State of New Mexico Energy, Minerals and Natural Resources Department

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

Oil Conservation Division 2040 S. PACHECO Santa Fe, New Mexico 87505

Operator: Apache Corporation Telephon 505-325-0318 MOV 2000 Address: 2855 Southside River Road, Suite A. Farmington, NM 87401 Facility or Woll Name: JAT 390 #3 Location: Unit or Qtr/Qtr Sec NE/NE Sec 24 T 23N R 4W County SANDOVAL: Pit Type: Separator: Dehydrator Other BLOW PIT Land Type: JIC. TRIBAL Beginning Pit Dimensions: Length 35' Width 35' Depth 5' D	<u> </u>	<u>PIT</u>	REMEDIAT	TON AND C	LOSURE RI	EPORT							
Address: 2855 Southside River Road, Suite A, Farmington, NM 87401 Facility or Well Name: JAT 390 #3 Location: Unit or Qtr/Qtr Sec NE/NE Sec 24 T 23N R 4W County SANDOVAL Pit Type: Separator: Dehydrator Other BLOW PIT Land Type: JIC, TRIBAL Beginning Pit Dimensions: Length 35 Width 35 Depth 5 Dept	Operator:	Apache Corporation			Telephon	505-325-	0318	1: \					
Location: Unit or Qtr/Qtr Sec NE/NE Sec 24 T 23N R 4W County SANDOVAL Pit Type: Separator: Dehydrator Other BLOW PIT Dehydrator	Address:	2855 Southside Rive	er Road, Suit	e A, Farmin	gton, NM 87	401		1.5		े			
Pit Type: Separator:	Facility or We	ell Name: JAT 390	#3							्रा			
Beginning Pit Dimensions: Length 35' Width 35' Depth 5' D	Location:	Unit or Qtr/Qtr Sec	NE/NE	Sec 24	T 23N	R 4W	County	SANDO	ALEL ZIND) J			
Beginning Pit Dimensions: Length 35' Width 35' Depth 5' D	Pit Type:	Separator:	Dehydrato	r	Other	BLOW P	- IT						
Pit Location: Ending Pit Dimensions: Length 35' Width 35' Depth 5' Reference: Wellhead XXX Other Footage from reference: 150' Direction from reference: 260 Degrees East North of X West South Depth To Groundwater: Less than 50 feet (20 points) (vertical distance from 50 feet to 99 feet (10 points) (0 points) (1 poi	Land Type:	JIC. TRIBAL											
Footage from reference: 150' Direction from reference: 260 Degrees East North of X West South Depth To Groundwater: Less than 50 feet (20 points) (vertical distance from 50 feet to 99 feet (10 points) 0 (10 poi		Ending Pit Dimens		_		_							
Direction from reference: 260 Degrees East North of X West South Depth To Groundwater: Less than 50 feet (20 points) (vertical distance from 50 feet to 99 feet (10 points) contaminants to seasonal high water elevation of groundwater) Distance to an Ephemeral Stream: Less than 100 feet (10 points) 0 (10 points) 0 (10 points) 1 (10 poin		Reference:	Wellhead	XXX	Other				_				
Depth To Groundwater: (vertical distance from 50 feet to 99 feet (10 points) contaminants to seasonal high water elevation of groundwater) Distance to an Ephemeral Stream: (Downgradient dry wash greater than Greater than 100 feet (0 points) 0 ten feet in width Distance to Nearest Lake, Playa, or Watering Pond: (Downgradient lakes, playas and livestock or wildlife watering ponds) Wellhead Protection Area: (Less than 100 feet (10 points) 0 ten feet from a private domestic water source, or less than 100 feet (10 points) 0 ten feet from all other water sources) Distance To Surface Water: (Less than 100 feet (20 points) 10 ten feet from all other water sources) Distance To Surface Water: (Horizontal distance to perennial 100 feet (10 points) 10 ten feet (10 points		Footage from re	eference:	150'		_							
Depth To Groundwater:		Direction from r	eference:	260	Degrees			North					
(vertical distance from 50 feet to 99 feet (10 points) contaminants to seasonal high water elevation of groundwater) Distance to an Ephemeral Stream: Less than 100 feet (10 points) 0 contaminants to seasonal high water elevation of groundwater) Distance to an Ephemeral Stream: Less than 100 feet (10 points) 0 contaminants dry wash greater than Greater than 100 feet (10 points) 0 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 100 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash greater than 10 feet (10 points) 10 contaminants dry wash						X		South					
contaminants to seasonal high water elevation of groundwater) Distance to an Ephemeral Stream: (Downgradient dry wash greater than ten feet in width Distance to Nearest Lake, Playa, or Watering Pond: (Downgradient lakes, playas and livestock or wildlife watering ponds) Wellhead Protection Area: (Less than 100 feet Yes (20 points) (10 points) (10 points) Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources) Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Depth To Gr	oundwater:			Less than	50 feet		(20 points	s)				
high water elevation of groundwater) Distance to an Ephemeral Stream: (Downgradient dry wash greater than Greater than 100 feet (0 points) 0 ten feet in width Distance to Nearest Lake, Playa, or Watering Pond: (Downgradient lakes, playas and Greater than 100 feet (0 points) 0 livestock or wildlife watering ponds) Wellhead Protection Area: (Less than 200 feet from a private No (0 points) 0 domestic water source, or less than 1000 feet from all other water sources) Distance To Surface Water: (Horizontal distance to perennial 100 feet to 1000 feet (10 points) 10 lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 10 lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	•						.4						
(Downgradient dry wash greater than ten feet in width Distance to Nearest Lake, Playa, or Watering Pond: (Downgradient lakes, playas and livestock or wildlife watering ponds) Wellhead Protection Area: (Less than 100 feet logo points) (Less than 200 feet from a private logo feet from all other water sources) Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches) Greater than 100 feet logo feet (10 points) Wellhead Protection Area: Yes (20 points) (0 points) Ves (20 points) (10 points) (10 points) (10 points) (10 points) (10 points)	high water eleva				Greater ti	iaii 100 lee	;t	(o points)	<u> </u>				
(Downgradient lakes, playas and livestock or wildlife watering ponds) Wellhead Protection Area: (Less than 200 feet from a private not private not possible from all other water sources) Distance To Surface Water: (Horizontal distance to perennial not feet not possible for the following points) not possible for the first not possible for the	(Downgradie	nt dry wash greater the					et .						
(Less than 200 feet from a private No (0 points) 0 domestic water source, or less than 1000 feet from all other water sources) Distance To Surface Water: (Horizontal distance to perennial 100 feet to 1000 feet (10 points) 100 feet to 1000 feet (10 points) 100 feet to 1000 feet (10 points) 100 feet (1	Distance to Nearest Lake, Playa, or Watering Pond: (Downgradient lakes, playas and						et		· ———				
(Horizontal distance to perennial 100 feet to 1000 feet (10 points) lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0 irrigation canals and ditches)	(Less than 20 domestic wat	00 feet from a private ter source, or less than						·					
	Distance To Surface Water: (Horizontal distance to perennial akes, ponds, rivers, streams, creeks,				100 feet to	o 1000 fee	-	(10 points	5)				
	ппуацоп сап	ais and ditches)			RANKING	SCORE (TOTAL POI	NTS)	0				

Date Remediation Starte	ed: 11/18/1999	Dat	e Completed:	09/18/2000)			
Remediation Method:	Excavation	Apr	prox. cubic yards	s				
(Check all appropriate sections)	Landfarmed	Insi	tu Bioremediatio	on				
	Other	Core sample 4' t	pelow pit bottom	center, comp	osite core	sample		
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)	Onsite	4' below pit botto XX Offs						
General Description of F	Remedial Action:	NONE REQUIRE	ED, CONTAMIN	NATION BELC	W CLOSU	RE LIMITS		
9/18/00 BA	ACKFILLED AND RESE	EDED				·		
Groundwater Encounter	red: No	XXX Yes		Depth		_		
Closure Sampling: (in multiple samples,	Sample location	Core sample 4' b	pelow pit bottom	center, 4 poir	nts compos	ite sample		
	Sample depth	CORE SAMPLE	4' BELOW PIT	воттом.				
locations and depths) Sample Dat Sample resi		11/18/1999	Sample	Time	9:30AM,	9:45AM		
	Benzene	(ppm) ND/		Benzene	(ppb)	NA		
-	Total BTEX	(ppm) ND/	ND	Toluene	(ppb)	NA		
F	Field Headspace	(ppm) 6.25	5/70 E	thylbenzene	(ppb)	NA		
7	TPH	(ppm) <u>970</u>	/ND T	otal Xylenes	(ppb)	NA		
Groundwater Sample:	Yes	No	XXX	(If yes attac	ch sample r	results)		
I HEREBY CERTIFY THA KNOWLEDGE AND BELI	T THE INFORMATION	ABOVE IS TRU	E AND COMPL	ETE TO THE	BEST OF I	MY		
DATE <u>11-2</u>	2-00	PRINTED NAME	<u> </u>	Jeff Cross				
SIGNATURE	1-00 16 lwn	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:	APACHE CORPORA	TION		Telephone	505-32	25-0318		
Address:	2855 SOUTH SIDE R	RIVER ROAD	FARMIN	IGTON N.I	M. 87401			
Facility or We	ell Name:	JAT 390#	3					
Location:	Unit or Qtr/Qtr Sec	NE/NE	SEC 24	T 23N	R 4W	County	SANDOVAL	-
Pit Type:	Separator:	_Dehydratoi		Other	BLOW PIT	•		
Land Type:	JIC. TRIB	AL						
Pit Location: (Attach diagra	Pit Dimensions: am) Reference:	Length Wellhead	35' XXX	Width	35'	Depth	5'	
	Footage from re		150' 260°	Degrees	X	East of West	North _ South _	
Depth To Green (vertical distance contaminants to shigh water elevation groundwater)	from easonal			Less than 5 50 feet to 5 Greater tha			(20 points) (10 points) (0 points)	0
	an Ephemeral Stream It dry wash greater tha Ith			Less than f	100 feet an 100 feet		(10 points) _ (0 points) _	0
(Downgradier	Nearest Lake, Playa, of lakes, playas and official ponds)	_	Pond:	Less than f Greater tha			(10 points) _ (0 points) _	0
(Less than 20 domestic water	otection Area: 0 feet from a private er source, or less than n all other water sourc				Yes No		(20 points) _ (0 points) _	0
(Horizontal di lakes, ponds,	Surface Water: stance to perennial rivers, streams, creek als and ditches)	s,			1000 feet an 1000 fee		(20 points) _ (10 points) _ (0 points) _	0
lakes, ponds,	rivers, streams, creek	s,		Greater tha			١	(0 points)

Date Remedi	iation Star	ted: <u>11/</u>	18/99	Date Comple	ted: <u>9</u> -	18-00						
Remediation		Excava	ation	Approx. cubic	yards							
(Check all ap sections)	propriate	Landfar	med	Insitu Biorem	ediation							
		Othe	4' below	pit bottom come	bottom center,com	posite core	sample					
Remediation (i.e. landfarm		C	Onsite XX	Offsite		-						
name and loc offsite facility	ation of					······································						
General Des	cription of	Remedial Action	n:. <u>9-18</u> -	UD BACKF.	Il and Reser	es pit						
	NONE	Required	P.+ TO BE	BACKRILLE	d and Reser	eded.						
Croundwata	CONTAR	i Nation Below	w closure l	limits	Dont	-						
Groundwate	r Encounte	erea:	No xxx	_ Yes_	Depti	<u> </u>	•					
Final Pit: Sample location core sample 4' below pit bottom center,4point composite sample Sampling: of pit bottom corners.												
attach sample and diagram locations and	of sample	Sample depth	CORE S	CORE SAMPLE 4' BELOW PIT BOTTOM.								
iocations and	Sample Da		11/18/9	9Sa	ample Ti <u>me; 9</u>	:30AM,9:45A	AM					
	Sample le	SuitS	COI	mers/center								
	Soil:	Benzene	(ppm)	NO/ND M	ater: Benzene	(ppb)	NA					
:		Total BTEX	(ppm)	ND/ND	Toluene	(ppb)	NA					
		Field Headspace	e (ppm)	6.25/70	Ethylbenzene	(ppb)	NA NA					
		TPH	(ppm)	970/ND	Total Xylenes	(ppb)	NA					
Groundwate	r Sample:		Yes	No	XXX (If yes att	ach sample i	results)					
I HEREBY CI KNOWLEDG			MATION ABOV	E IS TRUE AND	COMPLETE TO	THE BEST (OF MY					
			PRINTE	NAME	JEFF CR	oss						
SIGNATURE AND TITLE PROJECT MANAGER												
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.												
APPROVED:	YES	<u> </u>	NO	_(REASON)_								
	1)	<i>∕</i> ~~~	\bigcirc		^	- 3						
SIGNED:	40	el III	2	_DATE:	11-9-	00						

Pit Impact Rating Sheet

Well Name:	JAT 39					_	
Well Location:		SEC 24 T	23 N R	4 W		_	
Number of Pits at L			.				
Pit Number and Us Estimated Elevation		BLOW PI	<u> </u>	_			
Estimated Groundy			-				
Vulnerable Area: Y		NO XX		_			
	/ES	NO XX	-				
- % Wate	r: 0		_				
% Oil: ¯	0	_					
Visual Soil Contam		-					
	Contamination/Satur						
	eated Contamination				ND	-	
	water Contaminatior for Suspicion:	I. NO	XX	YES _		-	
reason	Tor Ouspicion.					=	
						-	
RATING:						-	
IVATINO.							
Depth to Groundwa	ter:		Wellhead	Protection Are			
< 50'	20			< 1000' from			
50' - 99' > 100'				<200' from a	domestic		20
Rating	0	_				Yes No	20 0
ramg	,					Rating	 0
							_
Distance to Surface			Distance t	o Ephermeral		10 feet wid	th
	orizontal feet	20		< 100' horizo		Yes	10
	000' horizontal feet	10		> 100' horizo	ontal feet	No Detices	0
> 1000	horizontal feet Rating	0	-			Rating	0
	rtating	J	Distance t	o Lake, Playa	or Water	ing Pond	
				< 100' horizo		Yes	10
				> 100' horizo	ntal feet	No	0
						Rating	0
FINAL SOIL RE	MEDIATION STA	ANDARDS	<u>3:</u>		Tota	l Rating	0
TPH: 5000	ppm						
Benzene: 10	ppm						
BTEX: 50	ppm						
1/11/01/1/11 11/11/11/11/11	_						
KNOWN ANALYSIS	<u>3:</u>						
Soil: T	PH: 970 ppm	Benzene:	AN	ppm	BTEX:	ND	nnm
	PH: NA ppm	Benzene:	NA NA	_ppm	BTEX:	NA NA	ppm ppm
	<u> </u>	D 0.11201101		_PP	512,	100	PPIII
PROBABLE SOIL F	REMEDIATION TEC	HNIQUE:					
Bioremediation: C	On-Site						
Composting:							i
Disposal: F	acility Name						
Thermal Desorption	i:					 .	
Soil Venting:				 			•
Other:							•

PACHE CORPORATION/FARMINGTON DISTRICT P EXCAVATION AND CLOSURE REPORT

JAT 390 # 3

LOCATION

	OUNT	1	-						
	START				FINISH			7	
DIMEN									
54	L	W	D			LL	W	D	CU YDS
Pit 1	35'	35'	5'	Pit 1				ļ	ļ
Pit 2			<u> </u>	Pit 2					
Pit 3 DATE:	l	Dit 4 . O. O.	D'' 0 0	Pit 3	D.4	<u> </u>	074.0	D'4 0 0	D'' 0 0
DATE.	Contac	Pit 1 @ 9'	Pit 2 @	Pit 3 @	Date:	10 (Pit 1 @	Pit 2 @	Pit 3 @
P	Center NW Corner	70 ND		-		Center		+	
	NE Corner	ND 25	-	· · · · · · · · · · · · · · · · · · ·	P	NW Corner	1	-	
b	SW Corner	25				NE Corner			
-	SE Corner	ND ND	<u> </u>		D	SW Corner SE Corner	_		
NOTE	·		DI C CTAININ	C IN DIT DOT	OM CEN	9	CORNER (VI	I CUT)	<u>i</u>
NOTE			SAGEBRUSH	G IN PIT BOT	OM CEN	TER AND NE.	CORNER,(VE	ERY LIGHT)	
				1. 4' BELOW PIT	POTTON	A CENTED D	D DEADIND 7	ADDM SOME	/ICIADI E
		ND LIGHT OF		4 BELOW PIT	BOTTON	CENTER, P	ID READIND I	OPPIN.SOME	VISIABLE
— —				ORE SAMPLE	4' BELO	W DIT BOTTO	M CORNER	2	
				CORNERS ND				J.	
_				SPPM WITH LIC				.=	
	TIE KE KENT	S CITILE COL	WER WAS 25	7 1 W VIII LIC		IVIIVO AIVO EIV	SITI ODOIN.		
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	*								
								· · · · · · · · · · · · · · · · · · ·	
	DATE	11/18/99		SOIL SAMPI	ING				
	DATE		Pit 2 @	SOIL SAMPL		SIS RESULTS		PER LAB	Assaigai
	DATE Center	11/18/99 Pit 1 @ 9' 70	Pit 2 @	SOIL SAMPI	ANALYS	SIS RESULTS	ВЕТЕХ	_	Assaigai DATE
P	,	Pit 1 @ 9'	Pit 2 @			SIS RESULTS TPH SIDE\BTM	BETEX SIDE\BTM	PER LAB WITNESS	Assaigai DATE
P	Center NW Corner	Pit 1 @ 9' 70 ND	Pit 2 @		ANALYS PIT	TPH SIDE\BTM	SIDE\BTM	WITNESS	DATE
	Center NW Corner NE Corner	Pit 1 @ 9' 70 ND 25	Pit 2 @		ANALYS PIT NO 1	TPH		_	, , , , , , , , , , , , , , , , , , ,
	Center NW Corner	Pit 1 @ 9' 70 ND	Pit 2 @		ANALYS PIT NO	TPH SIDE\BTM	SIDE\BTM	WITNESS	DATE
	Center NW Corner NE Corner SW Corner	Pit 1 @ 9' 70 ND 25 ND	Pit 2 @		ANALYS PIT NO 1 2	TPH SIDE\BTM	SIDE\BTM	WITNESS	DATE
	Center NW Corner NE Corner SW Corner	Pit 1 @ 9' 70 ND 25 ND	Pit 2 @	Pit 3 @	PIT NO 1 2 3	TPH SIDE\BTM	SIDE\BTM	WITNESS	DATE
D	Center NW Corner NE Corner SW Corner	Pit 1 @ 9' 70 ND 25 ND ND		Pit 3 @ RE-SAMPLE	ANALYS PIT NO 1 2 3	TPH SIDE\BTM 970 /WD	SIDE\BTM NO/NO	J.C. PER LAB	11/18/99
D	Center NW Corner NE Corner SW Corner SE Corner	Pit 1 @ 9' 70 ND 25 ND ND		Pit 3 @ RE-SAMPLE	PIT NO 1 2 3	TPH SIDE\BTM 970 /ND	SIDE\BTM	J.C.	DATE
D D DATE:	Center NW Corner NE Corner SW Corner SE Corner	Pit 1 @ 9' 70 ND 25 ND ND		Pit 3 @ RE-SAMPLE	ANALYS PIT NO 1 2 3 ANALYS PIT NO	TPH SIDE\BTM 970 /ND SIS RESULTS TPH	SIDE\BTM NO/NO BETEX	J.C. PER LAB	11/18/99
D D DATE:	Center NW Corner NE Corner SW Corner SE Corner Center NW Corner	Pit 1 @ 9' 70 ND 25 ND ND		Pit 3 @ RE-SAMPLE	ANALYS PIT NO 1 2 3 ANALYS PIT	TPH SIDE\BTM 970 /ND SIS RESULTS TPH	SIDE\BTM NO/NO BETEX	J.C. PER LAB	11/18/99
I D DATE: P I	Center NW Corner SW Corner SE Corner Center NW Corner NW Corner	Pit 1 @ 9' 70 ND 25 ND ND		Pit 3 @ RE-SAMPLE	ANALYS PIT NO 1 2 3 ANALYS PIT NO 1	TPH SIDE\BTM 970 /ND SIS RESULTS TPH	SIDE\BTM NO/NO BETEX	J.C. PER LAB	11/18/99
I D DATE: P I	Center NW Corner SW Corner SE Corner Center NW Corner NE Corner SW Corner	Pit 1 @ 9' 70 ND 25 ND ND		Pit 3 @ RE-SAMPLE	ANALYS PIT NO 1 2 3 ANALYS PIT NO 1 2	TPH SIDE\BTM 970 /ND SIS RESULTS TPH	SIDE\BTM NO/NO BETEX	J.C. PER LAB	11/18/99
I D DATE: P I	Center NW Corner SW Corner SE Corner Center NW Corner NE Corner SW Corner	Pit 1 @ 9' 70 ND 25 ND ND		Pit 3 @ RE-SAMPLE Pit 3 @	ANALYS PIT NO 1 2 3 ANALYS PIT NO 1 2 3	TPH SIDE\BTM 970 /ND SIS RESULTS TPH	SIDE\BTM NO/NO BETEX	J.C. PER LAB	11/18/99
DATE:	Center NW Corner SW Corner SE Corner Center NW Corner NE Corner SW Corner	Pit 1 @ 9' 70 ND 25 ND ND Pit 1 @	Pit 2 @	Pit 3 @ RE-SAMPLE Pit 3 @ RE-SAMPLE	ANALYS PIT NO 1 2 3 ANALYS PIT NO 1 2 3	TPH SIDE\BTM 970 /ND SIS RESULTS TPH SIDE\BTM	BETEX SIDE\BTM	J.C. PER LAB WITNESS PER LAB	DATE 11/18/99 DATE
DATE:	Center NW Corner SW Corner SE Corner Center NW Corner NE Corner SW Corner SW Corner	Pit 1 @ 9' 70 ND 25 ND ND Pit 1 @	Pit 2 @	Pit 3 @ RE-SAMPLE Pit 3 @ RE-SAMPLE	ANALYS PIT NO 1 2 3 ANALYS PIT NO 1 2 3 ANALYS	TPH SIDE\BTM 970 /ND SIS RESULTS TPH SIDE\BTM SIS RESULTS TPH	SIDE\BTM NO/NO BETEX	J.C. PER LAB WITNESS	11/18/99
DATE:	Center NW Corner SW Corner SE Corner Center NW Corner NE Corner SW Corner SE Corner	Pit 1 @ 9' 70 ND 25 ND ND Pit 1 @	Pit 2 @	Pit 3 @ RE-SAMPLE Pit 3 @ RE-SAMPLE	ANALYS PIT NO 1 2 3 ANALYS PIT NO 1 2 3 ANALYS PIT	TPH SIDE\BTM 970 /ND SIS RESULTS TPH SIDE\BTM	BETEX SIDE\BTM	J.C. PER LAB WITNESS PER LAB	DATE 11/18/99 DATE
DATE: DATE: DATE: DATE:	Center NW Corner SW Corner SE Corner Center NW Corner NE Corner SW Corner SE Corner Corner Corner Corner Corner Corner Corner Corner Corner	Pit 1 @ 9' 70 ND 25 ND ND Pit 1 @	Pit 2 @	Pit 3 @ RE-SAMPLE Pit 3 @ RE-SAMPLE	ANALYS PIT NO 1 2 3 ANALYS PIT NO 1 2 3 ANALYS PIT NO NO	TPH SIDE\BTM 970 /ND SIS RESULTS TPH SIDE\BTM SIS RESULTS TPH	BETEX SIDE\BTM	J.C. PER LAB WITNESS PER LAB	DATE 11/18/99 DATE

JAT 390 #3 35' X 35' X 5' SANDOVAL, COUNTY N.M. NE/NE (A) SEC 24 T23N R4W BLOWPIT 150° FIBERGLASS PIT WELLHEAD DRAINAGE NORTH METER RUN



ASSAIGAI **ANALYTICAL** LABORATORIES, INC.

DEC - 6 1999

7300 Jefferson, NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood Dr., Suite N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820 127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) \$62-255

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

02-2	Explanation of codes
В	analyte detected in Method Blank
Е	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: 9911217 JIC. PIT REMEDIATION

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Client Sample ID	JAT 390#3 F	PIT SIDES		Sample SOIL Matrix	,			mple bllected	11/18/99 09:30:00
QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Run Date
9911217-01	Α	SW846 5030A	/8021B Purgeable VOCs by GC	/PID					
X99379	XG.1999.995-8	71-43-2	Benzene	ND	mg / Kg	1	0.005		14/04/00
X99379	XG.1999.995-8	100-41-4	Ethylbenzene	ND	mg / Kg	- 1		-	11/24/99
X99379	XG.1999,995-8	95-47-6	o-Xylene	ND	mg / Kg		0.005	1	11/24/99
X99379	XG.1999.995-8		p/m-Xylenes	ND	mg / Kg		0.005	1	11/24/99
X99379	XG.1999.995-8	108-88-3	Toluene	ND ND	<u>-</u>	1 1	0.01	1	11/24/99
9911217-01	A	SWA6 MEIDO			mg / Kg	11	0.005	1	11/24/99
X99385	XG.1999.1002-36	311040 ME/80	15A Diesel Range Organics by	GC/FID					
	AG. 1999. 1002-30	L	Diesel Range Organics	970	mg / Kg	1	25		12/01/99

Client Sample ID	JAT 390#3 F	PIT CENTE	R	Sample SO Matrix	IL			mple llected	11/18/99 09:45:00	
QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Run Date	
9911217-02	A.	SW846 5030A/	3021B Purgeable VOCs by (GC/PID						
X99379	XG.1999,995-9	71-43-2	Benzene	ND	mg / Kg	1	0.005		140400	
X99379	XG.1999.995-9	100-41-4	Ethylbenzene	ND		<u> </u>	0.005	1	11/24/99	
(99379	XG.1999,995-9	95-47-6			mg / Kg	1	0.005	1 1	11/24/99	
K99379		33-47-0	o-Xylene	ND	mg / Kg	1	0.005	1	11/24/99	
	XG.1999.995-9		p/m-Xylenes	ND	mg / Kg	1	0.01	1	11/24/99	
(99379	XG.1999.995-9	108-88-3	Toluene	ND	mg / Kg	1	0.005	1	11/24/99	

Page 1 of 2

Client Reports

2.0

Report Date

12/2/99 3:32:50 PM



Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: APACHE CORPORATION

Project: 9911217 JIC. PIT REMEDIATION

 9911217-02A
 SW846 ME/8015A
 Diesel Range Organics by GC/FID

 X99385
 XG.1999.1002-1
 Diesel Range Organics
 ND
 mg / Kg
 1
 25
 11/30/99

*** Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. ***

*** ND = Not detected: less than the sample specific Detection Limit. Results relate only to the items tested. ***

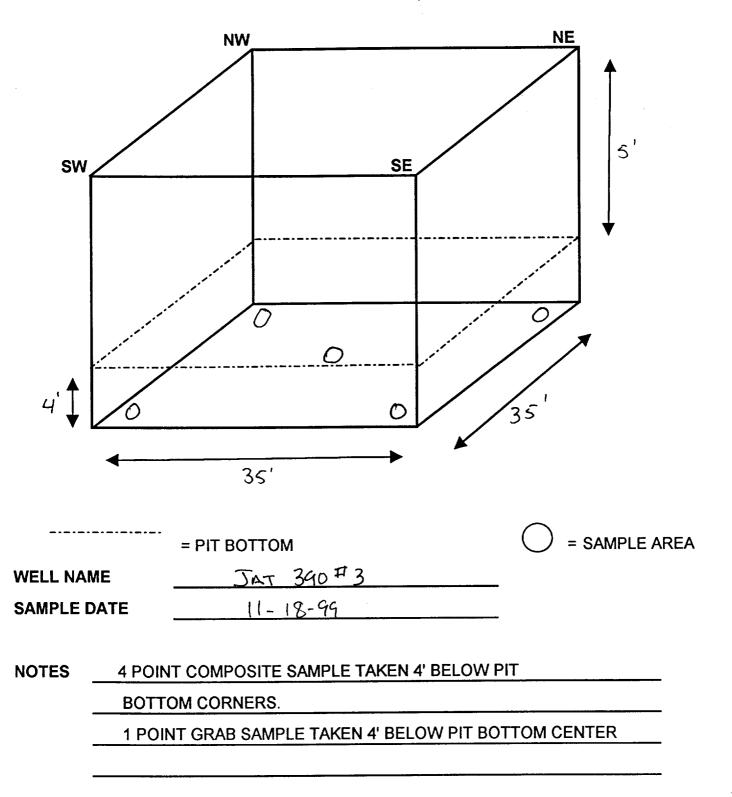
footnote

Sample was received in an improper container and with headspace.

memo

Please note that the cooler was received at a temperature greater than 4 degrees C.

 Page 2 of 2
 Client Reports
 2.0
 Report Date
 12/2/99 3:32:50 PM



LABORATORIES, INC.

ASSAIGAI APA CI Chain of Custody Record ANALYTICAL

Project Manager / Contact JEKE (12055

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

7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

127 EASTGATE DRIVE, 212-C LOS ALAMOS, NEW MEXICO 87544 (505) 662-2558

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					Westward Control of the Control of t	A STATE OF THE STA	Apple Appl	Her over 1 believes the constant	19 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			Section 2. Control of the section of			TO SERVICE OF THE PROPERTY OF	Control of the second of the s	Date Received by:) –		13,50 Reason Analysis	After analysis, samples are to be:	Gisposed of (additional fee)	Stored (30 days max)	Stored over 30 days (additional feet)	Returned to customer
1.505 325 0318 /1/1/1	6.505-375-0378	My lws	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Size of Container Preservation	5/455	1/455											Relinquished by:	Printed Drinted	Compeny	Reason					
576.4 Telephone No.	74/9 Fax No.	Samplers: (Signature)		Date: Time Sample 1ype/Si	4.30 5.1 403	9.45 50.1 160				4							V. V. O.	Signature Contract	Company	Reason		Comments:			24.2
Address 27855 50 / 500 6 200 R.	City / State / Zip FARM OLL / W. 14	Enlect Name (Number T. P. 1 Roy C. L. 4.	Contract/Purchase Order/Quote JAT 390节3	Told / / Location	TAT 22,2# 2 0, + 4.1, 24 1/1/9.59	TAT 25005 01+	Center				のでは、「一般では、「一般では、「一般では、「一般では、」では、「一般では、「一般では、「一般では、「一般では、「一般では、」では、「一般では、」」」 「「」」」」 「「」」」」 「「」」 「「」」」 「「」」」 「「」 「「」」 「「」 「「」」 「「」 「「」」 「「」			1000年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の	1 0/19			100 TOCK 105	Apocho Coro			2	hipment No.		

COURIER