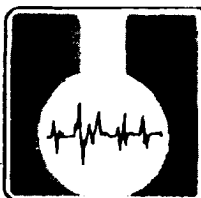
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### **REPORT COMMENTS**

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**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 16:49

**CERTIFICATE OF ANALYSIS  
RESULTS BY SAMPLE**

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

WORKORDER # : 9706226  
WORK ID : JICARILLA PIT CLOSURES  
CLIENT CODE : APA01  
DATE RECEIVED : 06/23/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9706226-01A

Sample ID: JAT 125 #9 SIDES *p.t #2*

Collected: 06/21/97 10:00:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/kg	0.0050	100	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: 9706226-01B *p.t #2*

Sample ID: JAT 125 #9 SIDES

Collected: 06/21/97 10:00:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015						
Diesel Range OG in Soil	3300	mg/Kg	50	25	06/28/97	SDRO037

Lab ID: 9706226-02A *p.t #2*

Sample ID: JAT 125 #9 BOTTOM

Collected: 06/21/97 10:15:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND*	mg/kg	0.0050	1000	06/25/97	SMSVOA453
Toluene	ND*	mg/kg	0.0050	1000	06/25/97	SMSVOA453
Ethylbenzene	ND*	mg/kg	0.0050	1000	06/25/97	SMSVOA453
P-&m-Xylene	ND*	mg/kg	0.010	1000	06/25/97	SMSVOA453
O-Xylene	ND*	mg/kg	0.0050	1000	06/25/97	SMSVOA453





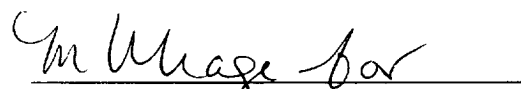
ID: 9706226-02B

Sample ID: JAT 125 #9 BOTTOM pit #2

Collected: 06/21/97 10:15:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015 Diesel Range OG in Soil	4200	mg/Kg	50	25	06/28/97	SDRO037

  
William P. Biava  
President

## **WORKORDER COMMENTS**

DATE : 06/30/97  
WORKORDER: 9706226

### **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**

\*Please note: Sample 02A was analyzed by GC/MS method SW846-8240.

---



# Chain of Custody Record

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

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

1910 N. BIG SPRING  
MIDLAND, TEXAS 79705  
(915) 570-1116

MELQUIADES ALANIS  
6411 LOCAL UNO  
CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

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 Smith*

AAI INJECTION NUMBER	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation Temp.	Chemical
01A	JAT 125 #9 Side 2	6-21-97	10:00	Soil	402 Glass		ICE
01B	"						
02A	JAT 125 #9 Bottom		10:15				
02B							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
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50							

Relinquished by: Signature <i>Jeff Cross</i> Printed JEFF CROSS Company Apache Corp. Reason	Received by: Signature <i>Scott Pratt</i> Printed SCOTT PRATT Company AAP Reason	Date 6-23-97 Time 15:30
Comments:		
Method of Shipment:		
Shipment No.:		
Special Instructions:		

Date 6/24/97 Time 8:00 AM	Received by: Signature <i>Eileen Ryan</i> Printed Eileen Ryan Company AAP Reason
After analysis, samples are to be: <input type="checkbox"/> Disposed of (additional fee) <input type="checkbox"/> Stored (30 days max) <input type="checkbox"/> Stored over 30 days (additional fee) <input type="checkbox"/> Returned to customer	

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>M W PETROLEUM</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>JAT 125 # 9 CELL # 1</u>			
Location: Unit or Qtr/Qtr Sec		SW\SW Sec 36 T 25N R 4W County <u>RIO ARRIBA</u>	
Land Type <u>JIC. TRIBAL</u>			
Date Remediation Started: <u>5-27-97</u>		Date Completed: <u>5/19/98</u>	
Remediation Method: Landfarmed		<u>XXX</u> Approx. cubic yards <u>178</u>	
Composted		<u>                    </u>	
Other		<u>Remediated Soil To Be put Back in pt</u>	
Depth to Groundwater: (pts) <u>0</u>		<b>Final Closure Sampling</b> Sampling Date: <u>5/19/98</u> Time: <u>10:35PM</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>			
<b>RANKING SCORE (TOTAL POINTS)</b> <u>0</u>			
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE: <u>6/8/98</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>use as Backfill</u>			
SIGNED: <u>Kenneth M...</u>		DATE: <u>6-23-98</u>	

North

Drainage

MMV PETROLEUM  
JICARILLA APACHE 125 NUMBER 9  
SW/4 SW/4  
SECTION 36, TOWNSHIP 25N, RANGE 4W  
RIO ARriba COUNTY, NM  
Revised 6/10/97 MG

120' x 40' x 12"  
Cell #1

200' x 30' x 12"  
Cell #2

Blow Tank  
100 Bbl

Well Head

Pit #2

120' x 30'  
250' x 30'

150' x 30' x 12"  
Cell #3

Pit #1

162' SSE  
150' from

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>M W PETROLEUM</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>JAT 125 # 9 CELL # 2</u>	
Location: Unit or Qtr/Qtr Sec <u>SW\SW Sec 36</u> T <u>25N</u> R <u>4W</u> County <u>RIO ARRIBA</u>	
Land Type <u>JIC. TRIBAL</u>	
Date Remediation Started: <u>5-27-97</u> Date Completed: <u>5/19/98</u>	
Remediation Method: Landfarmed <u>XXX</u> Approx. cubic yards <u>222</u>	
Composted _____	
Other <u>Remediated soil to be spread on location.</u>	
Depth to Groundwater: (pts) <u>0</u>	<b>Final Closure Sampling</b> Sampling Date: <u>5/19/98</u> Time: <u>10:45PM</u> Sample Results: Field Headspace (ppm) <u>ND</u> TPH (ppm) <u>950</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>	
<b>RANKING SCORE (TOTAL POINTS)</b> <u>0</u>	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF	
DATE: <u>6/8/98</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) <u>Not for use as Backfill</u>	
SIGNED: <u>Kevin C. M...</u> DATE: <u>6-23-98</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>M W PETROLEUM</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>JAT 125 # 9 CELL # 3</u>	
Location: Unit or Qtr/Qtr Sec <u>SW\SW Sec 36</u> T <u>25N</u> R <u>4W</u> County <u>RIO ARRIBA</u>	
Land Type <u>JIC. TRIBAL</u>	
Date Remediation Started: <u>6-20-97</u> Date Completed: <u>5/19/98</u>	
Remediation Method: Landfarmed <u>XXX</u> Approx. cubic yards <u>167</u>	
Composted _____	
Other <u>Remediated soil to be put back in pit.</u>	
Depth to Groundwater: (pts) <u>0</u>	<b>Final Closure Sampling</b> Sampling Date: <u>5/19/98</u> Time: <u>10:55PM</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>	
<b>RANKING SCORE (TOTAL POINTS)</b> <u>0</u>	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF	
DATE: <u>6/8/98</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) <u>use as Backfill</u>	
SIGNED: <u>Kevin M. M...</u> DATE: <u>6-23-98</u>	

# M W PETROLEUM/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE JAT 125 # 9

\* AMOUNT OF SOIL UNDERGOING REMEDIATION 527 Yds.

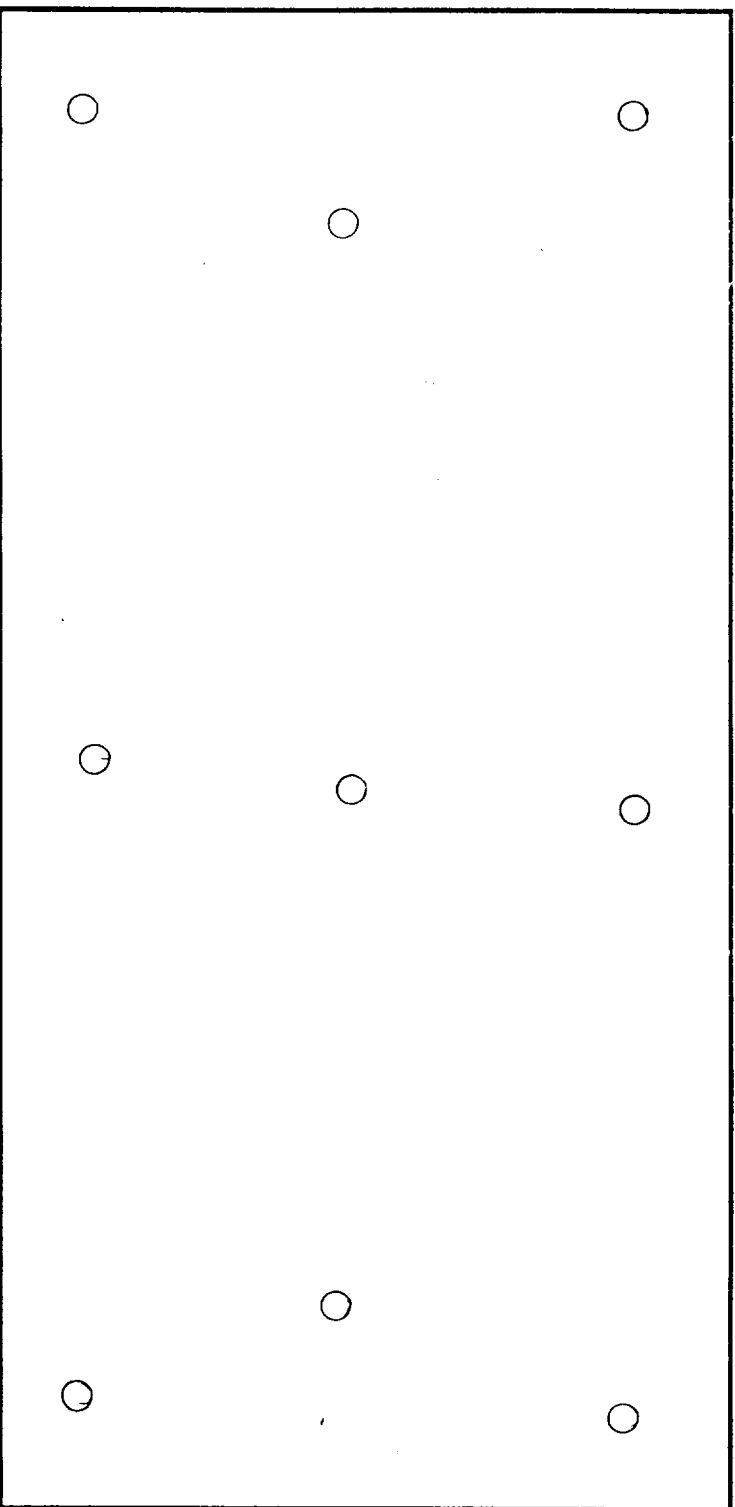
CELL No. <u>1</u>	SampDATE <b>5/19/98</b>	TPH <b>ND</b>	BTEX <b>ND</b>
DIMENSIONS(LxWxH) <u>120' X 40' X 12"</u>			
CELL LOCATION (dir. from well head) <u>NORTHWEST</u>			
* DATE BEGAN: <u>5/27/97</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>5/19/98</u>			
CELL No. <u>2</u>	SampDATE <b>5/19/98</b>	TPH <b>950</b>	BTEX <b>ND</b>
DIMENSIONS(LxWxH) <u>200' X 30' X 12"</u>			
CELL LOCATION (dir. from well head) <u>WEST</u>			
* DATE BEGAN: <u>5/27/97</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>5/19/98</u>			
CELL No. <u>3</u>	SampDATE <b>5/19/98</b>	TPH <b>ND</b>	BTEX <b>ND</b>
DIMENSIONS(LxWxH) <u>150' X 30' X 12"</u>			
CELL LOCATION (dir. from well head) <u>SOUTH</u>			
* DATE BEGAN: <u>6/20/97</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>5/19/98</u>			
REMEDICATION RECORD: (Date, Treatment, Tilling)			
5/30/97 TREAT CELLS # 1 & 2 WITH 46-0-0 FERTILIZER, WATER, PLOW AND TILL SOIL.			
6/2/97 TILL SOIL ON CELLS # 1 & 2.			
6/23/97 TREAT CELL # 3 WITH 46-0-0 FERTILIZER, WATER, PLOW AND TILL SOIL.			
6/23/97 WATER, PLOW AND TILL SOIL ON CELLS # 1 & 2.			
7/15/97 TILL SOIL ON ALL CELLS.			
8/7/97 WATER, PLOW AND TILL ALL CELLS.			
9/9/97 TILL ALL CELLS.			
5/1/98 PLOWED ALL CELLS. 5/10/98 TILLED ALL CELLS. 5/18/98 PLOW AND TILL ALL CELLS.			

\* FROM EXCAVATION REPORTS.



WELL NAME: JAT 125 #9 cell #1  
SAMPLE DATE: 5-19-98  
DIMENSIONS: 120' x 40' x 12"

 = SAMPLE AREA



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

9 point composite sample

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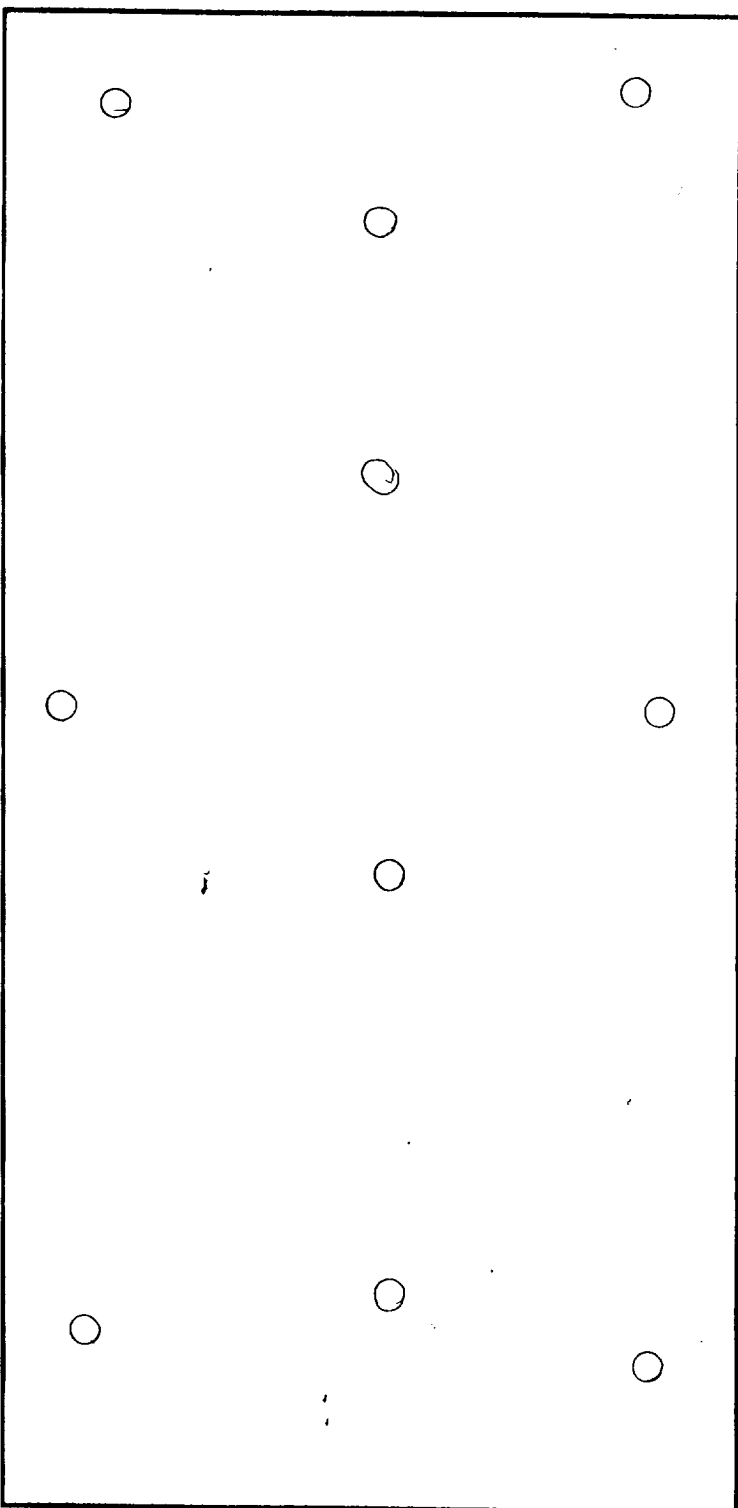
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WELL NAME: SAT 125<sup>th</sup>9 cell #2  
SAMPLE DATE: 5-19-98  
DIMENSIONS: 200' x 30' x 12"



= SAMPLE AREA



NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

10 point composite sample

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WELL NAME:

SAT 125-49 cell #3

SAMPLE DATE:

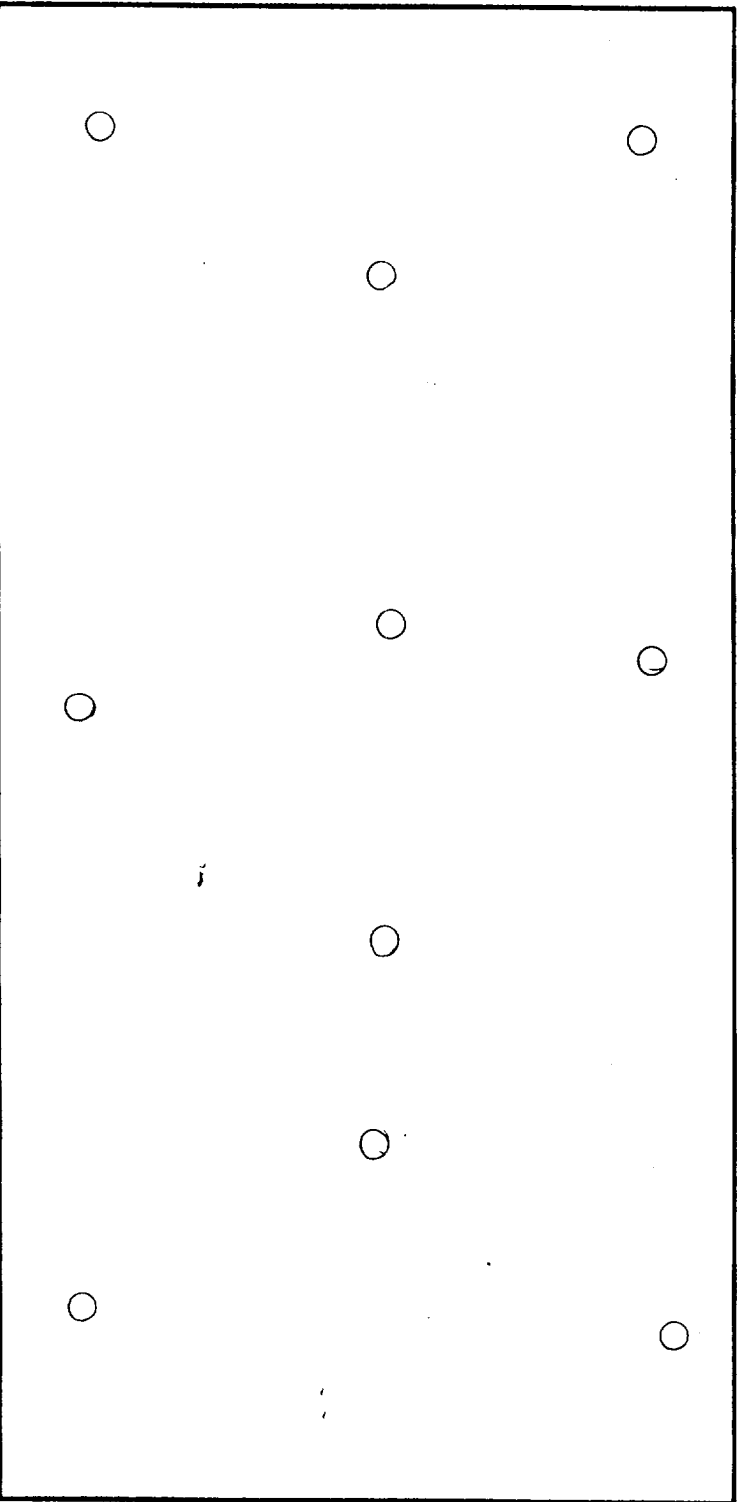
5-19-58

DIMENSIONS:

150' x 30' x 12"



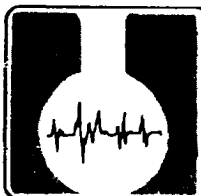
= SAMPLE AREA



NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

10 point composite sample

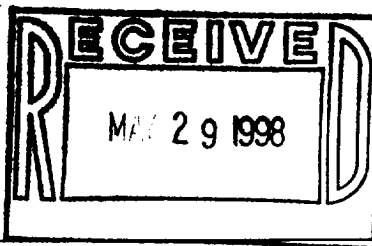


# ASSAIGAI ANALYTICAL LABORATORIES, INC.

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: 9805201 JICARILLA

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

Client Sample ID: JAT 125 #9 CELL #1 Sample Matrix: SOIL Sample Collected: 05/19/98 10:35:00

Fraction	QC Group	CAS #	Result	Units	Dilution Factor	Detection Limit	*	Sequence	Run Date
<b>SW846-8020 Volatiles</b>									
9805201-01A	X98285	71-43-2	Benzene	ND	mg / Kg	50	0.005	XG.1998.484-7	05/22/98
	X98285	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005	XG.1998.484-7	
	X98285	95-47-6	o-Xylene	ND	mg / Kg	50	0.005	XG.1998.484-7	
	X98285		p/m Xylenes	ND	mg / Kg	50	0.01	XG.1998.484-7	
	X98285	108-88-3	Toluene	ND	mg / Kg	50	0.005	XG.1998.484-7	
<b>SW846-8015 Modified TPH</b>									
9805201-01B	X98286		Diesel Range Organics	ND	mg / Kg	25	25	XG.1998.488-12	05/22/98

Client Sample ID: JAT 125 #9 CELL #2 Sample Matrix: SOIL Sample Collected: 05/19/98 10:45:00

Fraction	QC Group	CAS #	Result	Units	Dilution Factor	Detection Limit	*	Sequence	Run Date
<b>SW846-8020 Volatiles</b>									
9805201-02A	X98285	71-43-2	Benzene	ND	mg / Kg	50	0.005	XG.1998.484-8	05/22/98
	X98285	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005	XG.1998.484-8	
	X98285	95-47-6	o-Xylene	ND	mg / Kg	50	0.005	XG.1998.484-8	
	X98285		p/m Xylenes	ND	mg / Kg	50	0.01	XG.1998.484-8	
	X98285	108-88-3	Toluene	ND	mg / Kg	50	0.005	XG.1998.484-8	
<b>SW846-8015 Modified TPH</b>									
9805201-02B	X98286		Diesel Range Organics	950	mg / Kg	25	25	XG.1998.488-13	05/22/98



Assaigai Analytical Laboratories, Inc.  
**Certificate of Analysis**

Client: **APACHE CORPORATION**  
 Project: **9805201 JICARILLA**

Client	<b>JAT 125 #9 CELL #3</b>	Sample Matrix	<b>SOIL</b>	Sample Collected	<b>05/19/98 10:55:00</b>
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<u>Fraction</u>	<u>QC Group</u>	<u>CAS #</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>Detection Limit</u> *	<u>Sequence</u>	<u>Run Date</u>
<b>SW846-8020 Volatiles</b>								
9805201-03A	X98285	71-43-2	Benzene	ND	mg / Kg	50	0.005	XG.1998.484-9 05/22/98
	X98285	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005	XG.1998.484-9
	X98285	95-47-6	o-Xylene	ND	mg / Kg	50	0.005	XG.1998.484-9
	X98285		p/m Xylenes	ND	mg / Kg	50	0.01	XG.1998.484-9
	X98285	108-88-3	Toluene	ND	mg / Kg	50	0.005	XG.1998.484-9
<b>SW846-8015 Modified TPH</b>								
9805201-03B	X98286		Diesel Range Organics	ND	mg / Kg	25	25	XG.1998.488-14 05/23/98

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



# Chain of Custody Record

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

Lab job no.: 5201 Date: 5/22/98

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

Client Apache Corporation Project Manager / Contact Jeff Cross

Address 2855 Southside River RD, Ste. Arelephone No. (505) 774-6643

City/State/Zip Farmington, NM 87401-7947 Fax No. (505) 774-6624

Project Name / Number \_\_\_\_\_

Contract / Purchase Order / Quote \_\_\_\_\_

[illegible]

Relinquished by: <u>Jeff Kuro</u>	Date	Relinquished by: <u>Scott Pratt</u>
Signature <u>Jeff Kuro</u>	<u>5-22-98</u>	Signature <u>Scott Pratt</u>
Printed <u>Jeff Kuro</u>	Time <u>1:00</u>	Printed <u>Scott Pratt</u>
Company <u>Apache Corp</u>		Company <u>AAL</u>
Reason _____		Reason _____

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

[illegible]

LABORATORY