

District III Denny E. Foust
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~~

JAN 27 1999

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

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
AUG 24 1998

Operator: Apache Corporation/MW Petroleum Telephone: 505-825-0318

Address: 2855 Southside River Road, Suite A, Farmington, NM 87401

Facility or Well Name: JAT # 125 #9 Drip Pit

Location: Unit or Qtr/Qtr Sec J Sec 35 T 25 N R 4W County Rio Arriba

Pit Type: Separator: _____ Dehydrator: _____ Other: Blow Pit (Drip Pit)

Land Type: Jicarilla Tribal

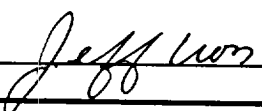
Beginning Pit Dimensions: Length 10' Width 10' Depth 3'
Pit Location: Ending Pit Dimensions: Length 10' Width 10' Depth 5'
(Attach diagram)
Reference: Wellhead _____ Other Line Drip
Footage from reference: 20'
Direction from reference: 50 Degrees X East North XX
West South

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) 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

Date Remediation Started:		<u>7/7/97</u>	Date Completed:		<u>7/8/97</u>
Remediation Method: (Check all appropriate sections)		Excavation	<u>XXX</u>	Approx. cubic yards	<u>12</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 5', took PID readings.</u>			
		<u>Spread soil on 125 #5 location for remediation. Took soil samples.</u>			
Groundwater Encountered:		No	<u>XX</u>	Yes	Depth <u> </u>
Final Pit:		<u>4 point composite sample taken 8 to 10 " into pit sidewalls,</u>			
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)		<u>grab sample taken 10" into pit bottom center.</u>			
Sample location					
Sample depth		<u>5'</u>	<u>8 to 10" into pit sidewalls 10" into pit bottom</u>		
Sample Date		<u>7/8/97</u>	Sample Time		<u>9:00 A. M.</u>
Sample results					
Benzene		(ppm)	<u>ND</u>		
Total BTEX		(ppm)	<u>ND</u>		
Field Headspace		(ppm)	<u>1.02</u>		
TPH			<u>ND\Sides</u>		
			<u>ND\BTM</u>		
Groundwater Sample:		Yes	<u> </u>	No	<u>XX</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>August 10, 1998</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>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 DRIP PIT</u>			
Location:	Unit or Qtr/Qtr	Sec	T 25N R 4W County <u>RIO ARRIBA</u>
Pit Type:	Separator: _____	Dehydrator: _____	Other <u>BLOW PIT (DRIP PIT)</u>
Land Type: <u>JIC. TRIBAL</u>			
Pit Location: (Attach diagram)	Pit Dimensions:	Length <u>10'</u>	Width <u>10'</u> Depth <u>5'</u>
	Reference:	Wellhead _____	Other <u>LINE DRIP</u>
	Footage from reference:	<u>20'</u>	
	Direction from reference:	<u>50</u> Degrees <u>X</u> East	North <u>XX</u>
		_____ 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>
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)	_____
	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)	_____
	100 feet to 1000 feet	(10 points)	_____
	Greater than 1000 feet	(0 points)	<u>0</u>
RANKING SCORE (TOTAL POINTS)			<u>0</u>

Date Remediation Started: <u>7/7/97</u>		Date Completed: <u>7/8/97</u>	
Remediation Method: (Check all appropriate sections)	Excavation <u>XXX</u>	Approx. cubic yards	<u>12</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 5', took PID readings. spread soil on 125 # 5 location for remediation. Took soil samples.</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>5'</u>		<u>8" to 10" into pit side walls, 10" into pit bottom.</u>	
Sample Date <u>7/8/97</u>		Sample Time <u>9:00AM</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>1.02</u>	Ethylbenzene (ppb) <u>NA</u>
	TPH (ppm)	<u>SIDES\ND</u>	Total Xylenes (ppb) <u>NA</u>
		<u>BTM\ND</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>7-16-98</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>Ken C M...</u>		DATE: <u>7-29-98</u>	

M W PETROLEUM/FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCATION JAT 125 # 9 DRIP PIT

PIT COUNT 1

Jicarilla Apache Tribal EPO/OCD/BLM
Review and Approval
OCD--BLM
EPO Representative _____
Date of Review _____

Excavation								
DIMENSIONS			START: 7/7/97	FINISH: 7/8/97				
	W	L	D		W	L	D	CU YDS
Pit 1	10'	10'	3'	Pit 1	10'	10'	5'	12
Pit 2				Pit 2				
Pit 3				Pit 3				
		Pit 1 @ 5'	Pit 2 @	Pit 3 @		Pit 1 @ 5'	Pit 2 @	Pit 3 @
P I D	Center	0.7			P I D	Center	0.7	
	NW Corner	2.2				NW Corner	2.2	
	NE Corner	0.1				NE Corner	0.1	
	SW Corner	2.1				SW Corner	2.1	
	SE Corner	0				SE Corner	0	

NOTES:

7/7/97 START EXCAVATION ON PIT , NO STAINING OR ODOR.

7/8/97 HIT BEDROCK AT 5'

7/8/97 FINISHED EXCAVATION AND TOOK SOIL SAMPLES .

SOIL SAMPLING

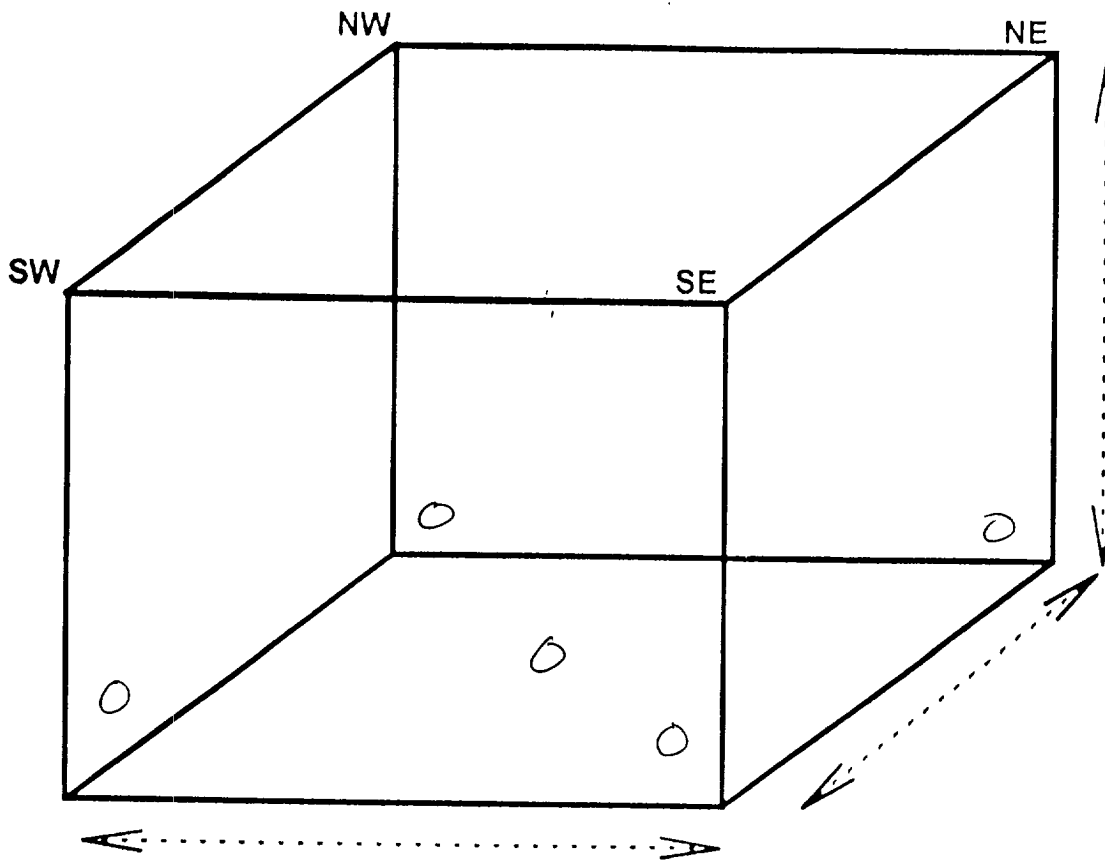
DATE: 7-8-97	Pit 1 @ 5'	Pit 2 @	Pit 3 @	ANALYSIS RESULTS			PER LAB	ASSAIGAI
P I D	Center	0.7		PIT NO	TPH	BETEX	WITNESS	DATE
	NW Corner	2.2			SIDE\BTM	SIDE\BTM		
	NE Corner	0.1		1	ND\ND	ND\ND	JEFF C.	7/15/97
	SW Corner	2.1		2				
	SE Corner	0		3				

RE-SAMPLE OR CELL(S) SAMPLE

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

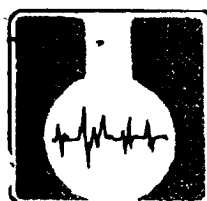


○ = SAMPLE AREA

WELL NAME JAT 125 #9 Drip Pit

SAMPLE DATE 7-8-97

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

Report Generated:
July 18, 1997 13:05

**CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE**

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

WORKORDER # : 9707103
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 07/11/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9707103-01A
Sample ID: JAT 125 #9 DRIP PIT SIDES

Collected: 07/08/97 09:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/kg	0.0050	100	07/15/97	SBTXME177
Toluene	ND	mg/kg	0.0050	100	07/15/97	SBTXME177
Ethylbenzene	ND	mg/kg	0.0050	100	07/15/97	SBTXME177
P-&m-Xylene	ND	mg/kg	0.010	100	07/15/97	SBTXME177
O-Xylene	ND	mg/kg	0.0050	100	07/15/97	SBTXME177

Lab ID: 9707103-01B
Sample ID: JAT 125 #9 DRIP PIT SIDES

Collected: 07/08/97 09:00:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015						
Diesel Range OG in Soil	ND	mg/Kg	25	25	07/16/97	SDRO41

Lab ID: 9707103-02A
Sample ID: JAT 125 #9 DRIP PIT BOTTOM

Collected: 07/08/97 09:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/kg	0.0050	100	07/16/97	SBTXME177
Toluene	ND	mg/kg	0.0050	100	07/16/97	SBTXME177
Ethylbenzene	ND	mg/kg	0.0050	100	07/16/97	SBTXME177
P-&m-Xylene	ND	mg/kg	0.010	100	07/16/97	SBTXME177
O-Xylene	ND	mg/kg	0.0050	100	07/16/97	SBTXME177



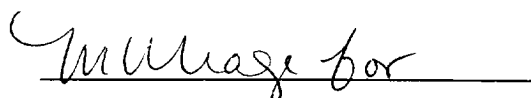
ID: 9707103-02B

Collected: 07/08/97 09:15:00

Sample ID: JAT 125 #9 DRIP PIT BOTTOM

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	25	25	07/16/97	SDRO41


William P. Blava
President

WORKORDER COMMENTS

DATE : 07/18/97
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

E.I. SCHLESINGER,

BOULE. NEW ME
(505) 715 8954

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

1910 N. BIG SPRING
MIDLAND, TEXAS 79705
(915) 570-1115

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

Project Manager / Contact ~~Jeff Cross~~

Client Apache Corporation
Address 304 N. Behrend

Telephone No. (505) 774-6643

City / State / Zip Farmington, NM 87401

Fax No. (505) 774-6624

Project Name/Number JICARILLA PIT CLOSURES

Samplers: (Signature) John Mader

Contract / Purchase Order / Quote _____

ATA Form Number	Field Sample Number/Location	Date	Time	Sample Type	Type/Size of Container	Preservation	
						Temp.	Chemical
1A	JAR 125 *92 Dip Pit Sides	7-8-97	9:00	Soil	402 glass	4°C	ICE
1B	"						
2A	JAR 125 *92 Dip Pit Bottom		9:15				
2B	"						
<div>Signature: <u>[Signature]</u> Date: <u>7-11-97</u> Printed: <u>JEFF CASS</u> Time: <u>8:30 AM</u> Company: <u>Apache Corp</u> Reason: <u></u></div> <div>Received by: <u>[Signature]</u> Signature: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Printed: <u>ELVIN U. GARCIA</u> Printed: <u>ELVIN U. GARCIA</u> Company: <u>AAIC</u> Company: <u>AAIC</u> Reason: <u></u> Reason: <u></u></div> <div>Date: <u>7/11/97</u> Date: <u>7/11/97</u> Time: <u>8:30 AM</u> Time: <u>8:30 AM</u> Company: <u>AAIC</u> Company: <u>AAIC</u> Reason: <u></u> Reason: <u></u></div> <div>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</div>							

JAT 125 #9 Dr. p.p.it
Wit(J) sec 35 T25N R4W

