

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>JICARILLA KEETOM # 1</u>			
Location:	Unit or Qtr/Qtr	Sec <u>E</u>	SEC 12 T 24N 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>		

Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>24'</u>	Width <u>21'</u>	Depth <u>10'</u>
	Reference:	Wellhead <u>XXX</u>	Other <u> </u>	
	Footage from reference:	<u>100'</u>		
	Direction from reference:	<u>120</u> Degrees	<u>XX</u> East	North <u> </u> of South <u>X</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:		<u>9/15/95</u>		Date Completed:		<u>9/15/95</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards			
		Landfarmed <u>NONE</u>		Insitu Bioremediation			
		Other _____					
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)		Onsite _____		Offsite _____			
General Description of Remedial Action: <u>Excavate pit to 10', took PID readings, readings low,</u>							
<u>took soil samples, results within closure limits.</u> <u>Put soil back into pit.</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>3:30 PM</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>6.58</u>		Ethylbenzene	(ppb)	<u>NA</u>
	TPH	(ppm)	<u>143</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>7/25/97</u>		PRINTED NAME		<u>JEFF CROSS</u>	
SIGNATURE		<u><i>Jeff Cross</i></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><i>Kevin M. Marshall</i></u>		DATE:		<u>7-30-97</u>	

KEETON JICARILLA NUMBER 1
SECTION 12, TOWNSHIP 24N, RANGE 4W
RIO ARRIBA COUNTY, NM



APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCATION: JICARILLA KEETOM #1

PIT COUNT: 1

JICARILLA APACHE TRIBAL EPO
REVIEW AND APPROVAL

EPO REPRESENTATIVE K.C.

DATE OF REVIEW: 10/30/95

EXCAVATION								
DIMENSIONS		START		FINISH				CU.YDS.
	W'	L'	D'		W'	L'	D'	
PIT 1	21'	24'	5.5'	PIT 1	21'	24'	10'	84.0
PIT 2				PIT 2				
PIT 3				PIT 3				
DATE:09/15/95		PIT 1@ 09'	PIT 2@	PIT 3@	DATE:		PIT 1@	PIT 2@
P. I. D.	CENTER	6.1			P. I. D.	CENTER		
	NW CORNER	11.2				NW CORNER		
	NE CORNER	6.1				NE CORNER		
	SW CORNER	3.9				SW CORNER		
	SE CORNER	5.6				SE CORNER		

NOTES:

09/15/95 Excavate to 10', no evidence of contamination.

SOIL SAMPLING

DATE:09/15/95		PIT 1@ 09'	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB:	
P. I. D.	CENTER	6.1			PIT NO.	TPH	BTEX	WITNESS
	NW CORNER	11.2						DATE
	NE CORNER	6.1			1	143.0	ND	IF&S
	SW CORNER	3.9						09/15/95
	SE CORNER	5.6						

RE-SAMPLE OR CELL(S) SAMPLE

DATE:		PIT 1@	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB:	
P. I. D.	CENTER				PIT NO.	TPH	BTEX	WITNESS
	NW CORNER							DATE
	NE CORNER							
	SW CORNER							
	SE CORNER							

RE-SAMPLE OR CELL(S) SAMPLE

DATE:		PIT 1@	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB:	
P. I. D.	CENTER				PIT NO.	TPH	BTEX	WITNESS
	NW CORNER							DATE
	NE CORNER							
	SW CORNER							
	SE CORNER							

Lab ID: 9509145-14A
Sample ID: AP# 14

Collected: 09/14/95 08:00:00
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: 9509145-14B
Sample ID: AP# 14

Collected: 09/14/95 08:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	ND	mg/Kg	5.0	1.0	09/27/95	SLFTD46
HCs DSL XT/CAL DHS 8015M	09/21/95	N/A				

Lab ID: 9509145-15A
Sample ID: AP# 20

Collected: 09/14/95 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	5.0	09/21/95	SBTXME075
Toluene	ND	mg/Kg	0.0010	5.0	09/21/95	SBTXME075
Ethylbenzene	0.0088	mg/Kg	0.0010	5.0	09/21/95	SBTXME075
P-&m-Xylene	0.075	mg/Kg	0.0010	5.0	09/21/95	SBTXME075
O-Xylene	0.021	mg/Kg	0.0010	5.0	09/21/95	SBTXME075

Lab ID: 9509145-15B
Sample ID: AP# 20

Collected: 09/14/95 10:00:00
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	09/26/95	SLFTD46
HCs DSL XT/CAL DHS 8015M	09/21/95	N/A				

Lab ID: 9509145-16A
Sample ID: JIC-KEETON

Collected: 09/15/95 15:30:00
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

Lab ID: 9509145-16A
Sample ID: JIC-KEETON

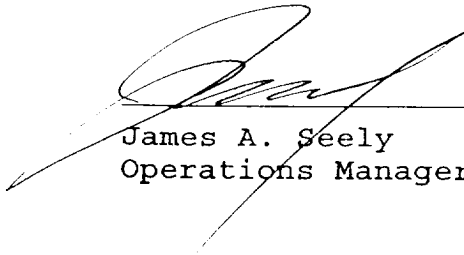
Collected: 09/15/95 15:30:00
Matrix: SOIL

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

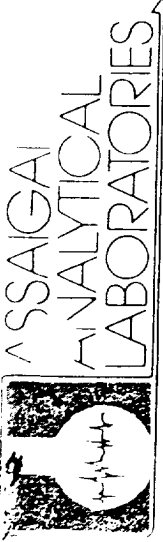
Lab ID: 9509145-16B
Sample ID: JIC-KEETON

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

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	14B	mg/Kg	5.0	1.0	09/26/95	SLFTD46
HCs DSL XT/CAL DHS 8015M	09/21/95	N/A				



James A. Seely
Operations Manager



Chain of Custody Record

7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 87105
(505) 345-8964

3332 WEDGEWOOD
ALBUQUERQUE, TEXAS 79925
(915) 570-1116

MELQUIADES ALANIS
6411 LOCAL UNO
CIHUAHUA MEXICO 32320

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

Lab Job no.: 9115
Date: 7 of 7

Project Manager / Contact: John Taylor

Telephone No.: 325-0318

Fax No.: 325-0325

Samplers: (Signature) [Signature]

Client: Apache Corp.

Address: 304 N. Behrend

City/State/Zip: Farmington NM 87401

Project Name / Number: P1 Remediation 95017

Contract / Purchase Order / Quote: [Blank]

RECEIVED

OCT 5 1995

Analysis Required

No. of Containers

TPH

Remarks

Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation Temp.	Chemical
AP# 1E	9/13	2:30	Soil	Glass	50°	Ice
AP# 1E	9/13	2:30	Soil	Glass	6	
AP# 14	9/14	8:00				
AP# 14	9/14	8:00				
AP# 20	9/14	10:00				
AP# 20	9/14	10:00				
JEC - Keeton	9/15	2:30				
JEC - Keeton	9/15	2:30				

Inquired by: [Signature]
Signature: [Signature]
Printed: [Signature]
Company: [Signature]
Reason: [Signature]

Received by: [Signature]
Signature: [Signature]
Printed: [Signature]
Company: [Signature]
Reason: [Signature]

Relinquished by: [Signature]
Signature: [Signature]
Printed: [Signature]
Company: [Signature]
Reason: [Signature]

Received by: [Signature]
Signature: [Signature]
Printed: [Signature]
Company: [Signature]
Reason: [Signature]

Method of Shipment: [Blank]
Shipment No.: [Blank]
Special Instructions: [Blank]

Comments: [Blank]

After analysis, samples are to be:
☐ Disposed of (additional fee)
☐ Stored (30 days max)
☐ Stored over 30 days (additional fee)
☐ Returned to customer

COURIER