

Penny E. Frost
District III

DEPUTY OIL & GAS INSPECTOR

Aztec, NM 87410

DEC 17 1998

State of New Mexico
Minerals and Natural Resources Department

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

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

Approved

PIT REMEDIATION AND CLOSURE REPORT

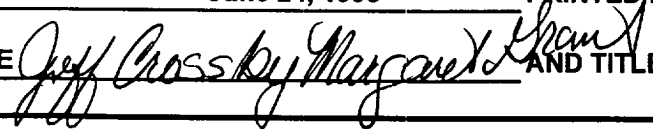
RECEIVED
JUL 6 1998

Operator: Apache Corporation Telephone: 505-325-0318
Address: 2855 Southside River Road, Suite A, Farmington, NM 87401
Facility or Well Name: Apache # 128
Location: Unit or Qtr/Qtr Sec H Sec 14 T 24 N R 4W County Rio Arriba
Pit Type: Separator: _____ Dehydrator _____ Other Tank Drain/Blow Pit
Land Type: Jicarilla Tribal

Beginning Pit Dimensions: Length 20' Width 20' Depth 5'
Pit Location: Ending Pit Dimensions: Length 30' Width 30' Depth 12'
(Attach diagram)
Reference: Wellhead XXX Other _____
Footage from reference: 80'
Direction from reference: 310 Degrees _____ East North X
_____ 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)	<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 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>

Date Remediation Started:		<u>9/12/94</u>		Date Completed:		<u>7/31/97</u>	
Remediation Method: (Check all appropriate sections)		Excavation <u>XXX</u>		Approx. cubic yards		<u>363</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 30' W X 30' L X 12' D. Stop Excavation</u>					
		<u>due to safety Hazard. Pit side walls caving in underneath production tank, unable to obtain</u>					
		<u>soil sample due to safety hazard. Spread soil on location for remediation</u>					

Groundwater Encountered:		No <u>XX</u>		Yes _____		Depth _____	
Final Pit:		Sample location		<u>Soil samples unobtainable due to safety hazards. Total soil</u>			
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)		Sample depth		<u>removed was 363 yards, see onsite soil remediation report.</u>			
				<u>Took core sample G 16'</u>			
		Sample Date		<u>9/23/97</u>		Sample Time <u>1:15 P.M.</u>	
		Sample results					
		Benzene		(ppm)		<u>ND</u>	
		Total BTEX		(ppm)		<u>ND</u>	
		Field Headspace		(ppm)		<u>ND</u>	
		TPH				<u>ND</u>	
Groundwater Sample:		Yes _____		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>June 24, 1998</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 # 128</u>			
Location:	Unit or Qtr/Qtr	Sec <u>H</u>	SEC 14 T 24N R 4W County <u>RIO ARRIBA</u>
Pit Type:	Separator: _____	Dehydrator: _____	Other <u>TANK DRAIN (BLOW PIT)</u>
Land Type: <u>JIC. TRIBAL</u>			
Pit Location: (Attach diagram)			
Pit Dimensions:	Length <u>30'</u>	Width <u>30'</u>	Depth <u>12'</u>
Reference:	Wellhead <u>XXX</u>	Other _____	
Footage from reference:	<u>80'</u>		
Direction from reference:	<u>310</u> Degrees	_____ East	North <u>X</u>
		<u>XX</u> West	of South _____
Depth To Groundwater:			
(vertical distance from		Less than 50 feet	(20 points) _____
contaminants to seasonal		50 feet to 99 feet	(10 points) _____
high water elevation of		Greater than 100 feet	(0 points) <u>0</u>
groundwater)			
Distance to an Ephemeral Stream:			
(Downgradient dry wash greater than		Less than 100 feet	(10 points) _____
ten feet in width		Greater than 100 feet	(0 points) <u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond:			
(Downgradient lakes, playas and		Less than 100 feet	(10 points) _____
livestock or wildlife watering ponds)		Greater than 100 feet	(0 points) <u>0</u>
Wellhead Protection Area:			
(Less than 200 feet from a private		Yes	(20 points) _____
domestic water source, or less than		No	(0 points) <u>0</u>
1000 feet from all other water sources)			
Distance To Surface Water:			
(Horizontal distance to perennial		Less than 100 feet	(20 points) _____
lakes, ponds, rivers, streams, creeks,		100 feet to 1000 feet	(10 points) _____
irrigation canals and ditches)		Greater than 1000 feet	(0 points) <u>0</u>
RANKING SCORE (TOTAL POINTS)			<u>0</u>

Date Remediation Started:		<u>9/12/94</u>		Date Completed:		<u>7/31/97</u>	
Remediation Method: (Check all appropriate sections)		Excavation		<u>XXX</u>		Approx. cubic yards	
		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: EXCAVATE PIT TO 30' W X 30' L X 12' D. STOP EXCAVATION DUE TO SAFTY HAZARD. PIT SIDE WALLS CAVING IN UNDERNEATH PRODUCTION TANK. UNABLE TO OBTAIN SOIL SAMPLE DUE TO SAFTY HAZARD. SPREAD SOIL ON LOCATION FOR REMEDIATION.							
Groundwater Encountered:		No		<u>XXX</u>		Yes	
						Depth	
Final Pit:		Sample location <u>SOIL SAMPLES UNOBTAINABLE DUE TO SAFTY HAZARDS.</u>					
Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths)		TOTAL SOIL REMOVED WAS 363 YARDS , SEE ONSITE SOIL REMEDIATION REPORT.					
		Sample depth		<u>Took core sample @ 16'</u>			
		Sample Date		<u>9-23-97</u>		Sample Time	
		Sample results					
Soil:		Benzene		(ppm)		<u>ND</u>	
		Total BTEX		(ppm)		<u>ND</u>	
		Field Headspace		(ppm)		<u>ND</u>	
		TPH		(ppm)		<u>ND</u>	
Water:		Benzene		(ppb)		<u>NA</u>	
		Toluene		(ppb)		<u>NA</u>	
		Ethylbenzene		(ppb)		<u>NA</u>	
		Total Xylenes		(ppb)		<u>NA</u>	
Groundwater Sample:		Yes		<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>8-22-97</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>Kerr C Marshall</u>		DATE:		<u>5-7-98</u>	

GENERAL DRAINAGE



NORTH

APACHE

APACHE NUMBER 128 Lease # JAT 129

SE/4 NE/4 (H)

SECTION 14, TOWNSHIP 24N, RANGE 4W

RIO ARriba COUNTY, NM

Revised 6/1/97 MG

S

WELL HEAD



PUMP JACK

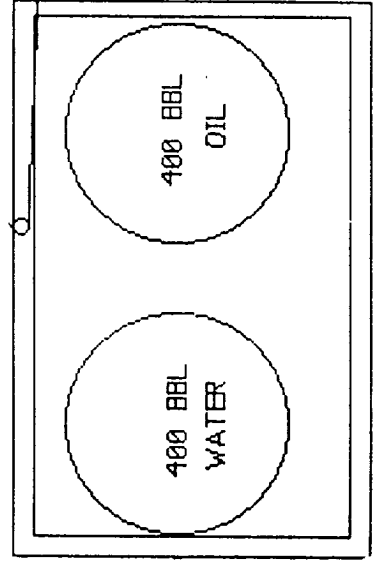
CM

4' X 48' EPNG METER RUN

EPNG
LINE
DRIP

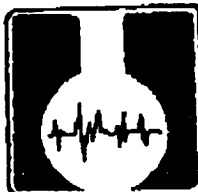


Dirt cell.



PIT
RECLAIMED

S SEPARATOR



ASSAIGAI ANALYTICAL LABORATORIES, INC.

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3332 Wedgewood, E-5 • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

Report Generated:
October 1, 1997 09:59

CERTIFICATE OF ANALYSIS RESULTS BY SAMPLE

SENT APACHE CORPORATION
TO: 2855 SOUTHSIDE RIVER RD STE
FARMINGTON, NM 87401-7947

WORKORDER # : 9709214
AWORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 09/24/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9709214-01A
Sample ID: APACHE 128 CORE SAMPLE

Collected: 09/23/97 13:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A	ND	mg/kg	0.0050	100	09/25/97	SVUST007
Benzene	ND	mg/kg	0.0050	100	09/25/97	SVUST007
Toluene	ND	mg/kg	0.0050	100	09/25/97	SVUST007
Ethylbenzene	ND	mg/kg	0.0050	100	09/25/97	SVUST007
P-&m-Xylene	ND	mg/kg	0.0050	100	09/25/97	SVUST007
O-Xylene	ND	mg/kg	0.0050	100	09/25/97	SVUST007

Lab ID: 9709214-01B
Sample ID: APACHE 128 CORE SAMPLE

Collected: 09/23/97 13:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015	ND	mg/Kg	25	25	09/26/97	SDRO055
Diesel Range OG in Soil						

William P. Biava
William P. Biava
President



WORKORDER COMMENTS

DATE : 10/01/97
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

Client Apache Corporation Project Manager / Contact Jeff Cross

Address 304 N. Behrend Telephone No. (505) 774-6643

City/State/Zip Farminington, NM 87401 Fax No. (505) 774-6624

Project Name / Number JICARILLA PIT CLOSURES Samplers: (Signature) 

Contract / Purchase Order / Quote _____

10-01-1997 10:05AM FROM ASSAIGAI LABS 1 505 3457259

Client: <u>Spokane Corporation</u> Address: <u>304 N. Behrend</u> City/State/Zip: <u>Farlington, NM 87401</u> Project Name / Number: <u>JICARILLA PIT CLOSURES</u> Contract / Purchase Order / Quote: _____		Telephone No. <u>(505) 774-6643</u> Fax No. <u>(505) 774-6624</u> Samplers: (Signature) <u>[Signature]</u>	
Analyte Required <u>BTEX (mt. 845)</u> No. of Containers <u>1</u>		Received by: <u>Caden Rubio</u> Signature _____ Printed _____ Company <u>AAZ</u> Reason _____	
Date <u>9/24/12</u> Time <u>9:00 AM</u>		Date <u>9/25/12</u> Time <u>8:00 AM</u>	
Requisitioned by: <u>[Signature]</u> Signature _____ Printed _____ Company <u>AAZ</u> Reason _____		Requisitioned by: <u>[Signature]</u> Signature _____ Printed _____ Company _____ Reason _____	
Method of Shipment: _____ Shipments 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	

All Field Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation	
						Temp.	Chemical
1A	AP206 12.5 522000	9/23/12	1:15	50.2	4 02 g/L	Ice	1 X
1B	11 A 11	1	1	1	1	1	1 X

Aprache 128

	ppm
TPH	
BTEX	50 ppm
Benzene	10 ppm

Pin Size: 30 x 30 x 12 Condition: _____

PN Size: 30 x 30 x 12

Status/ Vulnerable / Non-Vulnerable

[illegible]

Remarks
Backfilled pit because of sidewalls caving in to close to tanks
Bottom sample unobtainable because of safety concerns

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 # 128</u>			
Location:	Unit or Qtr/Qtr	Sec <u>H</u>	Sec <u>14</u> T <u>24N</u> R <u>4W</u> County <u>RIO ARRIBA</u>
Land Type <u>JIC. TRIBAL</u>			
Date Remediation Started: <u>9/12/94</u>		Date Completed: <u>7/31/97</u>	
Remediation Method:	Landfarmed	<u>XXX</u>	Approx. cubic yards <u>363</u>
	Composted	<u> </u>	
	Other	<u> </u>	
Depth to Groundwater: (pts) <u>0</u>		Final Closure Sampling Sampling Date: <u>7/31/97</u> Time: <u>12:30PM</u> Sample Results: Field Headspace (ppm) <u>1.1</u> TPH (ppm) <u>1600</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>8-22-97</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>Keith Marshall</u>		DATE: <u>5-7-98</u>	

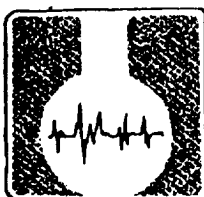
APACHE CORPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE APACHE # 128

* AMOUNT OF SOIL UNDERGOING REMEDIATION 363 Yds.

CELL No. <u>1</u>	SampDATE	TPH	BTEX
	6/6/97	15000	ND
	7/31/97	1600	ND
DIMENSIONS(LxWxH) <u>70' L X 70' W X 24" H</u>			
CELL LOCATION (dir. from well head) <u>WEST</u>			
* DATE BEGAN: <u>9/12/94</u>			
DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>7/31/97</u>			
CELL No. <u>2</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>3</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) _____			
REMEDICATION RECORD: (Date, Treatment, Tilling)			
6/10/97 TREAT CELL WITH 46-0-0 FERTILIZER, WATER AND TILL.			
6/20/97 TILL CELL.			
7/18/97 TILL CELL.			
7/24/97 WATER AND TILL CELL.			

From excavation reports.



**ASSAIGAI
ANALYTICAL
LABORATORIES, INC.**

AUG 13 1997

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Report Generated:
August 8, 1997 13:30

**CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE**

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

WORKORDER # : 9708017
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 08/01/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9708017-01A
Sample ID: A128 DIRT CELL

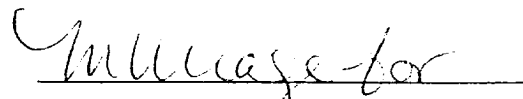
Collected: 07/31/97 12:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/kg	0.0050	100	08/04/97	SBTXME181
Toluene	ND	mg/kg	0.0050	100	08/04/97	SBTXME181
Ethylbenzene	ND	mg/kg	0.0050	100	08/04/97	SBTXME181
P-&m-Xylene	ND	mg/kg	0.010	100	08/04/97	SBTXME181
O-Xylene	ND	mg/kg	0.0050	100	08/04/97	SBTXME181

Lab ID: 9708017-01B
Sample ID: A128 DIRT CELL

Collected: 07/31/97 12:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015						
Diesel Range OG in Soil	1600	mg/Kg	25	25	08/05/97	SDRO045


William P. Biava
President



Small
ASACAL
ANALYTICAL
LABORATORIES

ALBUQUERQUE, NEW MEXICO 87101
(505) 345-8964

3312 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

Contract / Purchase Order / Quote

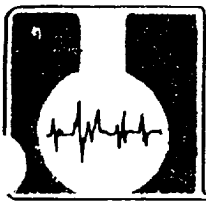
CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

Analysis Required

Remarks

ALL FUNCTION NUMBER		Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation Temp.	Chemical	No. of Containers	Remarks	
01A	A 12X DIRT CELL	7-31-97	12:30	SOIL	4032 Glass	4°C	ECG	1		BTEX (mod. 8015)	
01B	" "	1	1	1	1	1	1	1			
Address <u>304 N. Behrend</u> City/State/Zip <u>Farmington, NM 87401</u> Project Name / Number <u>JICARILLA PIT CLOSURES</u> Contract / Purchase Order / Quote _____ Telephone No. <u>(505) 774-6643</u> Fax No. <u>(505) 774-6624</u> Samplers: (Signature) <u>[Signature]</u>											
Relinquished by: Signature <u>[Signature]</u> Printed <u>John Mulhair</u> Company <u>Apache Corp.</u> Reason _____ Received by: Signature <u>[Signature]</u> Printed <u>John Mulhair</u> Company <u>AAI</u> Reason _____											
Relinquished by: Signature _____ Printed _____ Company _____ Reason _____ Received by: Signature <u>[Signature]</u> Printed <u>Elleen Dymna</u> Company <u>AAI</u> 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



**ASSAIGAI
ANALYTICAL
LABORATORIES, INC.**

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JUN 24 1997

Report Generated:
June 13, 1997 16:56

**CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE**

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

WORKORDER # : 9706071
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 06/09/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9706071-01A
Sample ID: JAT A128 CELL #1

Collected: 06/06/97 14:40:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	10000	06/13/97	SBTXME169
Toluene	ND	mg/Kg	0.0010	10000	06/13/97	SBTXME169
Ethylbenzene	ND	mg/Kg	0.0010	10000	06/13/97	SBTXME169
P-&m-Xylene	ND	mg/Kg	0.0020	10000	06/13/97	SBTXME169
O-Xylene	ND	mg/Kg	0.0010	10000	06/13/97	SBTXME169

Lab ID: 9706071-01B
Sample ID: JAT A128 CELL #1

Collected: 06/06/97 14:40:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015						
Diesel Range OG in Soil	15000	mg/Kg	50	25	06/12/97	SDRO32
TKN/SM4500-N & NH3 B&C						
Total Kjeldahl Nitrogen	170	mg/Kg	1.0	10	06/12/97	W97252

William P. Biava

William P. Biava
President





Lab job no. 6071 Date 5/2/92

ALBUQUERQUE, NEW MEXICO 87109
(505) 745-8964
JUN JEFFERSON, N.E.

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

MELQUIADES ALANIS
6411 LOCAL UNO
CIUDAD JUAREZ, CHIHUAHUA MEX.

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)

Contract / Purchase Order / Quote _____

[illegible]

Relinquished by: Signature <u>[Signature]</u> Printed <u>Mickey A Heen</u> Company <u>APACHE CORP</u> Reason _____	Date <u>6/6/57</u>	Received by: Signature <u>[Signature]</u> Printed <u>Edwin J. Foster</u> Company <u>AMES</u> Reason _____	Relinquished by: Signature <u>[Signature]</u> Printed <u>Edwin J.</u> Company <u>AMES</u> Reason _____
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Received by:	Relinquished by:
Signature <i>Edwin J. Carter</i>	Signature <i>Edwin J. Carter</i>
Printed <i>Edwin J. Carter</i>	Printed <i>Edwin J. Carter</i>
Company <i>Agre</i>	Company <i>Agre</i>
Reason	Reason

Date	8/9/97
Time	8:00 AM

Received by:	
Signature	Scott Pratt
Printed	SCOTT PRATT
Company	AAL

Method of Shipment: _____	Comments: _____
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

LABORATORY

OFF: (505) 325-8786



LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn: *Mark McCool*
Company: *Apache Corporation*
Address: *304 N. Behrend*
City, State: *Farmington, NM 87401*

Date: *3/3/95*
COC No. *2691*
Sample ID: *5349*
Job No. *2-1091*

Project Name: *Apache Corporation*
Project Location: *AP 128*
Sampled by: *NR* Date: *NR*
Analyzed by: *DLA* Date: *3/3/95*
Sample Matrix: *Soil*

Time: *NR*

Aromatic Volatile Organics

Component	Measured Concentration mg/kg	Detection Limit Concentration mg/kg
<i>Benzene</i>	<i>ND</i>	<i>0.0002</i>
<i>Toluene</i>	<i>ND</i>	<i>0.0002</i>
<i>Ethylbenzene</i>	<i>ND</i>	<i>0.0002</i>
<i>m,p-Xylene</i>	<i>ND</i>	<i>0.0002</i>
<i>o-Xylene</i>	<i>ND</i>	<i>0.0002</i>
	<i>TOTAL 0.0 mg/kg</i>	

ND - Not Detectable

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *Day*
Date: *3/3/95*

OFF: (505) 325-8786



LAB: (505) 325-5667

TOTAL PETROLEUM HYDROCARBONS

Attn: *Mark McCool*
Company: *Apache Corporation*
Address: *304 N. Behrend*
City, State: *Farmington, NM 87401*

Date: *3/3/95*
Lab ID: *2691*
Sample ID: *5349*
Job No. *2-1091*

Project Name: *Apache Corporation*
Project Location: *AP 128*
Sampled by: *NR* Date: *NR*
Analyzed by: *DLA* Date: *3/3/95*
Sample Matrix: *Soil*

Time: *NR*

Total Petroleum Hydrocarbons

<i>Component</i>	<i>**Measured Concentration mg/Kg</i>
<i>Gasoline Range (C5 - C9)</i>	<i>ND</i>
<i>Diesel Range (C10 - C28)</i>	<i>100</i>
<i>TOTAL</i>	<i>100</i>

ND - Not Detectable

*** - Method Detection Limit, 0.5 mg/Kg*

Quality Assurance Report

Method Blank

<i>Analytes in Blank</i>	<i>Amount</i>
<i>Average Amount of All Analytes In Blank</i>	<i><0.5ppm</i>

Calibration Check

<i>Calibration Standards</i>	<i>Units of Measure</i>	<i>*True Value</i>	<i>Analyzed Value</i>	<i>% Diff</i>	<i>Limit</i>
<i>Gasoline Range</i>	<i>ppm</i>	<i>625</i>	<i>637</i>	<i>1.9</i>	<i>15%</i>
<i>Diesel Range</i>	<i>ppm</i>	<i>2,500</i>	<i>2,526</i>	<i>1.0</i>	<i>15%</i>

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *Da G*
Date: *3/3/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

WELL NAME:

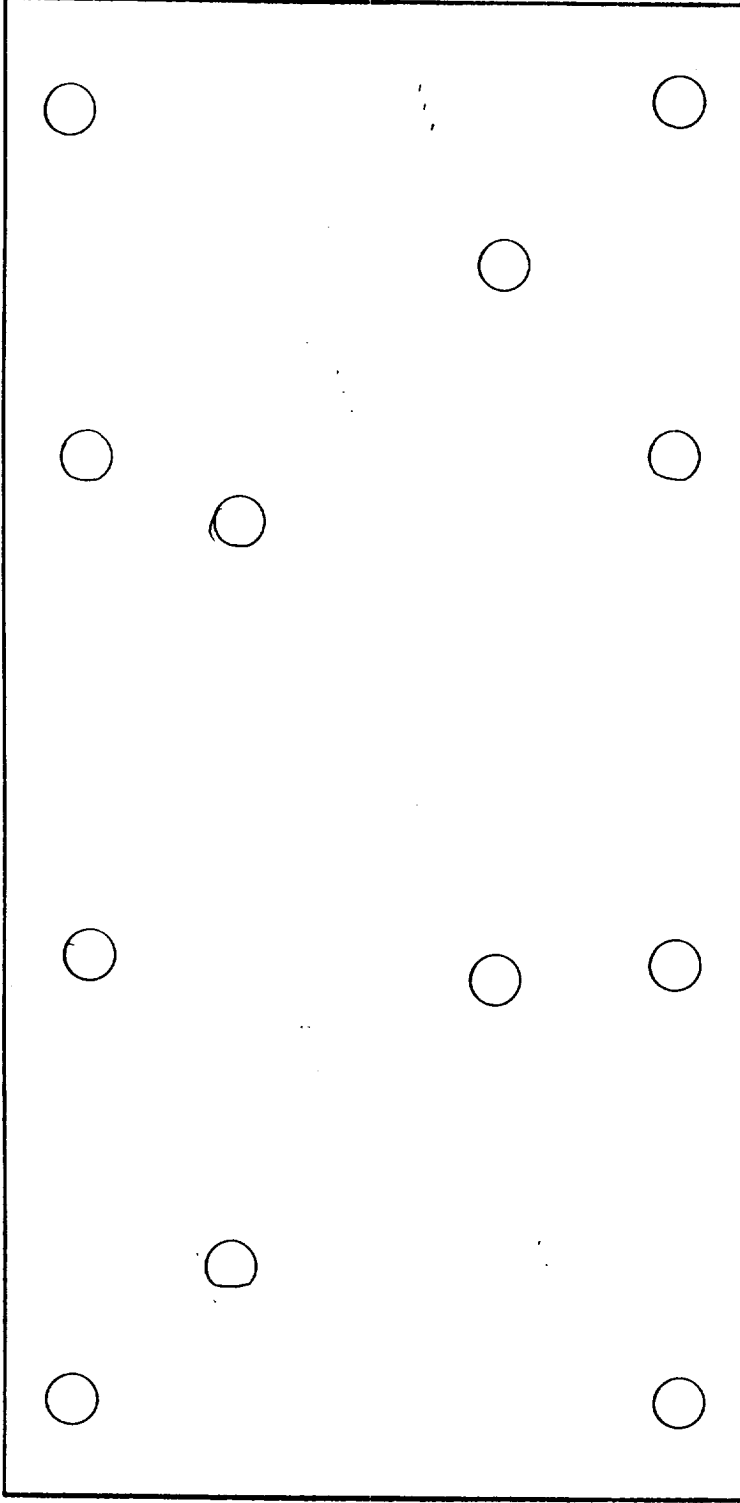
Apache #128

SAMPLE DATE:

7-31-97

DIMENSIONS:

= SAMPLE AREA



NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

12 point composite sample

PIG composite reading 1.1 ppm.