District III Aztec, NM_87410

State of New Mexico 1000 Rio Brazos Rd Energy, Minerals and Natural Resources Department

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

FEB 0 8 1999

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

PIT REMEDIATION AND CLOSURE REPO

	14/11/200C1	4				_W		1
Operator:	Apache Corporation			_Telephone:		505-325	-0318	
Address:	2855 Southside River Road,	Suite A, Farn	nington, Ni	M 87401				
Facility or	Well Name:	APACHE	150 Pit #1	<u> </u>				
Location:	Unit or Qtr/Qtr Sec	F	Sec 3	T 24 N	R 4W	County	Rio Arriba	
Pit Type:	Separator: XX	Dehydrato	or	_Other				
Land Type	e: Jicarilla Tribal							
	Beginning Pit Dimensions:	Length	n30	' Width	30'	Del	pth 5'	
Pit Location:	•	Length	n33	<u>V</u> Width	33'	De	pth 10'	
(Attach dia	Reference:	Wellhead	XXX	_Other				
	Footage from reference:		140)'	-			
	Direction from reference:		188	_ Degrees		East	North _	
					X	West	of South _	XX
Depth To	Groundwater:			Less than	50 feet		(20 points)	
(vertical dist	ance from			50 feet to 9			(10 points)	
	ts to seasonal			Greater that	an 100 feet		(0 points) _	0
high water e groundwater								
Wellhead	I Protection Area:					Yes	(20 points)	
(Less tha	n 200 feet from a private					No	(0 points)	0
4	water source, or; less than from all other water sources)							
l .	To Surface Water: al distance to perennial			Less than	200 feet 1000 feet		(20 points) _ (10 points)	
`	al distance to perennial nds, rivers, streams, creeks,				an 1000 feet	et	(0 points) _	0
	canals and ditches)			RANKING	SCORE (T	OTAL P	· · · · · <u>-</u>	0

Date Remediation Star	ted:	12/2/95		Date Comple	ted:	12/14/95
Remediation Method:		Excavation	xxx	_Approx. cubi	c yards	236
(Check all appropriate sections)	Landfarmed		XX	_Insitu Biorem	nediation	
		Other				
Remediation Location: (i.e. landfarmed onsite, name and location of	:	Onsite	XX	_Offsite		
offsite facility)						
General Description of	f Remedial Action:		Excavate	pit to 10', too	k PID readings.	Backfill pit with
clean soil.	Remediated soil to	be spread	on location	n. Spread so	il on location fo	r remediation.
Took soil sa	amples		,			
			P-10			
Groundwater Encoun	tered:	No	X)	X Yes_	D	Pepth
Final Pit:	Sample location		5 point com	nposite sample t	taken from pit sidew	<i>ı</i> alls and pit
Closure Sampling: (in multiple samples,			bottom cen			
attach sample results and diagram of sample	Sample depth	10'			alls 10" into pit	bottom
locations and depths)			12/14/9		Sample Time	2:05 PM
	Sample Date Sample results		12/14/3		Campio Time	
	Benzene		(ppm)	ND		
	Total BTEX		(ppm)	ND		
	Field Headspace		(ppm)	13.18		
	TPH			1600		
Groundwater Sample		Ye		No		es attach sample results)
HEREBY CERTIFY THE KNOWLEDGE AND E		ATION ABO	OVE IS TRI	UE AND COM	PLETE TO THE	BEST OF MY
DATE	December 1, 199	98	PRINTE	D NAME	Jeff Cross	
SIGNATURE A	Hlun		AND TIT	ΓLE	Project Manage	er
	YU					

District III 1000 Rio Brazos Rd Aztec, NM 87410

State of New Mexico Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

2040 S. PACHECO Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

Operator:	Apache Co	rporation			Telephone) :	505-325	-0318	
Address:	2855 South	side River Road, S	uite A, Farm	nington, NN	1 87401				
Facility or	Well Name:		APACHE	150 Pit #2					
Location:	Unit or Qtr/0	Qtr Sec	F	Sec 3	T 24 N	R 4W	County	Rio Arriba	
Pit Type:	Separator:		_Dehydrato	r	Other	Drip Pit			
Land Type):	Jicarilla Tribal					····		
	Beginn	ing Pit Dimensions:	Length	18'	Width	٦	18' Dep	oth2'	
Pit Location:		ng Pit Dimensions:	Length	18'	_ Width	n	18' De	pth 5'	
(Attach dia	agram) Refere	ence:	Wellhead	XXX	Other				
	Foota	ge from reference:		125		_			
	Direct	ion from reference:		300	Degrees		East	North _	Х
						XX	West	South _	
Depth To	Groundwat	er:	<u> </u>		Less than		· <u> </u>	(20 points)	
(vertical dist	ance from				50 feet to			(10 points)_	
contaminant	ts to seasonal				Greater th	nan 100 fe	eet	(0 points) _	0
high water e groundwate									
Wellhead	l Protection	Area:					Yes	(20 points)	
domestic		om a private e, or; less than er water sources)					No	(0 points) _	00
	To Surface				-	n 200 feet		(20 points)	
`	al distance to	~				to 1000 fe han 1000		(10 points) (0 points)	0
	nds, rivers, s canals and c	streams, creeks, ditches)					E (TOTAL P		0

Date Remediation Sta	rted:	12/2/95		_Date Comp	leted:		12/14/95
Remediation Method: (Check all appropriate sections)	Landfarmed	Excavation	XXX	_Approx. cut Insitu Biore	-		36
		Other		-			
Remediation Location (i.e. landfarmed onsite,	: :	Onsite	XX	_Offsite			
name and location of offsite facility)							-
General Description o	of Remedial Action:		Excavate	pit to 5', too	k PID rea	dings. Back	fill pit with
clean soil.	Remediated soil to I	oe spread o	on locatio	n. Spread s	oil on loca	ation for rem	ediation.
Took soil s	amples						
				·			
<u> </u>							***
Groundwater Encoun	tered:	No	X)	Yes		_ Depth	
Final Pit:	Sample location		5 point com	posite sample	taken from	pit sidewalls a	nd pit
Closure Sampling: (in multiple samples,	·.		bottom cen				
attach sample results and diagram of sample	Sample depth	5'	8 to 10" i	nto pit sidev	valls 10" i	nto pit botto	m
locations and depths)	Sample Date Sample results		12/14/9	5	Sample T	ime	1:55 PM
	Benzene		(ppm)	ND			
	Total BTEX		(ppm)	ND			
	Field Headspace		(ppm)	33.22			
	ТРН			150			
Groundwater Sample	:	Yes		_ No	XX	_(If yes atta	ch sample results)
I HEREBY CERTIFY T KNOWLEDGE AND B		TION ABOV	VE IS TRU	E AND COM	PLETE TO	THE BEST	OF MY
DATE	December 1, 1998		PRINTED	NAME	Jeff Cros	ss	
SIGNATURE	eff Con		_AND TITI	_E	Project M	lanager	
	<i>0</i>	·. 					

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:	APACHE CORPORATION	NN		_Telephone	505-325-0	318		
Address:	2855 Southside River Ro	oad, Suite A	, Farmingto	n, NM 8740)1			
Facility or W	ell Name:	APACHE #	150 PIT	#1				
Location:	Unit or Qtr/Qtr Sec	F	SEC 3	T 24 N	R4W	County	Rio Arriba	
Pit Type:	Separator: XX	Dehydrator		_Other				
Land Type:	Jicarilla Tribal							
Pit Location:	Pit Dimensions:	Length	33'	Width	33'	Depth	n <u>10'</u>	
(Attach diagr	ram) Reference:	Wellhead	XX	_Other				
	Footage from refer	ence:	140	1	_			
	Direction from refe	rence:	188	_Degrees		_East	North _	
					X	o _West	f South _	XX
Depth To G	roundwater:			Less than			(20 points)	
(vertical distance contaminants to				50 feet to Greater th	99 feet an 100 feet	t	(10 points) _ (0 points)	0
high water eleva groundwater)							· · · · -	
Distance to	an Ephemeral Stream:			Less than			(10 points)	
(Downgradie ten feet in w	ent dry wash greater than idth			Greater th	an 100 fee	t	(0 points) _	0
Distance to	Nearest Lake, Playa, or	Natering Po	nd:	Less than	100 feet		(10 points)	
	ent lakes, playas and wildlife watering ponds)			Greater th	an 100 fee	t	(0 points)	0
Wellhead Pi	rotection Area:				Yes	S	(20 points)	
3 '	00 feet from a private				No	0	(0 points)	0
i	ater source, or less than om all other water sources	s)						
Distance To	Surface Water:			Less than			(20 points)	
· ·	distance to perennial				o 1000 feet		(10 points) (0 points)	0
	s, rivers, streams, creeks, nals and ditches)				an 1000 fe SCORE (TOTAL PO	•	0
				10 district				<u>-</u>

Date Remediat	tion Starte	ed: _	12/2/95		Date Com	pleted:	12/14/95	
. Remediation M (Check all appr		!	Excavation	XXX	Approx. cu	ıbic yards	236	
sections)	ιυριιαιε	Land	Ifarmed	XX	Insitu Bior	emediation		
			Other					
Remediation L			Onsite _.	XX	Offsite			
(i.e. landfarme name and loca								
offsite facility)								
General Desci	ription of	Remedial Acti	ion:	DEMEDIA		E PIT TO 10', TOO		3S.
E	BACK FILL SPREAD S	SOIL ON LOCA	LEAN SOIL. ATION FOR	REMIDIATI	ON. TOOK	TO BE SPREAD OI SOIL SAMPLES .	TEOCHTON.	
Groundwater	Encounte	red:	No	X	_ Yes	De	epth	
Final Pit:		Sample locati	ion	5 noint com	nosite take	n from pit sidewalls	s , and pit bottom	center.
Closure Samp (in multiple sar	mples,	Sample locat		o point com	posito take	pr. ordorvane		
attach sample and diagram o	of sample	Sample depti	ካ	10'	_			
	gepins) Sample Da Sample re			12/14/95		_Sample Time	2:05PM	. <u></u>
,	Soil:	Benzene		(ppm)	ND	_Water: Benze	ne (ppb)	NA
		Total BTEX		(ppm)	ND	Toluer	ne (ppb)	NA
		Field Headsp	ace	(ppm)	13.18	_ Ethylbenze	ene (ppb)	NA
		TPH		(ppm)	1600	_ Total Xyle	nes (ppb)	NA
Groundwater	Sample:		Yes	i	_ No	X (if yes	attach sample re	esults)
I HEREBY CE KNOWLEDGE			RMATION A	BOVE IS TR	UE AND C	OMPLETE TO THE	BEST OF MY	
DATE		10/1/98		PRINTED I	NAME	JEFF	cross	
SIGNATURE	_Je	ff lw	7	_AND TITLE	Ē	Project Manager	· · · · · · · · · · · · · · · · · · ·	. <u> </u>
AFTER REVIE THE JICARILI	W ØF TH	E PIT CLOSU HE TRIBE PIT	RE INFORM. CLOSURE C	ATION, PIT ORDINANCE	CLOSURE	IS APPROVED IN A	ACCORDANCE 1	0
APPROVED:	YES	;	NO		_(REASON	Λ)		
SIGNED:	Li	=CM	le C	<u> </u>	DATE:		95	

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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:	APACHE CORPORATION	ON		_Telephone	505-325-0	318		
Address:	2855 Southside River R	oad, Suite A	, Farmingto	n, NM 8740	01			<u>.</u>
Facility or We	ell Name:	APACHE#	150 PIT	#2				
Location:	Unit or Qtr/Qtr Sec	F	SEC 3	T 24 N	R4W	_County	Rio Arriba	
Pit Type:	Separator:	_Dehydrator		_Other	DRIP PIT			
Land Type:	Jicarilla Tribal							
Pit Location:	Pit Dimensions:	Length	18'	_ Width	18'	Depth	n5'	
(Attach diagra	am) Reference:	Wellhead	XX	_Other				
	Footage from refer	ence:	125	,				
	Direction from refe		300	_Degrees		_East	North	Х
					XX	_West	f South ₋	
Depth To Gr	oundwater:		-	Less than	50 feet		(20 points)	
(vertical distance				50 feet to			(10 points)	
contaminants to	seasonal			Greater th	an 100 fee	t	(0 points)	0
high water elevati groundwater)	ion of							
Distance to	an Ephemeral Stream:			Less than	100 feet		(10 points)	
	nt dry wash greater than			Greater th	an 100 fee	t	(0 points)	0
ten feet in wi	dth							
Distance to	Nearest Lake, Playa, or '	Watering Po	nd:	Less than	100 feet		(10 points)	
i e	nt lakes, playas and	rrateinig PU	114.		nan 100 fee	t	(0 points)	0
,	wildlife watering ponds)						· · · · · · · · · · · · · · · · · · ·	
Wellhead Pr	otection Area:				Yes	\$	(20 points)	
	00 feet from a private				No		(0 points)	0
domestic wat	ter source, or less than m all other water sources	;)						
Distance To	Surface Water:			Less than	100 feet		(20 points)	
	listance to perennial				o 1000 feet		(10 points)	
lakes, ponds	, rivers, streams, creeks,			Greater th	nan 1000 fe	et	(0 points)	0
Irrigation can	nals and ditches)			RANKING	SCORE (TOTAL POI	NTS)	0

Date Remedi	iation Star	ted:	12/2/95		_Date Com	pleted:		12/14/95	
Remediation (Check all ap			Excavation	xxx	_Арргох. с	ubic yards		36	
sections)		Land	dfarmed	XX	_Insitu Bior	emediatio	n		
			Other						
Remediation			Onsite	XX	_Offsite				
(i.e. landfarm name and loo offsite facility	cation of				-				
General Des		Remedial Act		DEMEDIA				ID READING	S
		L PIT WITH C SOIL ON LOC						OCATION.	
Groundwate	r Encounte	ered:	No	X	_ Yes		Depth		
Final Pit: Closure Sam	ipling:	Sample locat	ion	5 point com	posite take	n from pit	sidewalls , a	nd pit bottom	center.
(in multiple s	amples,								
attach sample and diagram		Sample depti	h	5'					
locations and	depths)		,	40/44/05	-	0 1 - :	T :	4.55DM	
	Sample Dample re			12/14/95		_Sample [*]	ııme	1:55PM	
	Soil:	Benzene		(ppm)	ND	_Water:	Benzene	(ppb)	NA
		Total BTEX		(ppm)	ND	_	Toluene	(ppb)	NA
		Field Headsp	ace	(ppm)	33.22	_ E	thylbenzene	(ppb)	NA
		TPH		(ppm)	150	_ Т	otal Xylenes	(ppb)	NA
Groundwate	r Sample:		Yes		_ No	X	(If yes atta	ach sample re	esults)
		AT THE INFO	RMATION AE	BOVE IS TR	UE AND CO	MPLETE	TO THE BE	ST OF MY	
KNOWLEDG	E AND BEI	LIEF.							
DATE		10/1/98		PRINTED N	IAME		JEFF CRO	oss	
SIGNATURE	Je	floo	2	AND TITLE		Project I	Manager		
		E PIT CLOSUF				S APPRO	VED IN ACC	ORDANCE T	0
THE JICARIL	LA APACH	IE TRIBE PIT (CLOSURE O	RDINANCE					
APPROVED:	YES		NO.		_(REASON))			
	(^	6					
SIGNED:	Kir	CM	c (<u>(</u>	DATE:	1/-	13-98	<	

APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCATION: APACHE 150

PIT COUNT: 2

D.

SW CORNER

SE CORNER

5.6

10.6

16.6

48.7

RE-SAMPLE OR CELL(S) SAMPLE

JICARILLA APACHE TRIBAL EPO REVIEW AND APPROVAL

JDT

12/14/95

NID

EPO REPRESENTATIVE
DATE OF REVIEW: 12-

KCM 20-25

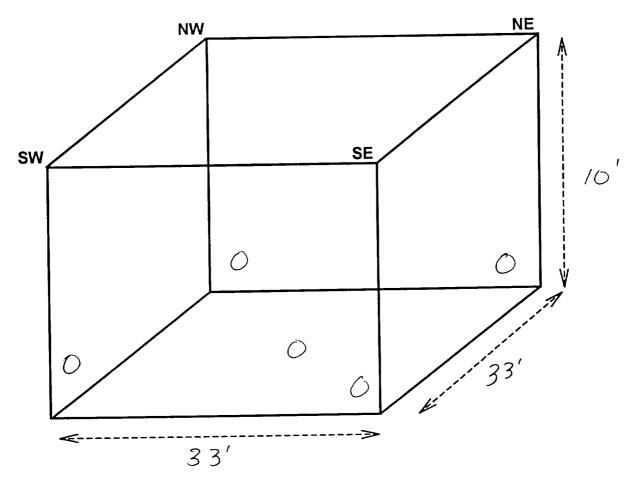
EXCAVATION DIMENSIONS START **FINISH** L CU.YDS. D D 10' 33' 33' 236.0 PIT 1 30' 30' 5° PIT 1 PIT 2 18' 2' 18' 5' 36.0 18' PIT 2 18' PIT 3 PIT 3 DATE:12/02/95 PIT1@10' PIT2@05' PIT3@ DATE: PIT1@ PIT2@ PIT3@ CENTER **CENTER** 135.0 905.0 P. NW CORNER 96.5 621.0 P. NW CORNER NE CORNER 117.0 1023.0 I. NE CORNER I. 96.5 D. SW CORNER D. SW CORNER 927.0 SE CORNER SE CORNER 87.7 851.0 NOTES: 12/02/95 -PIT 1 - Staining to 9'. Hit sandstone @ 10' PIT 2 - No staining, strong odor to 4'. Hit sandstone @ 5'. SOIL SAMPLING DATE:12/02/95 PIT1@10' PIT2@05' PIT3@ **ANALYSIS RESULTS** PER LAB: **ASSAIGAI BETEX** WITNESS DATE **CENTER** 135.0 PIT TPH 905.0 P. NW CORNER 96.5 621.0 NO. IF&S 12/02/95 NE CORNER 117.0 1023.0 1 2,600 6,61 I. 980 2 IF&S 12/02/95 SW CORNER 96.5 927.0 188 SE CORNER 87.7 851.0 3 RE-SAMPLE OR CELL(S) SAMPLE ANALYSIS RESULTS PER LAB: DATE: 12/14/95 PIT1@10' PIT2@05' PIT3@ ASSAIGAI WITNESS PIT TPH **BETEX** DATE **CENTER** 22.2 36.3 NW CORNER 9.9 30.3 NO. JDT 12/14/95 NE CORNER 17.6 34.2 1 1600

				,					
DAT	E:	PIT 1	PIT 2	PIT 3	ANAL	YSIS RESU	JLTS	PER LAB:	
	CENTER				PIT	TPH	BETEX	WITNESS	DATE
P.	NW CORNER				NO.				
I.	NE CORNER				1				
D.	SW CORNER				2				
	SE CORNER				3				

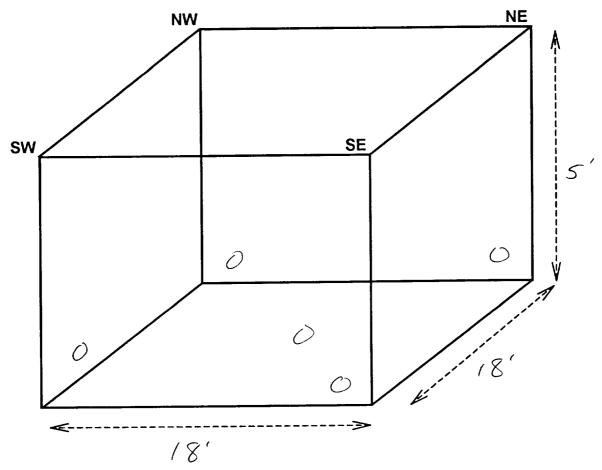
2

3

L50



			= SAMPLE AREA
WELL NAM	ИΕ	APACHE # 150 PIT # 1	
SAMPLE D	ATE	12/14/95	
NOTES	-	NT COMPOSITE SAMPLE TAKEN 8" TO 10" WALL,AND PIT BOTTOM CENTER.	INTO PIT
	<u> </u>		



			= SAMPLE AREA
WELL NAN	ΛE	APACHE#150 PIT#2	
SAMPLE D	ATE	12/14/95	
NOTES	5 POIN	T COMPOSITE SAMPLE TAKEN 8" TO 10	" INTO PIT
	SIDEV	VALL,AND PIT BOTTOM CENTER.	
·			
'			



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:

January 9, 1996 14:20

CERTIFICATE OF ANALYSIS RESULTS BY SAMPLE

SENT APACHE CORPORATION

TO: 304 N. BEHREND

FARMINGTON, NM 87401

ATTN: JOHN TAYLOR

WORKORDER #

WORK ID

: 9512195

: PIT REMEDIATION-95017

CLIENT CODE

: APA01

DATE RECEIVED : 12/18/95

Page: 1

Lab ID: 9512195-01A

Sample ID: AP #143-H

Collected: 12/14/95 13:30:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A Benzene Toluene Ethylbenzene P-&m-Xylene O-Xylene	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
	ND	mg/Kg	0.0010	50	12/27/95	SBTXME097
	0.16	mg/Kg	0.0010	50	12/27/95	SBTXME097
	0.55	mg/Kg	0.0010	50	12/27/95	SBTXME097
	0.41	mg/Kg	0.0010	50	12/27/95	SBTXME097

Lab ID: 9512195-01B

Sample ID: AP #143-H

Collected: 12/14/95 13:30:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel HCs DSL XT/CAL DHS 8015M	5700 12/21/95	mg/Kg N/A	5.0	500	01/05/96	SLFTD57

Lab ID: 9512195-02A

Sample ID: AP #150-H P++1

Collected: 12/14/95 14:05:00

Matrix: SOIL

- 1						
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A Benzene Toluene Ethylbenzene P-&m-Xylene O-Xylene	ND ND ND ND ND	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0.0010 0.0010 0.0010 0.0010 0.0010	50 50 50 50 50	12/27/95 12/27/95 12/27/95 12/27/95 12/27/95	SBTXME097 SBTXME097 SBTXME097 SBTXME097 SBTXME097



ID: 9512195-02B Sample ID: AP #150-H و+#1		Collected: Matrix: SO		5 14:	:05:00	
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel HCs DSL XT/CAL DHS 8015M	1600 12/21/95	mg/Kg N/A	5.0	50	01/05/96	SLFTD57
Lab ID: 9512195-03A Sample ID: AP #143-C		Collected: Matrix: SC	•	5 13	:40:00	
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A Benzene Toluene Ethylbenzene P-&m-Xylene O-Xylene	ND ND ND ND	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0.0010 0.0010 0.0010 0.0010 0.0010	50 50 50 50 50	12/27/95 12/27/95 12/27/95 12/27/95 12/27/95	SBTXME097 SBTXME097 SBTXME097 SBTXME097 SBTXME097
Lab ID: 9512195-03B Sample ID: AP #143-C		Collected: Matrix: SO		95 13	:40:00	
_ST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel HCs DSL XT/CAL DHS 8015M	130 12/21/95	mg/Kg N/A	5.0	5.0	01/05/96	SLFTD57
Lab ID: 9512195-04A Sample ID: AP #150-C P++2		Collected: Matrix: So		95 13 -	:55:00	
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A Benzene Toluene Ethylbenzene P-&m-Xylene O-Xylene	ND ND ND ND ND	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0.0010 0.0010 0.0010 0.0010 0.0010	50 50 50 50 50	12/27/95 12/27/95 12/27/95 12/27/95 12/27/95	SBTXME097 SBTXME097 SBTXME097 SBTXME097 SBTXME097
Lab ID: 9512195-04B Sample ID: AP #150-C ρι+#2		Collected: Matrix: S		95 13	3:55:00	
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HUS DIESEL/CAL DHS 8015M Diesel HUS DSL XT/CAL DHS 8015M	150 12/21/95	mg/Kg N/A	5.0	5.0	01/05/96	SLFTD57

Chain of Custc 'y Record

Page

Project Manager / Contact John In 4 106

ADACKS

Client _

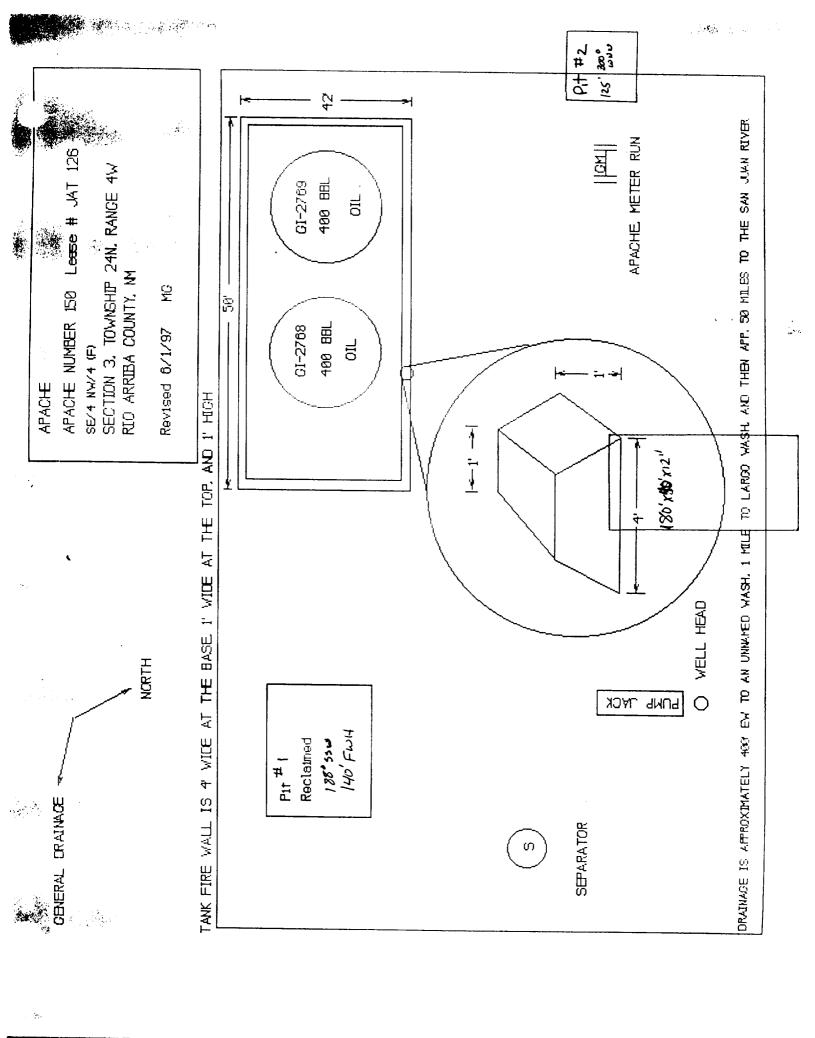
1910 N. BIG SPRING MIDLAND, TEXAS 79705 (915) 570-1116

7300 JEFFEHSON, N.E.
ALBUQUERQUE, NEW MEXICO 8710^c
(505) 345-8964

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

MELQUIADES ALANIS 6411 LOCAL UNO CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

Address 204 N. Beheend	Re N.J.		Telephone No. $\langle 5C5 \rangle$	- 325-031B		Analysis Required
City / State / Zip / 7/2 / 10 / 10 / 10 / 10 / 10 / 10 / 10 /	SON	8740	Fax No. (5/5) 32 5	. 0325		
Project Name / Number / Conscience	J. Alas	15017	Samplers: (Signature) —		Stories	Remarks
Contract / Purchase Order / Quote	1				No. of com	
FRACTION Sample Number / Location	tion Date	Time	Sample Type / Size of Container	Iner Preservation Temp. Chemical	1/8/3/	
9 F	12/14	/. 3c	Seil 402 6/105			
B 11/2 H		οξ:/				
17-751-11 100A AP "135-11		50.3	, /			
		50.7				
03A 11P = 143 - C		01:/				
		2/1:/				
		7.55				
		1:55				
05A Ar #109		2:25				
B AP#107		2.25				
		2.40	8			
	•	2:10)	ر		
inquished by:	Date 1/4/5		The Colonial States	Relinquished by:	Date/2	Signature (1)
1900 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,	Drinted C	Will S. Orland	Printed E/V/V	March	
	Time		4AL	Company MC	Time	Company HHC
- sason - 76:4:24	16.41	Reason 7	test. m	Resson Fritz		
)	5	After a	After analysis, samples are to be:
tethod of Shipment:		Comments:				Disposed of (additional fee)
hipment No.						Stored (30 days max)
pecial instructions:						Stored over 30 days (additional fee)
						Returned to customer



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>APACH</u>	E CORPORATION		Telephone	505-325-0318
Address:	2855 SOUTHSI	DE RIVER ROAD	SUITE A/ FARMING	TON N.M. 87401-7947
Facility or Well Name	:APA	CHE # 150		
Location: Unit or	Qtr/Qtr Sec	F SEC 3	T 24 N R 4 W	County RIO ARRIBA
Land Type	JIC. TRIBAL			
Date Remediation Sta	arted: 12	/2/95	Date Completed:	8/17/98
Remediation Method:	Landfarmed	XXX	Approx. cubic yards	272
	Composted		-	
	Other	REMEDIA	TED SOIL TO BE SP	READ ON LOCATION.
Depth to Groundwate	r:	(pts) 0	Final Clo	osure Sampling
Distance to an Ephen	neral Stream:	(pts) 0	Sampling Date:	8/17/98 Time: 11:50AM
Distance to Nearest L or Watering Pond:	ake, Playa,	(pts)0	Sample Results:	0
Wellhead Protection	Area:	(pts)0	Field Headspace (ppm) TPH (ppn	0 n)NDMethod <u>M8015_</u>
Distance To Surface	Water:	(pts)0		SW846 , 8020A (ND)
RANKING SCORE (1	TOTAL POINTS)	0	Outor <u>BTEX 15</u>	, , , , , , , , , , , , , , , , , , , ,
I HEREBY CERTIFY KNOWLEDGE AND I		MATION ABOVE	IS TRUE AND COMP	PLETE TO THE BEST OF MY
DATE:	10/1/98	PRINTED	NAME	JEFF CROSS
SIGNATURE	Jeff los	TITLE	PROJEC	T MANAGER
AFTER REVIEW OF ACCORDANCE TO 1				MEDIATION IS APPROVED IN NCE.
APPROVED: Y	ES_X	NO	_(REASON)	
SIGNED:	- Ma	DATE:	11-13-9	98

APACHE COPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

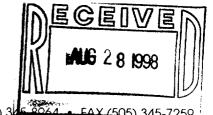
From excavation reports.

= SAMPLE AREA ALL SAMPLES TAKEN 10" TO 12" INTO CELL. 16 point composite Stuple Apache #150 8-17-58 SAMPLE DATE: WELL NAME: DIMENSIONS: NOTES:

10 TA



ASSAIGAI ANALYTICAL LABORATORIES, INC.



7300 Jefferson, NE • Albuquerque, New Mexico 87109 • (505) 3

3332 Wedgewood, E-5 • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820 127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

APACHE CORPORATION attn: JEFF CROSS 2855 SOUTHSIDE RIVER RD STE A **FARMINGTON, NM 87401-7947**

	* explanation of codes
В	analyte detected in Method Blank
E	result is estimated
Н	analyzed out of hold time
N	tentatively identified compound
S	subcontracted
1-9	see footnote

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client:

APACHE CORPORATION

Project: 9808180

JICARILLA PIT CLOSURES

uluage on

Client Sample ID	APACH	E #150	CELL		mple SOIL	- -			Sample Collected	08/17/98 11:50:00
						Dilution	Detection	1		Run
Fraction	QC Group	CAS#		Result	<u>Units</u>	Factor	<u>Limit</u>	*	Sequence	<u>Date</u>
			Test: SW846 8015A/8020A GRO /	Purgeable Arom	atics					
9808180-01A	X98392	71-43-2	Benzene	ND	mg / Kg	50	0.005		XG.1998.704-5	08/20/98
	X98392	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005		XG.1998.704-5	
	X98392	95-47-6	o-Xylene	ND	mg / Kg	50	0.005		XG.1998.704-5	
	X98392		p/m Xylenes	ND	mg / Kg	50	0.01		XG.1998,704-5	
	X98392	108-88-3	Toluene	ND	mg / Kg	50	0.005		XG.1998.704-5	
			Test: SW846 8015A Diesel Range	Organics by GC	/FID					
9808180-01B	X98389	- :	Diesel Range Organics	ND ND	mg / Kg	25	25		XG.1998.699-5	08/21/98

*** Sample specific analytical Detection Limit is determined by multiplying the sample Dilution Factor by the listed method Detection Limit. *** *** Results relate only to the items tested. ***



Page 1 of 1



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Chain of Custody Record 0818

| D.

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ALBUQUEHOUE, NEW MEXICO 87109 (505) 345-8964

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

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

Stored over 30 days (additional fee)	□ sto							nstructionat	.2
Stored (30 days max)	Stor							T. P.	
Disposed of (additional fee)	<u>.</u> כ							F	
After analysis, samples are to be:	After analysis, sa				i.	Comments:		of Shipment	
Company CX 131622 SAM	(745	HUALYSU	Reason H	RAX	Del (NON)	Company -	[015	Apains	
	Time division	Printed Win. P. BINDY	Printed (2)	O DIAVA	5			175 pt Carso	
Received by:	Date	m. P. Diesir	Relinquished by:	Dan. P. Hair		Received by:	10/9/9	aned by	
									1
				-					
		ICE 1 K		Hoz Glass	30 Soil	8-17-8 11:30 501	Apache #150 Cell	18 Ap.	
		Ice IX		Hoz glass	700 05	8-17-98 11:50 521	Apache #150 cell	_	
	/	/8	Pre-	Type / Size of Container	Time Sample Type	Data	Field Sample Number / Location	-	10.2
	\ \ \	/ No. 01/20		-					÷
/ / Remarks	<24 	Cont	0				rder / Quote	tract / Purchase Order / Quote	
	X 8	Jan.	Jeff Con	lers: (Signature)	ES Samp	T CLOSU	ject Name / Number JICARILLA PIT CLOSURES Samplers: (Signature) Leff Com	ect Name / Numb	_
	252		4-6624	Fax No. (505) 774-6624	•	7401-79	//State/ZipEarmington, NM 87401-7947	r≓State / ZīpĒā⊥	u_
Analysus Required:			774-6643	Telephone No. (505) 774-6643	1	12d. STE.	iress 2855 South Sige River News. STE. A	tress 2855	
MELQUIADES ALANIS 6-11 LOCAL UNO . CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320	CIUDAD	93	Project Manager / Contact_Jeff-Cross	ct Mänager / Conta	ı		*nt_\apache_Corporation	nt lpache	

Returned to customer