

District III

1000 P. de la

Aztec, NM 87500

State of New Mexico

Energy, Minerals and Natural Resources Department

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

2040 S. PACHECO

Santa Fe, New Mexico 87505

Submit 1 copy to

Appropriate District

and 1 copy to

Santa Fe Office

APR 10 1998

PIT REMEDIATION AND CLOSURE REPORT

Operator: Apache Corporation Telephone: 505-325-0318

Address: 304 N. Behrend, Farmington, NM 87401

Facility or Well Name: Apache # 108

Location: Unit or Qtr/Qtr Sec H SE/NE Sec 10 T 24 N R 4W County Rio Arriba

Pit Type: Separator: X Dehydrator Other

Land Type:

Pit Location: END Pit Dimensions: Length 21' Width 39' Depth 13'

(Attach diagram)

Reference: Wellhead X Other

Footage from reference: 150'

Direction from reference: 60 Degrees XX East North XX
of
West 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) 0
high water elevation of groundwater)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 0
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: 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) 0
irrigation canals and ditches)

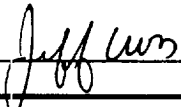
RANKING SCORE (TOTAL POINTS) 0

RECEIVED
DEC 10 1997
OIL CON. DIV.
DIST. 3

Date Remediation Started:	<u>9/12/95</u>	Date Completed:	<u>6/13/97</u>
Remediation Method: (Check all appropriate sections)	Excavatio <u>XXX</u>	Approx. cubic yards	<u>243</u>
	Landfarmed <u>X</u>	Insitu Bioremediation	
	Other		
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)	Onsite <u>X</u>	Offsite	
General Description of Remedial Action: <u>Excavate pit to 13', lay soil out on location.</u>			
<u>Water, till, plow and fertilize soil.</u>			
Groundwater Encountered:	No <u>X</u>	Yes	Depth

Final Pit:	Sample location	<u>5 point composite taken from pit sidewalls and pit bottom cent</u>	
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)	Sample depth	<u>8 to 10" into pit sidewalls 10" into pit bottom</u>	
	Sample Date	<u>9/15/95</u>	Sample Time <u>1:30 PM</u>
	Sample results		
	Benzene (ppm)	<u>ND</u>	
	Total BTEX (ppm)	<u>0.28</u>	
	Field Headspace (ppm)	<u>2.4</u>	
	TPH	<u>480</u>	
Groundwater Sample:	Yes	No <u>X</u>	(If yes attach sample results)

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

DATE <u>8-Aug-97</u>	PRINTED NAME <u>Jeff Cross</u>
SIGNATURE <u></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>304 N. BEHREND, FARMINGTON, N.M. 84701</u>			
Facility or Well Name: <u>APACHE # 108</u>			
Location:	Unit or Qtr/Qtr Sec	<u>SENE SEC 10 T 24N R 4W</u>	County <u>RIO ARRIBA</u>
Pit Type:	Separator: <u>XX</u>	Dehydrator <u> </u>	Other <u> </u>
Land Type: <u>JIC. TRIBAL</u>			
Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>21'</u>	Width <u>39'</u> Depth <u>13'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>
	Footage from reference:	<u>150'</u>	
	Direction from reference:	<u>60</u> Degrees <u>XX</u> East	North <u>X</u>
		<u> </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: 9/12/95 Date Completed: 6/13/97

Remediation Method: Excavation XXX Approx. cubic yards 243
(Check all appropriate sections) Landfarmed XXX Insitu Bioremediation _____
Other _____

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

General Description of Remedial Action: Excavate pit to 13', lay soil out on location.

Water, till, plow, and fertilize soil.

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

Sample Date 9/15/95 Sample Time 1:30pm
Sample results

Soil:	Benzene	(ppm)	<u>ND</u>	Water:	Benzene	(ppb)	<u>NA</u>
	Total BTEX	(ppm)	<u>0.28</u>		Toluene	(ppb)	<u>NA</u>
	Field Headspace	(ppm)	<u>2.4</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>480</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 7/24/97 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. Mann* DATE: 7-30-97

GENERAL DRAINAGE

NORTH

= spread Area

APACHE

APACHE NUMBER 108

SE/4 NE/4 (H)

SECTION 10, TOWNSHIP 24N, RANGE 4W

RIO ARriba COUNTY, NM

5/23/96 JMM

WELL HEAD

PUMP JACK

Dirt cell 120' L x 36' W x 18" D

39' W x 21' L x 13' D

PIT

RECLAIMED

400 BBL
WATER
TK #165

400 BBL
OIL
TK #166

CM

S

4" X 40, EPNG METER RUN
METER #90224

EPNG LINE DRIP

GENERAL DRAINAGE

NORTH

APACHE

APACHE NUMBER 108

SF/4 NE/4 (H)

SECTION 10, TOWNSHIP 24N, RANGE 4W

RIO ARriba COUNTY, NM

5/23/96 JMM

WELL HEAD

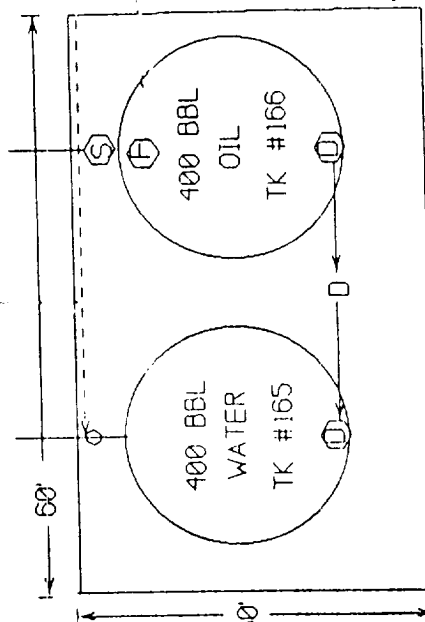
PUMP JACK

Dirt cell 120' L x 36' W x 18" D

39' W x 21' L x 13' D

PIT

RECLAIMED



4" X 40, EPNG METER RUN
METER #90224

EPNG LINE DRIP

**PIT CLOSURE STATUS REPORT
(CONFIDENTIAL)**

Date: 09/12/95	Well Number: APACHE #108	Proj. Number: 95017					
Date Start: 09/12/95	Number of Pits: 1	Date Finished: 09/12/95					
DIMENSIONS & YARDAGE							
1	Type: H	C	X	Dimensions Pit 1 Start:	39' X 21' X 5'	Dimensions Pit 1 Finished:	39' X 21' X 13'
2	Type: H		C	Dimensions Pit 2 Start:		Dimensions Pit 2 Finished:	
3	Type: H		C	Dimensions Pit 3 Start:		Dimensions Pit 3 Finished:	
Total Cu. Yards Removed:						243	Total Liquids Removed:

TPH & BTEX ANALYSIS

[illegible]

Notes:

PID READINGS					
Date	Pit No.	Interval (Depth)	Location	Reading (ppm)	Notes:
09/12/95	1	9'	Center	26.8	Very dark gray/black sandy clay four foot down from the bottom of the pit to a total of 9' from the surface. Added fertilizer prior to bringing out soil.
09/12/95	1	9'	Bottom, N.W. Corner	1050	
09/12/95	1	9'	Bottom, N.E. Corner	53	
09/12/95	1	9'	Bottom, S.W. Corner	644	
09/12/95	1	9'	Bottom, S.E. Corner	30.8	
09/13/95	1	13'	Center	1.0	Still dark gray on the west side of the pit wall. East side shows a dark brown/gray clay (stained). Took PID readings at 13 feet. Placed remediated soil in the center of location.
09/13/95	1	13'	Bottom, N.W. Corner	150	
09/13/95	1	13'	Bottom, N.E. Corner	26	
09/13/95	1	13'	Bottom, S.W. Corner	182	
09/13/95	1	13'	Bottom, S.E. Corner	19.0	
09/15/95	1	13'	Center	2.5	PID Readings of samples sent to lab.
09/15/95	1	13'	Bottom, N.W. Corner	2.0	
09/15/95	1	13'	Bottom, N.E. Corner	2.3	
09/15/95	1	13'	Bottom, S.W. Corner	3.0	
09/15/95	1	13'	Bottom, S.E. Corner	2.0	

APACHE CORPORATION/FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCATION	APACHE # 108
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PIT COUNT 1

Jicarilla Apache Tribal EPO/OCD/BLM

Review and Approval

OCD--BLM

EPO Representative

Date of Review

Excavation									
DIMENSIONS		START: 9/12/95			FINISH: 9/15/95				
	W	L	D		W	L	D	CU YDS	
Pit 1	39'	21'	5'	Pit 1	39'	21'	13'	243	
Pit 2				Pit 2					
Pit 3				Pit 3					
DATE: 9/12/95		Pit 1 @ 13'	Pit 2 @	Pit 3 @	Date: 9/15/95		Pit 1 @ 13'	Pit 2 @	Pit 3 @
P I D	Center	1			P I D	Center	2.5		
	NW Corner	150				NW Corner	2		
	NE Corner	26				NE Corner	2.3		
	SW Corner	182				SW Corner	3		
	SE Corner	19				SE Corner	2		

NOTES:

09/12/95	Excavate to 13' , staining and odor to 9'
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SOIL SAMPLING

DATE:		9/15/95	Pit 1 @ 13'	Pit 2 @	Pit 3 @	ANALYSIS RESULTS			PER LAB	ASSAIGAI
P I D	Center	2.5			PIT	TPH	BETEX	WITNESS	DATE	
	NW Corner	2			NO					
	NE Corner	2.3			1	480	ND	JDT	9/15/95	
	SW Corner	3			2					
	SE Corner	2			3					

CELL(S) SAMPLE

DATE: 6/13/97		CELL #1	CELL #2	CELL #3	ANALYSIS RESULTS			PER LAB	ASSAIGAI
P I D	Center				CELL	TPH	BETEX	WITNESS	DATE
	NW Corner				NO				
	NE Corner	8 POINT COMPOSITE READING			1	ND	ND	JEFF C.	6/16/97
	SW Corner	ON PID 1.2 PPM			2				
	SE Corner				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				

Lab ID: 9509143-07A
Sample ID: AP# 145H

Collected: 09/15/95 12:46:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME075
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME075
O-Xylene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME075

Lab ID: 9509143-07B
Sample ID: AP# 145H

Collected: 09/15/95 12:46:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCS DIESEL/CAL DHS 8015M						
Diesel	120	mg/Kg	5.0	10	09/22/95	SLFTD44
HCS DSL XT/CAL DHS 8015M	09/19/95	N/A				

Lab ID: 9509143-08A
Sample ID: AP# 145C

Collected: 09/15/95 13:05:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	250	09/22/95	SBTXME076
Toluene	ND	mg/Kg	0.0010	250	09/22/95	SBTXME076
Ethylbenzene	ND	mg/Kg	0.0010	250	09/22/95	SBTXME076
P-&m-Xylene	ND	mg/Kg	0.0010	250	09/22/95	SBTXME076
O-Xylene	0.60	mg/Kg	0.0010	250	09/22/95	SBTXME076

Lab ID: 9509143-C8B
Sample ID: AP# 145C

Collected: 09/15/95 13:05:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCS DIESEL/CAL DHS 8015M						
Diesel	ND	mg/Kg	5.0	5.0	09/21/95	SLFTD44
HCS DSL XT/CAL DHS 80.5M	09/19/95	N/A				

Lab ID: 9509143-09A
Sample ID: AP# 145C

Collected: 09/15/95 13:05:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	100	09/21/95	SBTXME076
Toluene	ND	mg/Kg	0.0010	100	09/21/95	SBTXME076
Ethylbenzene	ND	mg/Kg	0.0010	100	09/21/95	SBTXME076
P-&m-Xylene	ND	mg/Kg	0.0010	100	09/21/95	SBTXME076

Lab ID: 9509143-09A
Sample ID: AP# 103

Collected: 09/15/95 13:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTX/SW846 8020A O-Xylene	0.28	mg/Kg	0.0010	100	09/21/95	SBTXME076

Lab ID: 9509143-09B
Sample ID: AP# 103

Collected: 09/15/95 13:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel	480	mg/Kg	5.0	20	09/22/95	SLFTD44
HCs DSL XT/CAL DHS 8015M	09/19/95	N/A				

Lab ID: 9509143-10A
Sample ID: AP# 152H

Collected: 09/15/95 13:55:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076
Toluene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076
O-Xylene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076

Lab ID: 9509143-10B
Sample ID: AP# 152H

Collected: 09/15/95 13:55:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel	270	mg/Kg	5.0	50	09/22/95	SLFTD44
HCs DSL XT/CAL DHS 8015M	09/19/95	N/A				

Lab ID: 9509143-11A
Sample ID: AP# 152C

Collected: 09/15/95 14:10:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076
Toluene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076
P-&m-Xylene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076
O-Xylene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME076

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>304 N. BEHREND, FARMINGTON, N.M. 87401</u>			
Facility or Well Name: <u>APACHE # 108</u>			
Location:	Unit or Qtr/Qtr	Sec <u>H</u>	Sec 10 T 24N R 4W County <u>RIO ARRIBA</u>
Land Type	<u>JIC. TRIBAL</u>		
Date Remediation Started: <u>9/12/95</u>		Date Completed: <u>6/13/97</u>	
Remediation Method:	Landfarmed	<u>XXX</u>	Approx. cubic yards <u>243</u>
	Composted	<u> </u>	
	Other	<u> </u>	
Depth to Groundwater:		(pts) <u>0</u>	Final Closure Sampling Sampling Date: <u>6/13/97</u> Time: <u>11:45AM</u> Sample Results: Field Headspace (pp <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>7-24-97</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>Kenn C. Marshall</u>		DATE: <u>7-30-97</u>	

APACHE CORPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE APACHE # 108

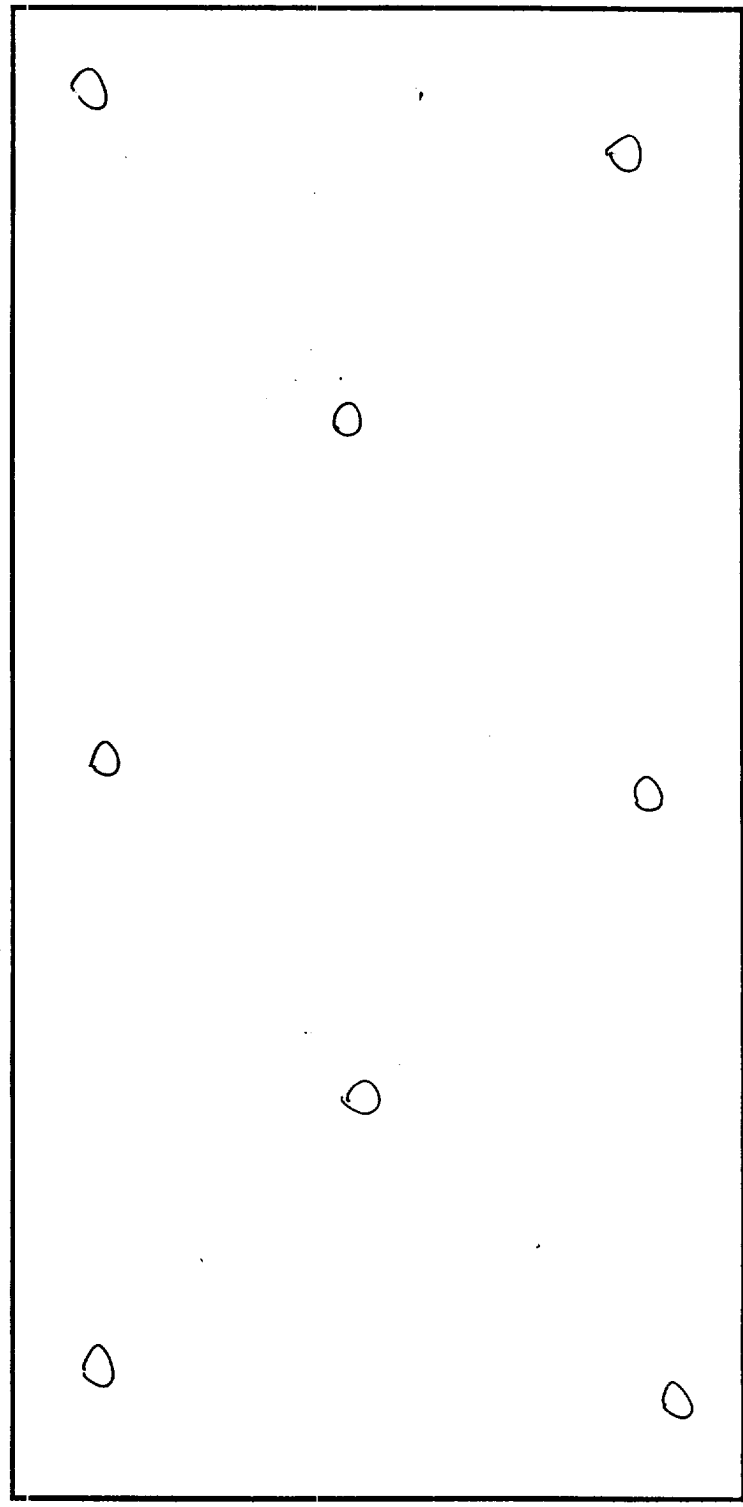
* AMOUNT OF SOIL UNDERGOING REMEDIATION 243 Yds.

CELL No. <u>1</u>	SampDATE <u>6/13/97</u>	TPH <u>ND</u>	BTEX <u>ND</u>
DIMENSIONS(LxVxH) <u>120' X 36' X 18"</u>			
CELL LOCATION (dir. from well head <u>NORTH EAST</u>			
* DATE BEGAN: <u>9/12/95</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>6/13/97</u>			
CELL No. <u>NA</u>	SampDATE	TPH	BTEX
DIMENSIONS(LxVxH)			
CELL LOCATION (dir. from well head			
* DATE BEGAN:			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm)			
CELL No. <u>NA</u>	SampDATE	TPH	BTEX
DIMENSIONS(LxVxH)			
CELL LOCATION (dir. from well head			
* DATE BEGAN:			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm)			
REMEDIATION RECORD: (date, treatment, tilling)			
<u>9/25/95 TREAT WITH / 28-4-4 FERTILIZER,TILL SOIL</u>			
<u>5/23/97 TREAT WITH / 46-0-0 FERTILIZER , PLOW, AND TILL SOIL.</u>			
<u>6/13/97 TOOK 8 POINT COMPOSITE SAMPLE 10" INTO SOIL</u>			
<u>PID READINGS 1.2 ppm.</u>			

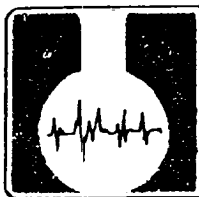
From excavation reports.

WELL NAME: Apache #108
SAMPLE DATE: 6-13-97
DIMENSIONS: 120' L X 36' W X 18" H

○ = SAMPLE AREA



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

JUN 26 1997

Report Generated:
June 23, 1997 15:13

**CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE**

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

WORKORDER # : 9706142
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 06/13/97

ATTN: JEFF CRCSS

Page: 1

Lab ID: 9706142-01A
Sample ID: AP 108 CELL #1

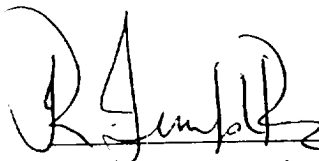
Collected: 06/13/97 11:45:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	500	06/16/97	SBTXME170
Toluene	ND	mg/Kg	0.0010	500	06/16/97	SBTXME170
Ethylbenzene	ND	mg/Kg	0.0010	500	06/16/97	SBTXME170
P-&m-Xylene	ND	mg/Kg	0.0020	500	06/16/97	SBTXME170
O-Xylene	ND	mg/Kg	0.0010	500	06/16/97	SBTXME170

Lab ID: 9706142-01B
Sample ID: AP 103 CELL #1

Collected: 06/13/97 11:45:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015	ND	mg/Kg	50	25	06/16/97	SDRO33
Diesel Range OG in Soil						
TKN/SM4500-N & NH3 B&C	447	mg/Kg	1.0	100	06/20/97	W97270
Total Kjeldahl Nitrogen						


for William P. Biava
President



WORKORDER COMMENTS

DATE : 06/23/97

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



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CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

Telephone No (505) 774-6643

Fax No. (505) 774-6624

John Smith

Contract / Purchase Order / Quote _____

[illegible]

Date	Time	Received by:
		Signature _____
		Printed _____
		Company _____
		Reason _____

After analysis, samples are to be:

☐ Disposed of (additional fee)

☐ Stored (30 days max)

☐ Stored over 30 days (additional fee)

☐ Returned to customer

LABORATORY