

Azte 44-197410

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

DEPUTY OIL & GAS INSPECTOR

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

OCT 28 1997

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator: <u>Apache Corporation</u>		Telephone: <u>505-325-0318</u>	
Address: <u>304 N. Behrend, Farmington, NM 87401</u>			
Facility or Well Name:		<u>Apache # 29</u>	
Location:	Unit or Qtr/Qtr Sec	<u>C</u> <u>Sec 14</u> <u>T 24 N</u> <u>R 4W</u>	County <u>Rio Arriba</u>
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>BLOW PIT</u>
Land Type: <u>Jicarilla Tribal</u>			

Pit Location: (Attach diagram)	Pit Dimensions:			Length <u>7'</u>	Width <u>7'</u>	Depth <u>3.5'</u>
	Reference:	Wellhead <u>X</u>	Other <u> </u>			
	Footage from reference:			<u>95'</u>		
	Direction from reference:			<u>280</u> Degrees	<u> </u> East	North <u>X</u>
				<u>XX</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)	
	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)		(20 points)	
	Yes	(0 points)	<u>0</u>
	No		

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)	<u>0</u>
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RECEIVED
 AUG 20 1997
 OIL CON. DIV.
 DIST. 3

1000 1000 1000
1000 1000 1000
1000 1000 1000

Date Remediation Started: 9/1/95 Date Completed: 9/1/95

Remediation Method: (Check all appropriate sections)
Excavation XXX Approx. cubic yards _____
Landfarmed NONE Insitu Bioremediation _____
Other _____

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

General Description of Remedial Action: Excavate pit to 3.5', took PID readings, readings low.
Took soil samples, results within closure limits. Put soil back into pit.

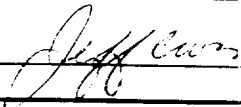
Groundwater Encountered: No X Yes _____ Depth _____

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 sidewalls 10" into pit bottom
Sample Date 9/1/95 Sample Time 1:30 PM
Sample results
Benzene (ppm) ND
Total BTEX (ppm) ND
Field Headspace (ppm) ND
TPH ND

Groundwater Sample: Yes _____ No X (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 8-Aug-97 PRINTED NAME Jeff Cross

SIGNATURE  AND TITLE Project Manager

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

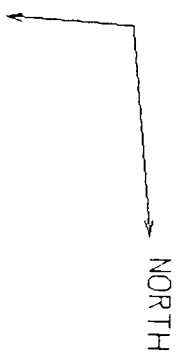
Submit 1 copy to
Natural Resource Dept.
and Oil & Gas Administration

PIT REMEDIATION AND CLOSURE REPORT

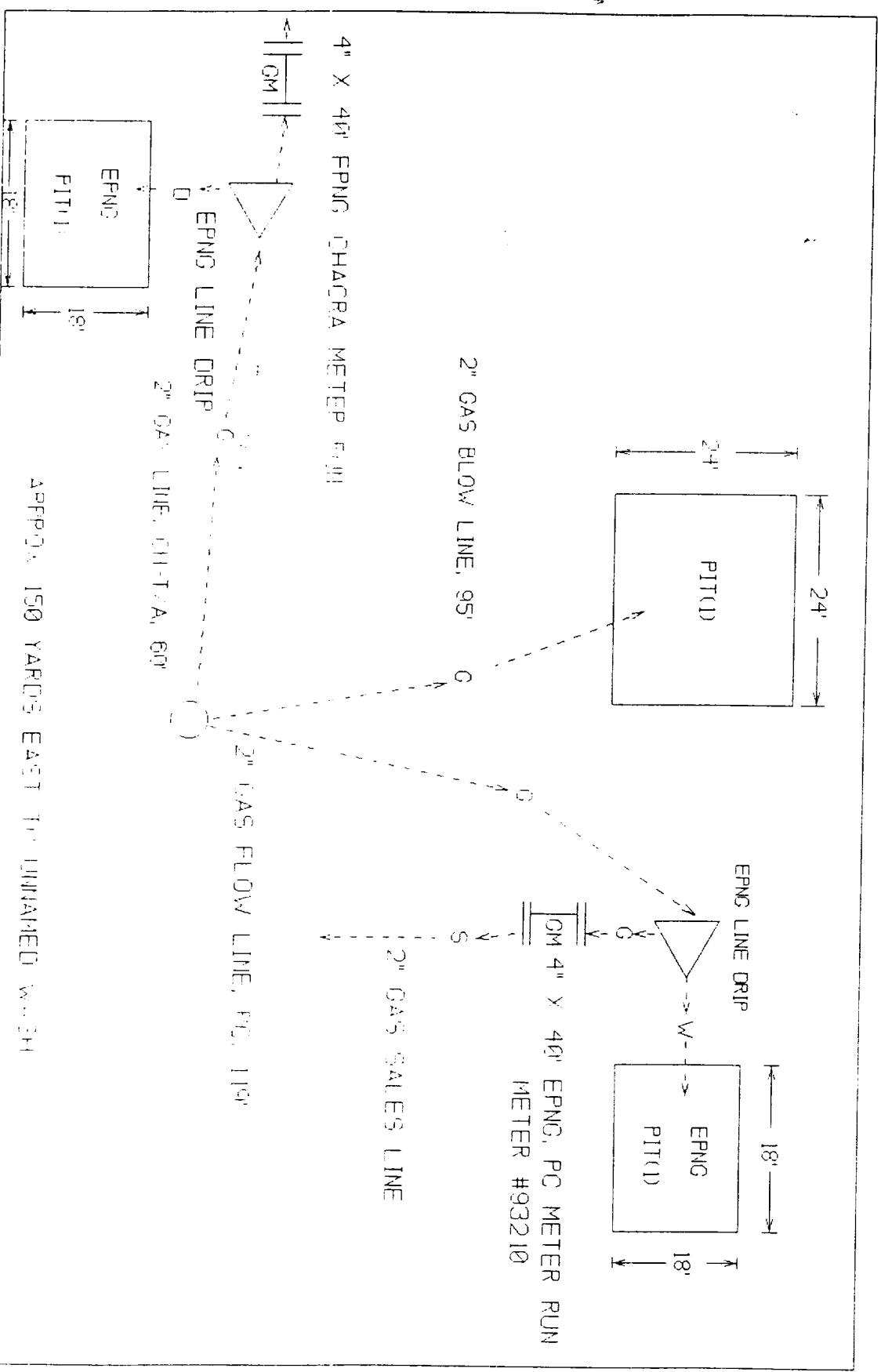
Operator: <u>APACHE CORPORATION</u>		Telephone <u>505-325-0318</u>	
Address: <u>304 N. BEHREND, FARMINGTON, N.M. 84701</u>			
Facility or Well Name: <u>APACHE # 29.</u>			
Location:	Unit or Qtr/Qtr	Sec <u>C</u>	SEC 14 T 24N R 4W County <u>RIO ARRIBA</u>
Pit Type:	Separator: <u> </u>	Dehydrator <u> </u>	Other <u>BLOW PIT</u>
Land Type: <u>JIC. TRIBAL</u>			
Pit Location: (Attach diagram) Pit Dimensions: Length <u>7'</u> Width <u>7'</u> Depth <u>3.5'</u> Reference: Wellhead <u>XXX</u> Other <u> </u> Footage from reference: <u>95'</u> Direction from reference: <u>280</u> Degrees <u> </u> East of North <u>X</u> <u>XX</u> West of South <u> </u>			
Depth To Groundwater: (vertical distance from contaminants to seasonal high water elevation of groundwater)		Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) <u> </u> (10 points) <u> </u> (0 points) <u>0</u>
Distance to an Ephemeral Stream: (Downgradient dry wash greater than ten feet in width)		Less than 100 feet Greater than 100 feet	(10 points) <u> </u> (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 Greater than 100 feet	(10 points) <u> </u> (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 No	(20 points) <u> </u> (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 100 feet to 1000 feet Greater than 1000 feet	(20 points) <u> </u> (10 points) <u> </u> (0 points) <u>0</u>
		RANKING SCORE (TOTAL POINTS)	<u>0</u>

Date Remediation Started: <u>9/1/95</u>		Date Completed: <u>9/1/95</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 3.5', 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>9/1/95</u>	Sample Time	<u>1:30 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>ND</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>Keith Mammal</u>	DATE:	<u>7-30-97</u>

DRAINAGE



APACHE
APACHE NUMBER 29
SECTION 14, TOWNSHIP 24N, RANGE 4W
RIO ARRIBA COUNTY, NM



APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

JICARILLA APACHE TRIBAL EPO
REVIEW AND APPROVAL

EPO REPRESENTATIVE K.C.

DATE OF REVIEW: 10/30/95

LOCATION: APACHE 29

PIT COUNT: 1

EXCAVATION								
DIMENSIONS		START			FINISH			CU.YDS.
	W'	L'	D'		W'	L'	D'	
PIT 1	7'	7'	2.5'	PIT 1	7'	7'	3.5	7.0
PIT 2				PIT 2				
PIT 3				PIT 3				
DATE: 09/01/95		PIT 1@ 03.5	PIT 2@	PIT 3@	DATE:		PIT 1@	PIT 2@
P. I. D.	CENTER	0.0			P. I. D.	CENTER		
	NW CORNER	0.0				NW CORNER		
	NE CORNER	0.0				NE CORNER		
	SW CORNER	0.0				SW CORNER		
	SE CORNER	0.0				SE CORNER		

NOTES:

09/01/95 Excavate to 3.5', no evidence of contamination.

SOIL SAMPLING

DATE: 09/01/95		PIT 1@ 03.5	PIT 2@	PIT 3@	ANALYSIS RESULTS		PER LAB: ASSAIGAI	
P. I. D.	CENTER	0.0			PIT NO.	TPH	BTEX	WITNESS
	NW CORNER	0.0			1	ND	ND	IF&S
	NE CORNER	0.0						09/01/95
	SW CORNER	0.0						
	SE CORNER	0.0						

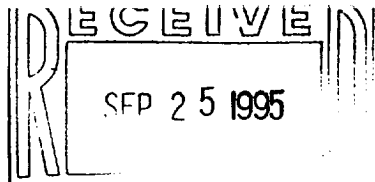
RE-SAMPLE OR CELL(S) SAMPLE

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							

[illegible]



Lab ID: 9509064-02B

Sample ID: AP# 116

Collected: 08/29/95 15:20:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	300	mg/Kg	5.0	10	09/14/95	SLFTD042
HCs DSL XT/CAL DHS 8015M	09/11/95	N/A				

Lab ID: 9509064-03A

Sample ID: AP# 127

Collected: 08/30/95 14:45:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316
Toluene	0.023	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316
Ethylbenzene	0.027	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316
P-&m-Xylene	0.30	mg/Kg	0.0020	5.0	09/12/95	SMSVOA316
O-Xylene	0.14	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316

Lab ID: 9509064-03B

Sample ID: AP# 127

Collected: 08/30/95 14:45:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	830	mg/Kg	5.0	100	09/15/95	SLFTD042
HCs DSL XT/CAL DHS 8015M	09/11/95	N/A				

Lab ID: 9509064-04A

Sample ID: AP# 29

Collected: 09/01/95 13:30:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316
Toluene	ND	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316
Ethylbenzene	ND	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316
P-&m-Xylene	ND	mg/Kg	0.0020	5.0	09/12/95	SMSVOA316
O-Xylene	ND	mg/Kg	0.0010	5.0	09/12/95	SMSVOA316

Lab ID: 9509064-04B

Sample ID: AP# 29

Collected: 09/01/95 13:30:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	ND	mg/Kg	5.0	10	09/14/95	SLFTD042
HCs DSL XT/CAL DHS 8015M	09/11/95	N/A				



SSAIGAL
ANALYTICAL
LABORATORIES

Chain of Custody Record

Lab job no.: 9064 Date 1 of 2

Client Apache Corp.
Address 304 W. Behrend
City / State / Zip Farlington, N.M. 87401
Project Name / Number Pit Remediation 75017
Contract / Purchase Order / Quote _____

Project Manager / Contact John Taylor
Telephone No. (505) 325-0318
Fax No. (505) 325-0328
Samplers: (Signature) [Signature]

7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 871
(505) 345-8964
3322 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

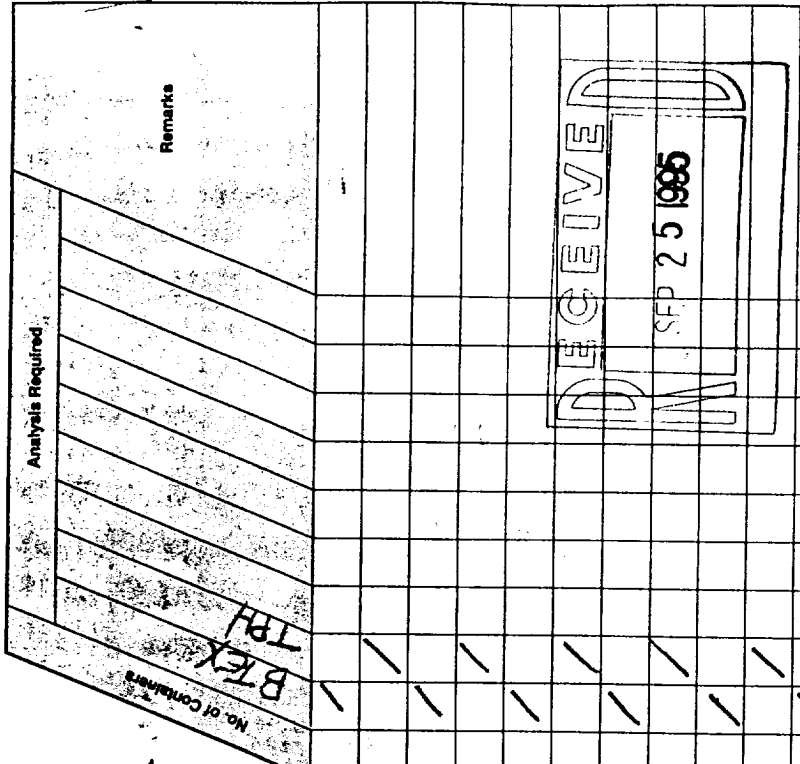
Field	Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation Temp.	Chemical
AP # 106	AP # 106	8/29	11:20	Soil	Close	500	ICE
AP # 106	AP # 106	8/29	11:20				
AP # 116	AP # 116	8/29	3:20				
AP # 116	AP # 116	8/29	3:20				
AP # 127	AP # 127	8/30	2:45				
AP # 127	AP # 127	8/30	2:45				
AP # 29	AP # 29	9/1	1:30				
AP # 29	AP # 29	9/1	1:30				
AP # 24	AP # 24	9/1	3:30				
AP # 24	AP # 24	9/1	3:30				
AP # 111	AP # 111	9/5	3:00				
AP # 111	AP # 111	9/5	3:00				

Relinquished by: [Signature]
Signature Scott Davis
Printed SCOTT DAVIS
Company AAL
Reason pick up / testing

Received by: [Signature]
Signature [Signature]
Printed EMILIO J. CHAVEZ
Company AAL
Reason receiving / testing

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

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



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COURIER