Aztec, NM 874725 (5 1988

State of New Mexico District III. 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

OIL CONSERVATION DIVISION

2040 S. PACHECO Santa Fe, New Mexico 87505

EDIATION AND CLOSURE REPORT

	f. 1							ال ال	· · · · · · · · · · · · · · · · · · ·
perator:	Apache C	orporation \ MW Petr	oleum		Telephone	: <u>!</u>	505-325-03	18	
\ddress:	2855 Sout	thside River Road, Si	uite A, Farm	ington, NN	A 87401				
acility or	Well Name	:	Jic Apach	e Tribal 12	4 Satellite	Α			
ocation:	Unit or Qt	r/Qtr Sec	NW/SE	Sec 14	T 25 N	R 4W	County	Rio Arriba	
Pit Type:	Separator	: XX	_Dehydrato	r	_Other				
_and Type	e:	Jicarilla Tribal							
	Begir	nning Pit Dimensions:	Length	15	' Width	10'	Depth	4'	
Pit Location:		ding Pit Dimensions:	Length	18	Width	12'	. Depth	<u>8'</u>	
(Attach di		erence:	Wellhead		_Other	Test Head	er		
	Foo	tage from reference:		50)'	_			
	Dire	ection from reference:		220	Degrees		_East o	North _	
						X	_West	South _	XX
	Groundw	vater:			Less than			(20 points) (10 points)	
	stance from nts to seasona	al			Greater t	han 100 feet		(0 points) _	0
high water groundwate	elevation of er)								
 Wellhea	d Protection	on Area:					Yes	(20 points)	
(Less that	an 200 feet water sou	from a private rce, or; less than ther water sources)					No	(0 points) _	0
Dietano	e To Surfa	ce Water:				n 200 feet		(20 points)	
(Horizor	ntal distanc	e to perennial				to 1000 feet than 1000 fe		(10 points) (0 points)	0
	onds, rivers n canals an	s, streams, creeks, d ditches)				IG SCORE (•	0

te Remediation Starte	ed:	7/25/97	D:	ate Complete	d:	7	//29/97
mediation Method:		Excavation	XXX A	pprox. cubic y	ards		60
neck all appropriate ctions)	Landfarmed	_	XX In	situ Bioreme	diation		
		Other					
emediation Location: e. landfarmed onsite, ime and location of		Onsite	XX C	Offsite			
fsite facility) eneral Description of	Remedial Action:		Excavate pi	t to 8' , took	PID reading	ıs. Spread	I soil on
location for	remediation. Tool	k soil sampl	les.				
					_		
						Donth	
Froundwater Encount	ered:	No	XX	Yes			
	Sample location		4 point comp	osite sample ta	ken from pit si	idewalls. Gr	ab sample
Closure Sampling: in multiple samples,	Sample location	taken from	4 point comp		ken from pit si	idewalls. Gr	ab sample
Closure Sampling: in multiple samples, attach sample results			pit bottom cen				
Closure Sampling: in multiple samples,	Sample depth Sample Date		pit bottom cen	_{ter.} to pit sidew <i>a</i>		pit bottom	
Closure Sampling: in multiple samples, attach sample results and diagram of sample	Sample depth		pit bottom cen	_{ter.} to pit sidew <i>a</i>	alls 10" into	pit bottom	1
Closure Sampling: in multiple samples, attach sample results and diagram of sample	Sample depth Sample Date Sample results		8 to 10" in	ter. to pit sidewa	alls 10" into	pit bottom	1
Closure Sampling: in multiple samples, attach sample results and diagram of sample	Sample depth Sample Date Sample results Benzene		8 to 10" in 7/29/97 (ppm)	to pit sidewa	alls 10" into	pit bottom	1
Closure Sampling: in multiple samples, attach sample results and diagram of sample	Sample depth Sample Date Sample results Benzene Total BTEX		8 to 10" in 7/29/97 (ppm)	to pit sidewa ND ND 18.36	alls 10" into	pit botton	9:00 AM
Closure Sampling: in multiple samples, attach sample results and diagram of sample ocations and depths) Groundwater Sample	Sample depth Sample Date Sample results Benzene Total BTEX Field Headspace TPH	8' 8'	pit bottom center 8 to 10" in 7/29/97 (ppm) (ppm) (ppm)	ND 18.36 Side/1500 Btm/1300 No	alls 10" into Sample Time	pit bottom	9:00 AM
Closure Sampling: in multiple samples, attach sample results and diagram of sample ocations and depths)	Sample depth Sample Date Sample results Benzene Total BTEX Field Headspace TPH THAT THE INFORM	8' 8'	pit bottom center 8 to 10" in 7/29/97 (ppm) (ppm) (ppm)	ND 18.36 Side/1500 Btm/1300 No	alls 10" into Sample Time	pit bottom	9:00 AM
Closure Sampling: in multiple samples, attach sample results and diagram of sample ocations and depths) Groundwater Sample	Sample depth Sample Date Sample results Benzene Total BTEX Field Headspace TPH THAT THE INFORM	8' YATION AB	pit bottom center 8 to 10" in 7/29/97 (ppm) (ppm) (ppm)	ND ND 18.36 Side/1500 Btm/1300 No	alls 10" into Sample Time	pit bottom	9:00 AM

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			Telephone	505-325-0	318		
Address:	2855 Southside River R	oad, Suite A	, Farmingt	ton, NM 87	401			
Facility or W	ell Name:	JAT 124 SA	ATILITE A	<u> </u>				
Location:	Unit or Qtr/Qtr Sec	NW\SE S	SEC14	T 25N	R4W_	County	Rio Arriba	
Pit Type:	Separator: XX	_Dehydrator_		Other				
Land Type:	Jicarilla Tribal							
Pit Location:	Pit Dimensions:	Length_	18'	_ Width	12'	_ Depth	n <u>8'</u>	
(Attach diagr	am) Reference:	Wellhead _		_Other	TEST HE	ADER		
	Footage from refer	rence:	50		-			
	Direction from refe	rence:	220	Degrees		_East o	North _	
]					X	_West	South _	XX
Denth To G	roundwater:			Less than	50 feet		(20 points)	
(vertical distance				50 feet to	99 feet		(10 points)	
contaminants to	seasonal			Greater th	an 100 fee	et	(0 points) _	0
high water elevat groundwater)	tion of							
Distance to	an Ephemeral Stream:			Less than	100 feet		(10 points)_	
	nt dry wash greater than			Greater th	ian 100 fee	et	(0 points)	0
Distance to	Nearest Lake, Playa, or	Watering P	ond:	Less than	100 feet		(10 points)_	
	ent lakes, playas and wildlife watering ponds)			Greater th	an 100 fee	et	(0 points) _	0
Wellhead P	rotection Area:				Υe	es	(20 points)	
	00 feet from a private				N	lo	(0 points)	0
	iter source, or less than om all other water source:	5)						
Distance To	Surface Water:			Less than	100 feet		(20 points)	
	distance to perennial			100 feet t	o 1000 fee		(10 points)	
	s, rivers, streams, creeks,			Greater th	nan 1000 fe	eet	(0 points)	0
irrigation car	nals and ditches)			RANKING	SCORE ((TOTAL PO	INTS)	0

ate Remediation Starte	d: 7/25/	97	_Date Complet	ed:	7/29/97	
emediation Method:	Excavation		– Approx. cubic	yards	60	
theck all appropriate			-	ediation		
ections)	Landfarmed					
	Other					
emediation Location:	On	site XX	_Offsite			
e. landfarmed onsite, ame and location of						
ffsite facility)			-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	DIT TO 8' TOOK BIL	D READINGS	s
eneral Description of				PIT TO 8', TOOK PIC) (CADIIIO	
SPREAD S	OIL ON LOCATION	FOR REMIDI	ATION. TOOK	SOIL SAMPLES .		
Groundwater Encounte	red:	No X	Yes_	Depth		
inal Pit:	Sample location	4 point c	omposite taker	from pit sidewalls		
Closure Sampling: in multiple samples,		1 point g	rab sample tak	en from pit bottom ce	enter.	
ttach sample results	Cample don'th	 8'				
and diagram of sample ocations and depths)		7/29/97		Sample Time	9:00AM	
Sample Da Sample re		112919		Sumpre vii <u>is</u>		
Soil:	Benzene	(ppm)	ND	Water: Benzene	(ppb)	NA
	Total BTEX	(ppm)	ND	Toluene	(ppb)	NA
	Field Headspace	(ppm)	18.36	Ethylbenzene	(ppb)	NA
	TPH	(ppm)	1500\SIDE	Total Xylenes	(ppb)	NA
Groundwater Sample:		Yes	1300\BTM	X (If yes atta		
HEREBY CERTIFY T			<u> </u>	COMPLETE TO TH	E BEST OF	MY
HEREBY CERTIFY II KNOWLEDGE AND BE	HAT THE INFORMA ELIEF.	TION ABOVE	10 1102 7112			
DATE	9/14/98	PRINTI	ED NAME	JEFF CR	oss	
DATE SIGNATURE	of lun	AND TI	TLE	Project Manager		
AFTER REVIEW OF T THE JICARILLA APAC	HE PIT CLOSURE I	VFORMATIO	N, PIT CLOSU	RE IS APPROVED IN	ACCORDA	NCE TO
APPROVED: YE						
		a				
SIGNED:	C Mand	9 <i>V</i> = ==	D 4 T.C.	11-13-98		

APACHE CORPORATION/FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

Center

NW Corner

NE Corner

SW Corner

SE Corner

P

D

PH E	XCAVATIC	JN AND C	LUSUKE	Jicarilla Apache Tribal EPO/OCD/BLM					
LOCAT	TION .	JAT 124 SAT	ILITE A	<u> </u>		Review and Ap OCD-BLM	proval		
	NUME	4				EPO Represer	ntative		
PIT CO	JUNT	1	•			Date of Review			
								-	
	START	7/25/97			FINISH	7/29/97		<u> </u>	
DIMENS			·		******************		w	D	CU YDS
5.11	L	W	D 4'	Pit 1		18'	12'	8'	60
Pit 1	15'	10'	4	Pit 2					
Pit 2 Pit 3				Pit 3					
DATE:	-	Pit 1 @ 8'	Pit 2 @	Pit 3 @	Date:		Pit 1 @ 8'	Pit 2 @	Pit 3 @
DATE.	Center	33.3	1 1 2 6	1		Center	33.3		
P	NW Corner	12			P	NW Corner	12		
•	NE Corner	21	ļ. 		1	NE Corner	21		
D.	SW Corner	15.3			D	SW Corner	15.3		
U	SE Corner	10.2			-	SE Corner	10.2		
NOTES		10.2	<u> </u>		***************************************	<u> </u>			
NOTEC		RT EXCAVATION	ON ON PITA	ERY LIGHT STA	AINING A	ND ODOR			
				THESE DAYS.					
				PID READING G	OOD .				
				SSAIGAI LABS.		····			
	7720,07 0, 1141								
					· · · · · · · · · · · · · · · · · · ·				
									
	-								
									
					<u> </u>				
									
									
<u> </u>	DATE	7/29/97	7	SOIL SAMPL	ING				
}	DATE	Pit 1 @ 8'		Pit 3 @		IS RESULTS		PER LAB	Assaigai
	Contor	33.3	FILZ	11136	PIT	TPH	BETEX	WITNESS	DATE
P	Center NW Corner	12	<u> </u>		NO	SIDE\BTM	SIDE\BTM		
	8	21	 		1	1500\1300	ND\ND	J.C.	7 <i>1</i> 29/97
	NE Corner				2	100011000	113.13		
0	SW Corner SE Corner	15.3 10.2			3			- 	-
	SE Corner	10.2	<u> </u>	RE-SAMPLE	1 0	<u> </u>			
DATE		Tpit 1 🙃	Pit 2 @	Pit 3 @	ANALYS	SIS RESULTS		PER LAB	
DATE:	3 O 4	Pit 1 @	FILZ W	11136	PIT	TPH	BETEX	WITNESS	DATE
	Center	-			NO	SIDE\BTM	SIDE\BTM		
P	NW Corner	 	+		1	0.02.01	3.22.27		
1	NE Corner		+		2				
D	SW Corner		+		3		 	 	
	SE Corner		<u> </u>	RE-SAMPLE	<u> </u>		<u> </u>		<u>, </u>
DATE	<u>. </u>	Dit 1 🙈	Dit 2 @	Pit 3 @	ΔΝΔΙ ۷	SIS RESULTS		PER LAB	
DATE:		Pit 1 @	Pit 2 @	rico	TOTAL I	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

PIT

NO

1

2

3

TPH

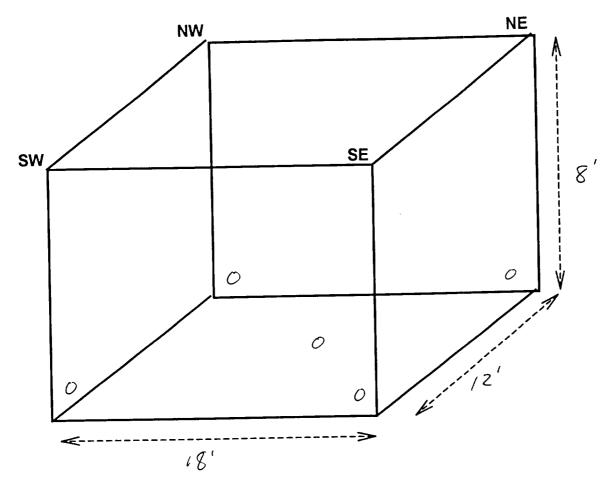
SIDE\BTM

DATE

WITNESS

BETEX

SIDE\BTM



						\bigcirc	= SAMPLE ARE	Ξ,Α
WELL NAN	IE	JAT 124	SATILITE	Α				
SAMPLE D	ATE		7/29/97	7		_		
					LOU TO 10"	INTO DIT		
NOTES .	4 POIN	IT COMPO	SITE SAMP	LE TAKE	N 8" TO 10"	INTOPIT		
_	SIDEV	VALL						
	1 POII	NT GRAB	SAMPLE TA	KEN 10" T	O 12" INTO	BOTTOM	CENTER	
•								
•								
•								
,								
				-				



ASSAIGAI ANALYTICAL LABORATORIES, INC.

AUG 13

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:

August 8, 1997 15:55

CERTIFICATE OF ANALYSIS RESULTS BY SAMPLE

SENT APACHE CORPORATION

TO: 304 N. BEHREND

FARMINGTON, NM 87401

: 9708033 WORKORDER #

: JICARILLA PIT CLOSURES WORK ID

CLIENT CODE : APA01 DATE RECEIVED : 08/01/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9708033-01A

Sample ID: 124 SAT "A" PIT SIDES

Collected: 07/29/97 09:00:00

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	0.0050	500	08/07/97	SBTXME182
	ND	mg/kg	0.0050	500	08/07/97	SBTXME182
	ND	mg/kg	0.0050	500	08/07/97	SBTXME182
	ND	mg/kg	0.010	500	08/07/97	SBTXME182
	ND	mg/kg	0.0050	500	08/07/97	SBTXME182

Lab ID: 9708033-01B

Sample ID: 124 SAT "A" PIT SIDES

Collected: 07/29/97 09:00:00

Matrix: SOIL

-		- 1					=
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID	
Diesel Range OG Soil/M8015 Diesel Range OG in Soil	1500	mg/Kg	25	25	08/06/97	SDRO45	

Lab ID: 9708033-02A

Sample ID: 124 SAT "A" PIT BOTTOM

Collected: 07/29/97 09:30:00

Matrix: SOIL

Sample ID: 121 Siii 11						
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	0.0050 0.0050 0.0050 0.010 0.0050	500 500 500 500 500 500	08/07/97 08/07/97 08/07/97 08/07/97	SBTXME182 SBTXME182 SBTXME182 SBTXME182 SBTXME182



(, ID: 9708033-02B Sample ID: 124 SAT "A" PIT BOTTOM

Collected: 07/29/97 09:30:00 **Matrix:** SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015 Diesel Range OG in Soil	1300	mg/Kg	25	25	08/05/97	SDRO045

William P. Biava

President

WORKORDER COMMENTS

DATE : 08/08/97

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"

 $\overline{N}T$ = 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

Project Manager / Contact _J&££ C生099

Client Apache Corporation

ALBUQUERQUE, NEW MEXICO 87109 (505) 245-8964

()

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

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

MELOUIADES ALAMIS
6411 LOCAL UNO
CIUDAO JUAREZ, CHIHUAHUA MEXICO 32320

Address 30	Address 304 N. Behrend				Tele	Telephone No. (505) 774-6643	774-66	43	,	_	/	(Amalyan	Amalyzasa Requered	•			 3	
lty / State / Z	Ciry/State/zpEarmington, NM 87401	NR 8	2401	ļ	Fax	Fax No. (505) 774-6624	5624			\	_	30		\	_		_		•	
roject Name	Project Name / Number JICARILLA PIT CLOSURES	A PI	SOTO	URE		Samplers: (Signature) Jacks (Muc	Lak m	uk;	,	S. S		370				\		- .		
ontract / Pur	Contract / Purchase Order / Quote				1	-			Mo. ok	No. 01 0									i i	
PRACTION PUMBON	Sample Namber / Location		Dete	£	Sample	Type / Stae of Container	Temp.	Preservation p. Chemical		B	₹		//							
71A	124 Set Harsides		7.29.979:00 50.1	8	//95	4026/25		106								-				1
SIR	-		/	`				/												
A20	124 Sat "A" R. 1 Botton	Better	/	9.30	2			/		_										
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													<u>ן</u>				Ì			
Shipment No.			<u> </u>											Stored (JO days max)	a days	()	:			
Special instructions:			1								1		J	Storeds	8 2	78 ys (m	Stored over 30 days (additional fee)	÷		_

Returned to customer

HTTON SENFIGHT Drawage

MW PETROLEUM

Jicaeilla TRIBAL 124

Testing SATICITE "A"

NW/SE SPECIT TOON RHW

Rio ARRIBA COWNTY NEW MEXICO.

Test Header

TEST METER.

LANDFARM 54'x 30'x 12"

P,T

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

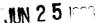
perator:	M W PETR	ROLUEM			Telephor	ie	505-325-0	318	
ddress:		2855 SOUTI	HSIDE RIV	ER ROAD	/SUITE /	VFARMING	TON, N.M.	87401-7947	
acility or vve	Unit or Qtr	-/Qtr Sec _	NW\SE	SEC 14	T 25 N	R4W	_County	RIO ARRII	BA
and Type		JIC. TRIBA							
oto Demedi	iation Starte	ed:	7/25/97		_Date Co	mpleted:		6/14/98	
		Landfarmed				cubic yards		60	
		Composted			_				
		Other			REMED	NATED SOI	L TO BE SF	PREAD ON L	OCATION.
Depth to Gro	oundwater:		(pts)0		Final Cl	osure Sam	pling	
		eral Stream:	(pts)0	Sampli	ng Date:	6/14/9	8_Time:	10:10AM
Distance to or Watering	Nearest La		(pts	0		e Results:	0		
Wellhead P		rea:	(pts	s) 0		adspace (ppm) PH (pp		Method	M8015
Distance To	Surface V	Vater:	(pt:	s) <u> </u>	1			3020A (N	
RANKING	SCORE (T	OTAL POINT	rs)	0	_				
I HEREBY KNOWLED	CERTIFY OGE AND E	THAT THE IN	FORMAT	ION ABOV	E IS TRU	E AND COM	APLETE TO	THE BEST	OF MY
DATE:		9/14/9	8	PRINTE			JEFF		
SIGNATUF	 RE	less Cu	رم	TITLE		PROJ			
AFTER RE	EVIEW OF	THE SOIL R THE JICARIL	EMEDIATI LA APACH	ON INFOR	MATION PIT CLOS	. ON-SITE URE ORDIN	REMEDIAT NANCE.	ION IS APP	ROVED IN
		ES_X							
SIGNED:	Lei	-Cm	en	DATE:		1-13-9	78		

M W PETROLEUM/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE		JAT 124 SATILITE A		-	
* AMOUNT OF SOIL UN	DERGOIN	IG REMEDIATION	60	Yds.	
CELL No1			SampDATE 6/14/98	3200	BTEX ND
DIMENSIONS(LxWxH)	54' X 3	30' X 12"			
CELL LOCATION (dir. from w	vell head	EAST			
* DATE BEGAN: 7/25	/97				
DATE TERMINATED (TPH <	5,000 ppm/{	3TEX< 50 ppm/Benzene < 10 pp	om) 6/14/98	3	-
CELL No. 2			SampDATE	TPH	BTEX
DIMENSIONS(LxWxH)					
CELL LOCATION (dir. from v	vell head				
* DATE BEGAN:					
DATE TERMINATED (TPH <	5,000 ppm/	BTEX< 50 ppm/Benzene < 10 pp	om)		-
CELL No. 3			SampDATE	TPH	BTEX
DIMENSIONS(LxWxH)					
CELL LOCATION (dir. from v	well head				
* DATE BEGAN:					
DATE TERMINATED (TPH <	<5,000 ppm/	/BTEX< 50 ppm/Benzene < 10 p	pm)		<u>-</u>
8/8/97 PLOW AND TILL SO 4/21/98 PLOW AND TILL SO	WITH 46-0- IL CELL. DIL CELL.	nent, Tilling) 0 FERTILIZER,WATER,PLOW /	AND TILL.		
5/13/98 PLOW AND TILL SO 5/29/98 WATER,PLOW AND 6/11/98 PLOW AND TILL SO	TILL SOIL	CELL.			

From excavation reports.

NOTES: ALL SAMPLES TAKEN 10" TO 12" INTO CELL. 11 POINT COMPOSITE SAMPLE	0	0	0	WELL NAME: SAMPLE DATE: DIMENSIONS: JAT 124 SATILITE A 6/14/98 54' X 30' X 12"
CELL:	0	0	0	
	Ο	O	Ο	= SAMPLE AREA





ASSAIGAI ANALYTICAL LABORATORIES, INC.

7300 Jefferson, NE • 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 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			
Ε	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:

9806205 JICARILLA

Milliam P. Biava: President of Assaign Analytical Laboratories, Inc.

Client Sample ID	JAT #12	24 SA7	ГА		Sample Matrix	SOIL				Sample Collected	06/14/98 10:10:00
Fraction	QC Group	CAS#		Result		<u>Units</u>	Dilution Factor	Detection <u>Limit</u>	*	Sequence	Run <u>Date</u>
			SW846-8020 Volatiles								004000
9806205-01A	X98330	71-43-2	Benzene	ND		mg / Kg	50	0.005		XG.1998.551-16	06/18/98
	X98330	100-41-4	Ethylbenzene	ND		mg / Kg	50	0.005	i	XG.1998.551-16	
	X98330	95-47-6	o-Xylene	ND		mg / Kg	50	0.005		XG.1998.551-16	
	X98330		p/m Xylenes	ND		mg / Kg	50	0.01		XG.1998.551-16	
	X98330	108-88-3	Toluene	ND		mg / Kg	50	0.005		XG.1998.551-16	
			SW846-8015 Modified TPH								
9806205-01B	X98331		Diesel Range Organics	3200		mg / Kg	25	25		XG.1998.557-13	06/21/98





^{***} Sample specific analytical Detection Limit is determined by multiplying the sample Dilution Factor by the listed method Detection Limit. ***

Chain of Custody Record ASSAIGAI ANALYTICAL LABORATORIES, INC.

1. n Job no.: 620S

P*9*

Project Manager / Contact Jeff Cross

Client Apache Corporation

ie.	
ALBUQUEHQUE, NEW MEXICO 87103 (505) 345-8964	3332 WEDGEWOOD EL PASO, TEXAS 79925 (915) 593-6000

<i>y</i> .	Bomata		Malst	160)
Analysis Required			Printed Prignature HALLM Times Times Company RAM Reason RAM Reason	After analysis, samples are to be: [] Disposed of (additional - [] Stored (30 days max) [] Stored over 30 days (ad.
D. SLE, ATelephone No. (505) 774-6643	buddy.	Date Thme Sample Type (Size of Container (3)) Franction (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Signature Scott Printed Scott	LABORATORY
Address 2855 SOUTHSIDE RIVEY RD, SLE, Arelephone No. (505)	City/State/Zip Ra Filt ing Lon, NM 87401=7947. Fax No. (505) 774=6624 Project Name/Number Contract/Purchase Order/Quote	Increased Sample Floring Design Desig	Signature Signature Printed Company Company Season Reason Reason Reason Reason Reason Reason	Methori of Shipment: Shipment No. Special Instructions: