

Dist. 3
1000 Rio Brazos Rd.
Aztec, NM 87410
DEPUTY OIL & GAS INSPECTOR

State of New Mexico
Energy, Minerals and Natural Resources Department

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

APR 10 1998

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

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 # 157 Pit #2

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

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

Land Type: Jicarilla Tribal

Beginning Pit Dimensions: Length 18' Width 21' Depth 1

Pit Location: Ending Pit Dimensions: Length 18' Width 21' Depth 8'
(Attach diagram)

Reference: Wellhead X Other _____

Footage from reference: 120'

Direction from reference: 60 Degrees X East North XX
West of 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)	<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)

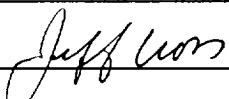
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DEC 10 1997
OIL CON. DIV.
DIST. 3

Yes	(20 points)	<u>20</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 200 feet	(20 points)	_____
200 feet to 1000 feet	(10 points)	_____
Greater than 1000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS) 20

Date Remediation Started:		<u>8/11/95</u>	Date Completed:		<u>6/13/97</u>
Remediation Method: (Check all appropriate sections)		Excavatio	<u>XXX</u>	Approx. cubic yards	<u>100</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 8', took PID readings.</u>					
<u>Spread soil on location for remediation. Took soil samples.</u>					
Groundwater Encountered: No <u>X</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>8 to 10" into pit sidewalls 10" into pit bottom</u>			
	Sample Date	<u>9/7/95</u>	Sample Time	<u>11:00 A.M.</u>	
	Sample results				
	Benzene	(ppm)	<u>ND</u>		
	Total BTEX	(ppm)	<u>ND</u>		
	Field Headspace	(ppm)	<u>1.94</u>		
	TPH		<u>ND</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>November 5, 1997</u>	PRINTED NAME		<u>Jeff Cross</u>
SIGNATURE			AND TITLE		<u>Project Manager</u>

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P. O. BOX 507
DULCE, NEW MEXICO 87528

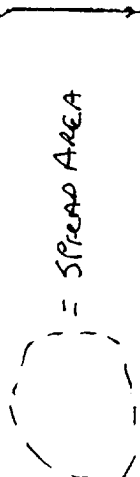
Submit 1 copy to
Natural Resource Dept.
and Oil & Gas Administration

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 # 157 PIT # 2</u>			
Location:	Unit or Qtr/Qtr Sec	<u>SWNE SEC 4</u>	T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>
Pit Type:	Separator: _____	Dehydrator: _____	Other <u>BLOW PIT</u>
Land Type: <u>JIC. TRIBAL</u>			
<div style="border: 1px solid black; padding: 5px;"> Pit Location: (Attach diagram) Pit Dimensions: Length <u>18'</u> Width <u>21'</u> Depth <u>8'</u> Reference: Wellhead <u>XXX</u> Other _____ Footage from reference: <u>120'</u> Direction from reference: <u>60</u> Degrees <u>X</u> East North <u>XX</u> West of South </div>			
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) <u>0</u>
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) <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) _____
		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>20</u>
		No	(0 points) _____
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) <u>0</u>
RANKING SCORE (TOTAL POINTS)			<u>20</u>

Date Remediation Started:		<u>8/11/95</u>		Date Completed:		<u>6/13/97</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>100</u>	
		Landfarmed <u>XXX</u>		Insitu Bioremediation			
		Other					
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)		Onsite <u>XXX</u>		Offsite			
General Description of Remedial Action: <u>Excavate pit to 8', lay soil out on location.</u>							
<u>Water, till, plow, and fertilize soil.</u>							
Groundwater Encountered:		No <u>XXX</u>		Yes		Depth	
Final Pit:		Sample location <u>5 point composite taken from pit sidewalls and pit bottom center.</u>					
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)		Sample depth <u>8" to 10" into pit side walls, 10" into pit bottom.</u>					
Sample Date		<u>9/15/95</u>		Sample Time		<u>11:48 AM</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>1.94</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>ND</u>		Total Xylenes	(ppb)	<u>NA</u>
Groundwater Sample:		Yes		No <u>XXX</u>		(If yes attach sample results)	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.							
DATE		<u>7/24/97</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>Ken C. Mamm</u>		DATE:		<u>7-30-97</u>	

NORTH



GENERAL DRAINAGE

APACHE

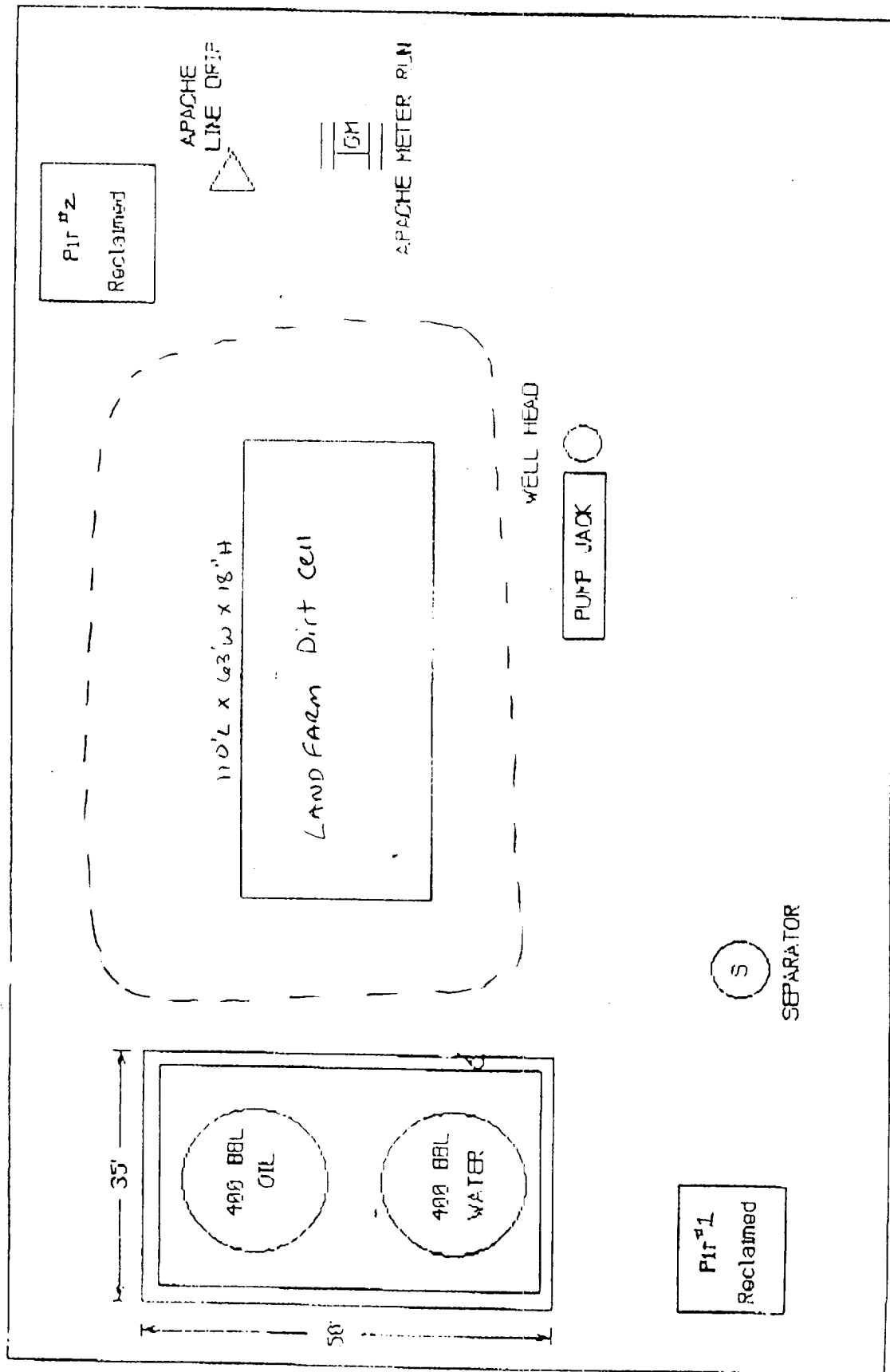
APACHE NUMBER 157 Lessee # JAT 127

SW/4 ME/4 (G)

SECTION 4, TOWNSHIP 24N, RANGE 4W

RIO ARriba COUNTY, NM

Revised 8/1/97



[illegible]

Notes:

PID READINGS					Site Number: 157	Notes:	
Date	Pit No.	Interval (Depth)	Location	Reading (ppm)			
08/10/95	1	5'	S. Corner	0	Starting depth 3.5'. First 3' pudding like. Took readings at 5'. There was a first pit that appeared to be cut out of very hard sandstone. This pit measured 15' X 18' X 8' from the top of the surface. The pit was either then widened at a later date or stepped out wide as further excavation was very difficult.		
08/10/95	1	5'	S.E. Sidewall	2.5			
08/10/95	1	5'	S.W. Sidewall	2.5			
08/10/95	1	5'	N. Corner	20			
08/10/95	1	5'	N.E. Sidewall	610			
08/10/95	1	5'	N.W. Sidewall	0	Samples taken from deeper part of pit		
08/10/95	1	5'	S.E. Sidewall	0			
08/11/95	1	5'	E. Corner	52.6			
08/11/95	1	5'	S. Corner	0			
08/11/95	1	8'	Center	258			
08/11/95	1	8'	S.E. Sidewall	20.1			
08/11/95	1	8'	N.E. Sidewall	17.4			
08/11/95	2	7'	N.E. & S. walls	319	Composite sample		
08/11/95	2	7'	Center	750			
08/11/95	2	7'	W. Wall	218			
09/15/95	1	8'	N.E. Corner	1.5			
09/15/95	1	8'	N.W. Corner	1.3			
09/15/95	1	8'	S.E. Corner	1.6			
09/15/95	1	8'	S.W. Corner	1.7			
09/15/95	1	8'	Center	1.4			

APACHE CORPORATION/FARMINGTON DISTRICT
PIT EXCAVATION AND CLOSURE REPORT

LOCATION APACHE #157

PIT COUNT 2

Review and Approval

EPO Representative

Date of Review

		Excavation							
DIMENSIONS		START: PIT #1, 8/10/95 PIT # 2, 8/11/95			FINISH: PIT #1 & # 2, 9/15/95				
	W	L	D		W	L	D	CU YDS	
Pit 1	30'	39'	2.5'	Pit 1	30'	45'	8'	290	
Pit 2	21'	18'	1'	Pit 2	21'	18'	8'	100	
Pit 3				Pit 3					
		Pit 1 @ 5'	Pit 2 @ 7'	Pit 3 @			Pit 1 @ 8'	Pit 2 @ 8'	Pit 3 @
P I D	Center	20	750		P I D	Center	1.5	1.8	
	NW Corner	0	218			NW Corner	1.3	1.7	
	NE Corner	610	17.4			NE Corner	1.6	1.7	
	SW Corner	2.5	319			SW Corner	1.7	1.7	
	SE Corner	2.5	20.1			SE Corner	1.4	2.8	

NOTES:

8/10/95 PIT 1- EXCAVATE TO 8', STAINING W/LT. ODOR TO 5', HIT SANDSTONE @ 6'

8/11/95 PIT 2-EXCAVATE TO 8', NO STAINING, STRONG ODOR TO 7'.

8/10/95	8/11/95	SOIL SAMPLING
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DATE:		Pit 1 @ 5'	Pit 2 @ 7'	Pit 3 @	ANALYSIS RESULTS			PER LAB	ASSAIGAI
P I D	Center	20	750		PIT	TPH	BETEX	WITNESS	DATE
	NW Corner	0	218		NO				
	NE Corner	610	17.4		1	220	ND	IF&S	8/10/95
	SW Corner	2.5	319		2	ND	0.63	IF&S	8/11/95
	SE Corner	2.5	20.1		3				

RE-SAMPLE OR CELL(S) SAMPLE

DATE: 9/15/95		Pit 1 @ 8'	Pit 2 @ 8'	Pit 3 @	ANALYSIS RESULTS			PER LAB	ASSAIGAI
P I D	Center	1.5	1.8		PIT	TPH	BETEX	WITNESS	DATE
	NW Corner	1.3	1.7		NO				
	NE Corner	1.6	1.7		1	ND	ND	JDT	9/15/95
	SW Corner	1.7	1.7		2	ND	ND	JDT	9/15/95
	SE Corner	1.4	2.8		3				

CELL(S) SAMPLE

DATE:		6/13/97	CELL #1	CELL #2	CELL #3	ANALYSIS RESULTS		PER LAB	ASSAIGAI
P I D	Center				CELL NO	TPH	BETEX	WITNESS	DATE
	NW Corner	12 POINT COMPOSITE PID READING							
	NE Corner	WAS 1.4 ppm			1	ND	ND	JEFF C.	6/17/97
	SW Corner				2				
	SE Corner				3				

Lab ID: 9509143-02B
Sample ID: AP# 115C

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

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

Lab ID: 9509143-03A
Sample ID: AP# 157H

Collected: 09/15/95 11:48:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME075
Toluene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME075
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: 9509143-03B
Sample ID: AP# 157H

Collected: 09/15/95 11:48:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel	ND	mg/Kg	5.0	10	09/21/95	SLFTD44
HCs DSL XT/CAL DHS 8015M	09/19/95	N/A				

Lab ID: 9509143-04A
Sample ID: AP# 157C

Collected: 09/15/95 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	5.0	09/21/95	SBTXME075
Toluene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME075
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: 9509143-04B
Sample ID: AP# 157C

Collected: 09/15/95 10:30:00
Matrix: SOIL

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

PARTIAL REPORT

Page: 6

Lab ID: 9508243-12A
Sample ID: PIT #157-S

Collected: 08/25/95 13:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HC: DIESEL/CAL DHS 8015M HC: DSL XT/CAL DHS 8015M	08/30/95	N/A				

Lab ID: 9508243-12B
Sample ID: PIT #157-S

Collected: 08/25/95 13:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	08/30/95	SBTXME071
Toluene	ND	mg/Kg	0.0010	5.0	08/30/95	SBTXME071
Ethylbenzene	ND	mg/Kg	0.0010	5.0	08/30/95	SBTXME071
P-&m-Xylene	ND	mg/Kg	0.0020	5.0	08/30/95	SBTXME071
O-Xylene	ND	mg/Kg	0.0010	5.0	08/30/95	SBTXME071

Lab ID: 9508243-13A
Sample ID: PIT #23

Collected: 08/25/95 11:20:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HC: DIESEL/CAL DHS 8015M HC: DSL XT/CAL DHS 8015M	08/30/95	N/A				

Lab ID: 9508243-13B
Sample ID: PIT #23

Collected: 08/25/95 11:20:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	08/30/95	SBTXME071
Toluene	ND	mg/Kg	0.0010	5.0	08/30/95	SBTXME071
Ethylbenzene	ND	mg/Kg	0.0010	5.0	08/30/95	SBTXME071
P-&m-Xylene	ND	mg/Kg	0.0020	5.0	08/30/95	SBTXME071
O-Xylene	ND	mg/Kg	0.0010	5.0	08/30/95	SBTXME071

Lab ID: 9508243-14A
Sample ID: PIT #10

Collected: 08/25/95 09:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HC: DIESEL/CAL DHS 8015M HC: DSL XT/CAL DHS 8015M	08/30/95	N/A				

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 # 157</u>	
Location: Unit or Qtr/Qtr Sec <u>G</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>8/11/95</u> Date Completed: <u>6/13/97</u>	
Remediation Method: Landfarmed <u>XXX</u> Approx. cubic yards <u>390</u>	
Composted _____	
Other _____	
Depth to Groundwater: (pts) <u>0</u>	Final Closure Sampling Sampling Date: <u>6/13/97</u> Time: <u>9:30AM</u> Sample Results: Field Headspace (pp <u>ND</u> TPH (ppm) <u>ND</u> Method <u>M8015</u> Other BTEX \ SW846 , 8020A (ND)
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>20</u>	
Distance To Surface Water: (pts) <u>0</u>	
RANKING SCORE (TOTAL POINTS) <u>20</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 _____ (REASON) _____	
SIGNED: <u>Kevin C. Marshall</u>	DATE: <u>7-30-97</u>

APACHE CORPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE APACHE # 157

* AMOUNT OF SOIL UNDERGOING REMEDIATION 390 Yds.

CELL No. <u>1</u>	SampDATE <u>6/13/97</u>	TPH <u>ND</u>	BTEX <u>ND</u>
DIMENSIONS(LxWxH) <u>110' X 63' X 18"</u>			
CELL LOCATION (dir. from well head) <u>NORTH</u>			
* DATE BEGAN: <u>8/10/95</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(LxWxH)			
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(LxWxH)			
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>5/22/97 TREAT W/ 46-0-0 FERTILIZER PLOWED AND TILLED</u>			
<u>6/3/97 WATERED AND TILLED.</u>			
<u>6/13/97 TOOK 12 POINT COMPOSITE SAMPLE 10' INTO DIRT CELL.</u>			
<u>PID COMPOSITE READING WAS 1.4 PPM.</u>			

From excavation reports.

WELL NAME:

Apache #157

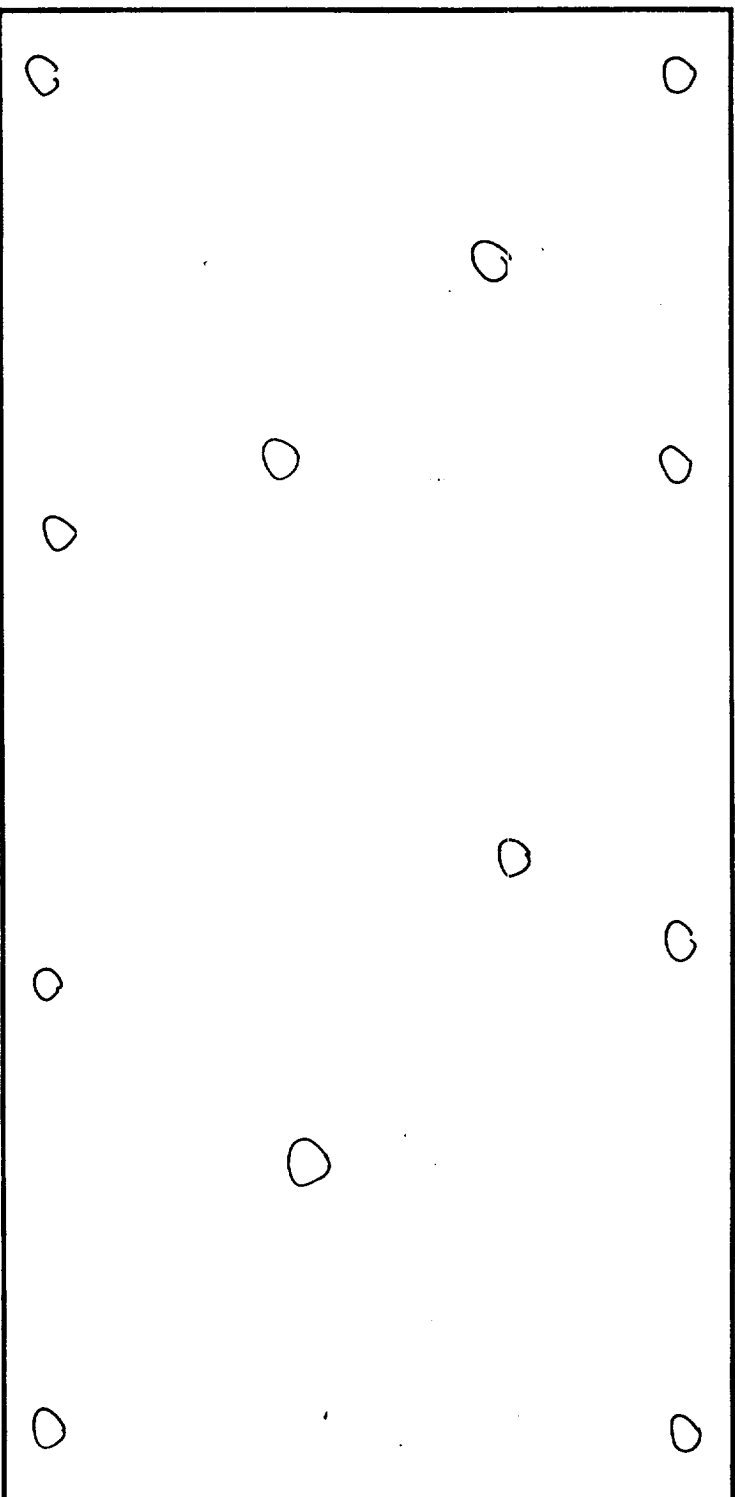
SAMPLE DATE:

6-13-97

DIMENSIONS:

110' L X 63' W X 18" H

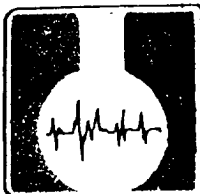
 = SAMPLE AREA



NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

Took 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

JUN 26 1997

Report Generated:
June 23, 1997 15:14

**CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE**

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

WORKORDER # : 9706145
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 06/13/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9706145-01A
Sample ID: AP 157 CELL

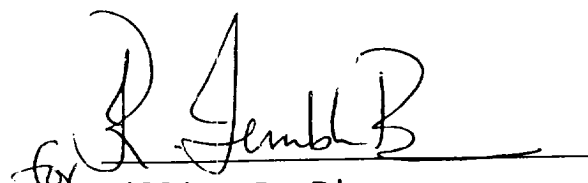
Collected: 06/13/97 09:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	500	06/17/97	SBTXME170
Toluene	ND	mg/Kg	0.0010	500	06/17/97	SBTXME170
Ethylbenzene	ND	mg/Kg	0.0010	500	06/17/97	SBTXME170
P-&m-Xylene	ND	mg/Kg	0.0020	500	06/17/97	SBTXME170
O-Xylene	ND	mg/Kg	0.0010	500	06/17/97	SBTXME170

Lab ID: 9706145-01B
Sample ID: AP 157 CELL

Collected: 06/13/97 09:30:00
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	06/17/97	SDRO33
TKN/SM4500-N & NH3 B&C						
Total Kjeldahl Nitrogen	53.0	mg/Kg	1.0	10	06/20/97	W97270

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

Chain of Custody Record

(JIM JEFFERSON, N.E.)
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MELQUIADES ALANIS
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CIUDAD JUAREZ, CHIHUAHUA MEX

Project Manager / Contact ~~Jeff Cross~~

Telephone No. (505) 774-6643

Fax No. (505) 774-6624

Samplers: (Signature) Jeff Lewis

Contract / Purchase Order / Quote -

[illegible][illegible]

Relinquished by:		Date		Received by:		Relinquished by:		Date		Received by:	
Signature	Printed	Signature	Printed	Signature	Printed	Signature	Printed	Signature	Printed	Signature	Printed
<i>Jeff Cross</i>	<i>Jeff Cross</i>	<i>Eric J. Chasen</i>	<i>Eric J. Chasen</i>	<i>Eric J. Chasen</i>	<i>Eric J. Chasen</i>	<i>Eric J. Chasen</i>	<i>Eric J. Chasen</i>	<i>Eric J. Chasen</i>	<i>Eric J. Chasen</i>	<i>Eric J. Chasen</i>	<i>Eric J. Chasen</i>
Company	Company	Company	Company	Company	Company	Company	Company	Company	Company	Company	Company
Reason	Reason	Reason	Reason	Reason	Reason	Reason	Reason	Reason	Reason	Reason	Reason
Method of Shipment:				Comments:						After analysis, samples are to be:	
Shipment No.										<input type="checkbox"/> Disposed of (additional fee)	
Special Instructions:										<input type="checkbox"/> Stored (30 days max)	
										<input type="checkbox"/> Stored over 30 days (additional fee)	
										<input type="checkbox"/> Returned to customer	

LABORATORY