District III

1000 Right azos Rd

Azted NM 87410

DEPUTY OIL 3

FED # 8 W.S.

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

#14	Woved					(1,0)		
Operator: Apa	ache Corporation			Telephone:	:	505-325-0	318	
Address: 285	5 Southside River Road, St	uite A, Farm	nington, NN	1 87401				
Facility or Well	Name:	APACHE '	153 Pit #1					
Location: Unit	t or Qtr/Qtr Sec	NW/NE	Sec 1	T 24 N	R 4W	County	Rio Arriba	
Pit Type: Sep	parator:	Dehydrato	r	Other	Separator	/Tank Drair	<u>n</u>	
Land Type:	Jicarilla Tribal							
	Beginning Pit Dimensions:	Length	18'	Width	18'	Depth	4'	
Pit Location: (Attach diagran	Ending Pit Dimensions:	Length	20'	Width	20'	Depth	<u>8'</u>	
(Allacii diagiaii	Reference:	Wellhead	XXX	Other				
	Footage from reference:		125'					
	Direction from reference:		335	Degrees		East	North _	ХХ
					x	of _West _	f South _	
Depth To Grou				Less than 5			(20 points)	
(vertical distance for contaminants to se				50 feet to 9 Greater that	99 feet an 100 feet		(10 points) _ (0 points)	0
high water elevatio groundwater)	on of						` ' _	4
Wellhead Prot				·		Yes	(20 points)	
) feet from a private r source, or; less than					No	(0 points)	0
	all other water sources)							
Distance To S	Surface Water:			Less than 2	200 feet		(20 points)	
•	tance to perennial			200 feet to			(10 points)	
lakes, ponds, r irrigation canal	rivers, streams, creeks, is and ditches)			Greater tha	an 1000 fee	ŧ	(0 points)	0
inigation ounal	o and anomoey			RANKING	SCORE (T	OTAL POIN	ITS)	0

Date Remediation Star	ted:	11/14/95		_Date Comp	oleted:		11/30/95
Remediation Method: Check all appropriate		Excavation	XXX	_Approx. cul	bic yards		119
sections)	Landfarmed	١ .	XX	_Insitu Biore	emediation _		
		Other					
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)	:	Onsite	XX	_Offsite			
General Description of	f Remedial Action:		Excavate	pit to 8', to	ok PID readir	ngs. Back	fill pit with
clean soil.	Remediated soil to	be spread	on locatio	n. Spread s	oil on location	on for rem	ediation.
Took soil sa	amples						
							
Groundwater Encoun	tered:	No	X	<u>X</u> Yes	S	Depth	
Final Pit:	Sample location		5 point cor	nposite sample	e taken from pit	sidewalls ar	d pit
Closure Sampling: (in multiple samples,			bottom cer	nter.			
attach sample results and diagram of sample	Sample depth	8'	8 to 10"	into pit side	walls 10" int	o pit botto	m
locations and depths)	Sample Date		11/30/9		_Sample Tim		2:40 PM
	Sample results						
1	Benzene		(ppm)	NE	<u> </u>		
	Total BTEX		(ppm)	N	2_		
	Field Headspace		(ppm)	9.54	4_		
	TPH			N	<u>5</u>		
Groundwater Sample		Yes		N			ch sample results)
I HEREBY CERTIFY T KNOWLEDGE AND B		ATION ABO	VE IS TRI	JE AND CO	MPLETE TO	THE BEST	OF MY
DATE	December 1, 199	18	_PRINTE	D NAME	Jeff Cross	<u> </u>	
SIGNATURE	efflion		_AND TIT	r LE	Project Ma	ınager	
I //	() U						

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

Operator:	Apache Corporation			Telephone		505-325-0	318	
Address:	2855 Southside River Road, St	ıite A, Farm	ington, NN	87401				
Facility or \	Well Name:	APACHE 1	153 Pit #2					
Location:	Unit or Qtr/Qtr Sec	NW/NE	Sec 1	T 24 N	R 4W	County	Rio Arriba	
Pit Type:	Separator:	_Dehydrato	r	Other	Drip Pit		 	
Land Type	Jicarilla Tribal							
	Beginning Pit Dimensions:	Length	12'	Width	12'	Depth	2'	
Pit Location: (Attach dia	Ending Pit Dimensions:	Length	12'	Width	12'	Depth	6'	
(/ titacii ala	Reference:	Wellhead	XXX	Other		· · · · · · · · · · · · · · · · · · ·		
• •	Footage from reference:		85'					
	Direction from reference:		124	Degrees	XX	East	North	
						of West	South	х
Depth To (vertical distal contaminants high water elegroundwater)	to seasonal			Less than 5 50 feet to 9 Greater tha	9 feet		(20 points) (10 points) (0 points)	0
(Less than domestic w	Protection Area: 200 feet from a private vater source, or; less than rom all other water sources)					Yes No	(20 points) _ (0 points) _	0
(Horizontal lakes, pond	To Surface Water: distance to perennial ds, rivers, streams, creeks, anals and ditches)			Less than 2 200 feet to Greater tha	1000 feet	i.	(20 points) (10 points) (0 points)	0
				RANKING	SCORE (TO	OTAL POIN	TS) -	0

Date Remediation Sta	rted:	11/14/95		_Date Comp	leted:	11/30/95
Remediation Method: (Check all appropriate		Excavation	XXX	_Approx. cul	oic yards	32
sections)	Landfarmed		XX	_Insitu Biore	mediation	
		Other				
Remediation Location (i.e. landfarmed onsite, riame and location of offsite facility)	:	Onsite	XX	_Offsite	-	
General Description o	f Remedial Action:		Excavate	pit to 6', too	ok PID readings.	. Backfill pit with
clean soil.	Remediated soil to I	be spread (on locatio	n. Spread s	oil on location f	or remediation.
Took soil s	amples					
	1/1 R		· · · · · · · · · · · · · · · · · · ·			
Groundwater Encoun	tered:	No	X	Yes	1	Depth
Final Pit:	Sample location		5 point com	posite sample	taken from pit side	walls and pit
Closure Sampling: (in multiple samples,	·		bottom cen	-	· · · · · · · · · · · · · · · · · · ·	
attach sample results and diagram of sample	Sample depth	6'	8 to 10" ii	nto pit sidev	valls 10" into pit	bottom
Iocations and depths)	Sample Date Sample results		11/30/9	5	Sample Time	2:55 PM
	Benzene		(ppm)	ND		
	Total BTEX		(ppm)	ND		
	Field Headspace		(ppm)	35.42		
	TPH			490		
Groundwater Sample		Yes		_ No		es attach sample results)
I HEREBY CERTIFY T KNOWLEDGE AND B		TION ABO	/E IS TRU	E AND COM	PLETE TO THE	BEST OF MY
DATE	December 1, 1998		PRINTED	NAME	Jeff Cross	
SIGNATURE (left Coon		AND TITL	.E	Project Manage	er

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

Operator:	APACHE CORPORATION)N		_ Tel ephone	505-325-0	318		
Address:	2855 Southside River Ro	oad, Suite A	, Farmingto	n, NM 8740	01			
Facility or W	/ell Name:	APACHE #	153 PIT#1					
Location:	Unit or Qtr/Qtr Sec	NW\NE	SEC 1	T 24 N	R4W	County	Rio Arriba	· ·
Pit Type:	Separator:	Dehydrator		_Other	SEPARAT	OR\TANK	DRAIN	
Land Type:	Jicarilla Tribal							
Pit Location:		Length	20'	Width	20'	_ Depth	8'	
(Attach diag	ram) Reference:	Wellhead	XX	_Other				
	Footage from refer	ence:	125	ı	_			
	Direction from refe	rence:	335	_Degrees		_East	North	xx
					X	of _West	South	
Depth To G	roundwater:			Less than			(20 points)	
(vertical distance contaminants to				50 feet to	99 feet an 100 feel	ł	(10 points) (0 points)	0
high water eleva groundwater)							(
Distance to	an Ephemeral Stream:			Less than	100 feet		(10 points)	
(Downgradie ten feet in w	ent dry wash greater than ridth			Greater th	ian 100 feet	t	(0 points)	0
Distance to	Nearest Lake, Playa, or	Watering Po	nd:	Less than	100 feet		(10 points)	
, ,	ent lakes, playas and wildlife watering ponds)			Greater th	nan 100 feet	t .	(0 points)	0
Weilhead P	rotection Area:				Yes		(20 points)	
domestic wa	200 feet from a private ater source, or less than				No)	(0 points)	00
	om all other water sources	5)						
	Surface Water:			Less than	100 feet o 1000 feet		(20 points) (10 points)	
, ·	distance to perennial s, rivers, streams, creeks,				nan 1000 fe		(0 points)	0
	nals and ditches)			RANKING	SCORE (TOTAL POI	NTS)	0
<u></u>								

Date Remedia	ition Starte	ed:	11/14/95		Date Comp	leted:		11/30/95	
Remediation I			Excavation	XXX	Approx. cul	bic yards		119	
(Check all app sections)	ropriate	Land	dfarmed	XX	_Insitu Biore	mediation	1		
			Other						
Remediation (i.e. landfarme	ed onsite,		Onsite	XX	Offsite				
offsite facility) General Desc	ription of BACK FILI	Remedial Act L PIT WITH C SOIL ON LOC	LEAN SOIL.	REMEDIA REMIDIAT	TED SOIL T	O BE SP	8', TOOK PI READ ON LO MPLES .	D READING OCATION.	S.
Groundwater	Encounte	red:	No	X	_ Yes		_ Depth		,
Final Pit: Closure Sam (in multiple sa	amples,	Sample loca	tion	5 point con	nposite takei	n from pit	sidewalls , a	nd pit bottom	center.
	of sample	ate	th	8' 11/30/95	_	_Sample [*]	Time	2:40PM	
	Soil:	Benzene		(ppm)	ND	_Water:	Benzene	(ppb)	NA
		Total BTEX		(ppm)	ND	<u>-</u>	Toluene	(ppb)	NA
		Field Heads	pace	(ppm)	9.54	_ E	thylbenzene	(ppb)	NA
		TPH		(ppm)	ND_	_ т	otal Xylenes	(ppb)	NA
Groundwate	r Sample:		Yes	S	No	<u> </u>	(If yes atta	ach sample r	esults)
I HEREBY CI KNOWLEDG		IAT THE INFO	DRMATION A	ABOVE IS TI	RUE AND CO	OMPLETE	TO THE BE	ST OF MY	
DATE		10/1/9	8	PRINTED	NAME		JEFF CR	oss	
SIGNATURE	<u></u>	eff Co	(07	_AND TITL	E	Project	Manager		
AFTER REVI	IEW OF TH	IE PIT CLOSI HE TRIBE PIT	JRE INFORM CLOSURE	NATION, PIT ORDINANC	CLOSURE E.	IS APPRO	OVED IN ACC	ORDANCE	ro
APPROVED:	: YE	s_ <u>X</u>	NO	o	(REASON	l)			
SIGNED:	Ki	= (71)	1 cml		DATE:	_//-	13-98		

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

Operator:	APACHE CORPORATION	ON	······································	Telephone	505-325-0	318		
Address:	2855 Southside River R	oad, Suite A,	Farmingtor	n, NM 8740)1			
Facility or W	ell Name:	APACHE # 1	53 PIT#2					
Location:	Unit or Qtr/Qtr Sec	NW\NE	SEC 1	T 24 N	R4W	County	Rio Arriba	
Pit Type:	Separator:	_Dehydrator _		_Other	DRIP PIT			
Land Type:	Jicarilla Tribal							
Pit Location:		Length	12'	_ Width	12'	_ Depth	6'	
(Attach diag	ram) Reference:	Wellhead	XX	_Other			<u></u>	
	Footage from refe	rence:	85	•	_			
	Direction from refe	erence:	124	_Degrees	XX	_East o	North f	
						_West	South	X
Depth To G (vertical distance contaminants to high water eleva groundwater)	seasonal			Less than 50 feet to Greater th		t	(20 points) (10 points) (0 points)	0
	an Ephemeral Stream: ent dry wash greater than ridth			Less than Greater th	100 feet nan 100 fee	et	(10 points) (0 points)	0
(Downgradio	Nearest Lake, Playa, or ent lakes, playas and wildlife watering ponds)	Watering Po	nd:	Less than Greater th	100 feet nan 100 fee	et	(10 points) (0 points)	0
(Less than 2 domestic wa	Protection Area: 200 feet from a private ater source, or less than com all other water source	s)			Ye N		(20 points) (0 points)	0
(Horizontal lakes, pond	o Surface Water: distance to perennial s, rivers, streams, creeks	,			100 feet to 1000 fee han 1000 fe		(20 points) (10 points) (0 points)	0
irrigation ca	anals and ditches)			RANKING	S SCORE ((TOTAL PO	INTS)	0

Date Remediatio	n Started	l: <u>11</u>	/14/95		Date Comp	oleted:		11/30/95	
Remediation Met		Excava	ation	XXX	_Approx. cu	bic yards		32	
(Check all approp sections)	oriate	Landfarm	ed	XX	Insitu Biore	emediatio	n		
		Othe	r		•				
Remediation Loc	ation:		onsite	XX	Offsite				
(i.e. landfarmed o	nsite,				-				
offsite facility)									
General Descript		emedial Action: PIT WITH CLEAN	I SOII	REMEDIA.				D READING	S.
		OIL ON LOCATIO							
Groundwater En	countere	d:	No.	X	Yes		_ Depth	·	
Final Pit: Closure Samplin (in multiple samp	g:	ample location		5 point com	posite taker	n from pit	sidewalls , a	nd pit bottom	center.
attach sample res and diagram of sa	ample S	ample depth		6'	_				,
	oths) nple Date nple resu			11/30/95		Sample	Гіте	2:55PM	
Soi		enzene		(ppm)	ND	Water:	Benzene	(ppb)	NA
301						. Water.			NA
		otal BTEX		(ppm)	ND ND	-	Toluene	(ppb)	
		ield Headspace		(ppm)	35.42	-	thylbenzene		NA
		PH		(ppm)	490	-	otal Xylenes		NA
Groundwater Sa					_		`_	ach sample re	esults)
I HEREBY CERT KNOWLEDGE AI			TION AE	BOVE IS TR	UE AND CO	MPLETE	TO THE BE	ST OF MY	
DATE		10/1/98		PRINTED N	IAME		JEFF CRO	oss	
SIGNATURE	Je	flon		AND TITLE		Project I	Manager		
AFTER REVIEW THE JICARILLA						S APPRO	VED IN ACC	ORDANCE T	O
APPROVED:	YES_	X	NO		_(REASON))			
									<u>.</u>
SIGNED:	/ the (CMa_		, , ,	_DATE:	11-	13-98		

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APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

NW CORNER

NE CORNER

SW CORNER

SE CORNER

Ρ.

I.

D.

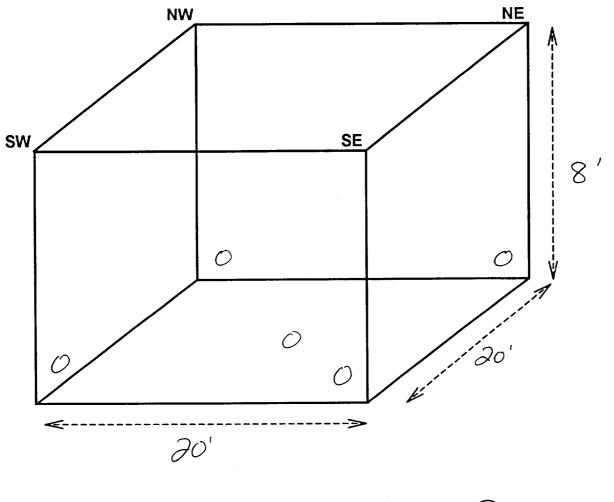
PIT EXCAVATION AND CLOSURE REPORT JICARILLA APACHE TRIBAL EPO REVIEW AND APPROVAL LOCATION: APACHE 153 **EPO REPRESENTATIVE** PIT COUNT: DATE OF REVIEW: 2 **EXCAVATION DIMENSIONS START FINISH** L CU.YDS. D D PIT 1 18 18' 4' PIT 1 20' 20' 8' 119 2' PIT 2 12' 12' 6' PIT 2 12' 32 12' PIT 3 PIT 3 DATE:11/14/95 PIT1@08' PIT2@04' DATE:11/30/95 PIT1@08' PIT2@06' PIT3@ PIT3@ **CENTER** 12.4 **CENTER** 587.0 7.2 32.0 P. NW CORNER P. NW CORNER 9.8 3.8 1112.0 33.8 0.0 NE CORNER 755.0 I. NE CORNER 8.1 32.1 Ι. D. SW CORNER 22.5 556.0 D. SW CORNER 47.1 8.0 SE CORNER 13.8 744.0 SE CORNER 14.6 32.1 NOTES: 11/17/95 -PIT 1-Dark stained soil to 6' Slight staining @ 8' Hit sandstone shelf. PIT 2-Lt. staining w/strong odor to 4' No staining w/slight odor @6'. SOIL SAMPLING DATE:11/14/95 PIT1@08' PIT3@ PIT2@04' ANALYSIS RESULTS PER LAB: **ASSAIGAI CENTER** 12.4 587.0 WITNESS PIT TPH **BETEX** DATE NW CORNER P. 1112.0 3.8 NO. NE CORNER 0.0 I. 755.0 1 ND ND IF&S 11/17/95 SW CORNER 22.5 D. 2 33.8 IF&S 556.0 420.0 11/17/95 **SE CORNER** 13.8 744.0 3 RE-SAMPLE OR CELL(S) SAMPLE DATE:11/30/95 PIT1@08' PIT2@06' PIT3@ **ANALYSIS RESULTS** PER LAB: **ASSAIGAI CENTER** 7.2 32.0 PIT TPH **BETEX** WITNESS DATE NW CORNER 33.8 P. 9.8 NO. I. NE CORNER 8.1 32.1 1 ND ND JDT 11/30/95 SW CORNER 8.0 47.1 2 JDT 490.0 ND 11/30/95 SE CORNER 32.1 3 RE-SAMPLE OR CELL(S) SAMPLE DATE: PIT 1 PIT 2 PIT 3 **ANALYSIS RESULTS** PER LAB: **CENTER** WITNESS PIT TPH **BETEX** DATE

NO.

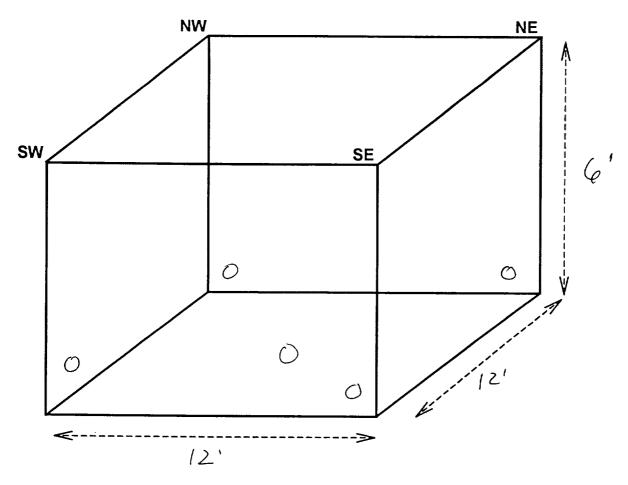
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2

3



		= SAMPLE AREA
ME	APACHE # 153 PIT # 1	
DATE	11/30/95	
		0" INTO PIT



			\bigcirc	= SAMPLE AREA
WELL NAM	ME	APACHE # 153 PIT # 2		
SAMPLE D	ATE	11/30/95		
NOTES	5 POIN	IT COMPOSITE SAMPLE TAKEN 8" TO 10"	INTO PIT	
	SIDEV	VALL,AND PIT BOTTOM CENTER.		
_				
_				
_				
_				
•				
•				····

b ID: 9512029-20B Sample ID: AP #117		Collected: Matrix: S	11/30/ OIL	95 14	:35:00	
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel HCs DSL XT/CAL DHS 8015M	6100 12/06/95	mg/Kg N/A	5.0	500	12/08/95	SLFTD054
Lab ID: 9512029-21A Sample ID: AP #153-C ρ.+ #2		Collected: Matrix: So		95 14	: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	500 500 500 500 500	12/06/95 12/06/95 12/06/95 12/06/95 12/06/95	SBTXME093 SBTXME093 SBTXME093 SBTXME093 SBTXME093
Lab ID: 9512029-21B Sample ID: AP #153-C ρ ^{+#} ζ		Collected: Matrix: So	11/30/9 DIL	95 14	:55:00	
_ST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel HCs DSL XT/CAL DHS 8015M	490 12/06/95	mg/Kg N/A	5.0	50	12/08/95	SLFTD054
Lab ID: 9512029-22A Sample ID: AP #153-H P1+41		Collected: Matrix: SO	11/30/9)IL	95 14	: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	500 500 500 500 500	12/06/95 12/06/95 12/06/95 12/06/95 12/06/95	SBTXME093 SBTXME093 SBTXME093 SBTXME093 SBTXME093
Lab ID: 9512029-22B Sample ID: AP #153-H P, +#1		Collected: Matrix: SC		5 14:	40:00	
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE	BATCH_ID

ANAL HCs DIESEL/CAL DHS 8015M Diesel HCs DSL XT/CAL DHS 8015M ND 12/06/95 mg/Kg N/A 5.0 500 12/08/95 SLFTD054

Chain of Cust Ily Record

Page 2

Project Manager / Contact.

E REALEN

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Client /

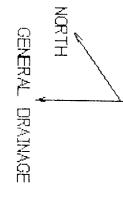
7300 JEFFERSON, N.E. ALBUQUERQUE, NEW MEXICO 87 (505) 345-8964

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

1910 N. BIG SPRING MIDLAND, TEXAS 797 (915) 570-1116

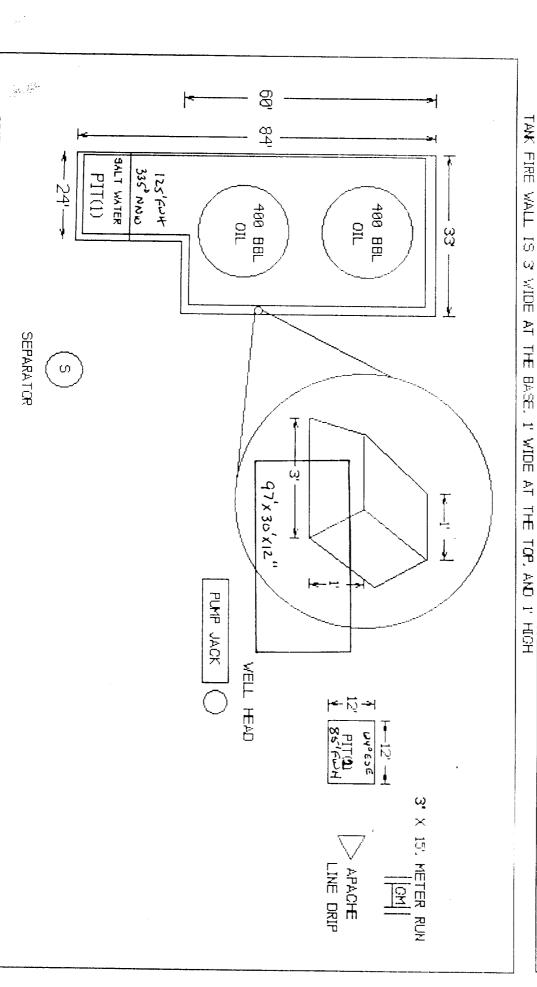
MELQUIADES ALANIS 6411 LOCAL UNO CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

Address	174 W. 11 Proced			_ Telephone No	one No. (505) 325 - 031	5-0316	7 -/	Anı	Analysis Required
Sity / State / Zip	The principles	Nr. 87	g 74cı	Fax No.	5	325-0325			
roject Name / Number	南江	Barglinficn		Z/Sample	750/Samplers: (Signature)		Sieuje	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Remarks
ontract / Pur	Contract / Purchase Order / Quote	1					X 3 And Solo Solo Solo Solo Solo Solo Solo Sol		
AAL FRACTION NUMBER	Field Sample Number / Location	on Date	T T	Sample Type	Type / Size of Container	Preservation Temp. Chemical	15/25//		
ロン	H-1911 = 31	11/1/	. 00.	-30	4 cz. G/ASS				
CC.	A 10/0 # A	7/1/		1	-				
さなら	14-111 11 (1)	411	12.30						•
2)	M. P. H. P. H.	6/11							
7180	H- 18 - 1911	11/2	2.cc		-				
3		11/2	2.cg						
	12	2/1/	1.30						
<u>ا</u> ک	11 36.C	2/11	1.30					1	
	1, 153-0	b1/11	11.50						
	*/53-C	14/11	77:50	,					
HAL	4/55/H	h1/11	11:00						
2	153-4	61/11	72://						
yd badsinbu		Date	Received by:	T	1 / 100	Relinquished by:		Date	Received by:
gnature /	- 100 - 100	545/11	Signature		Charles	Signature	Chons	- 11/10/4	Signature March M (Camp) 211
anted (1) (1)	Files 4	Time	Company	V = V		N/ A		- Time	Company ATC
nason	54	7.00		hut say		Reason +CH			Reason
				\)		After analysis, s	After analysis, samples are to be:
ethod of Shipment:	nt:		Comments:					sia ———	Disposed of (additional fee)
hipment No.								□ Sto	Stored (30 days max)
pecial instructions:	.sr							Sto	Stored over 30 days (additional fee)
									Returned to customer



RIO ARRIBA COUNTY, NM SECTION 1. TOWNSHIP 24N. RANGE 4W NW/4 ME/4 (5) APACHE
APACHE NUMBER 153 Lease # JAT 126 APACHE 엋

Revised 6/1/97



DRAINAGE IS APPROXIMATELY, 25 MILES Y TO AN UNIAMED WASH 2 MILES TO LARGO WASH, AND THEN 50 MILES TO THE SAN JUAN RIVER.

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:	APACHE	CORPORAT	ION		_Telephon	ie	505-325-0318					
Address:		2855 SOUT	HSIDE RI	VER ROAL)/SUITE A	/ FARMING	TON N.M. 8	37401-7947	,			
Facility or We	ell Name:		APACHE #	‡ 153					· · · · · · · · · · · · · · · · · · ·			
Location:	Unit or Qtr	/Qtr Sec	NWNE	SEC 1	T 24 N	R4W	_County	RIO ARR	O ARRIBA			
Land Type		JIC. TRIBA	AL .									
Date Remedi	ation Starte	ed:	11/14/95		_Date Cor	8/17/98						
Remediation	Method:	Landfarmed	t	XXX	_Approx. o	cubic yards		151				
		Composted			_							
		Other		REMEDIA	TED SOIL	. TO BE SP	READ ON L	OCATION				
Depth to Gro	undwater:	7.4	(pts)	0		Final Clo	sure Samp	ling				
Distance to a	n Ephemer	al Stream:	(pts)	0	Sampling	Date:	8/17/98	_Time:	10:20AM			
Distance to N or Watering F		e, Playa,	(pts)	0	Sample F	Results:						
Wellhead Pro	tection Are	a:	(pts)	0		pace (ppm)	0	_	M8015			
Distance To \$	Surface Wa	iter:	(pts)	0	TPH	· /						
RANKING SO	CORE (TO	TAL POINTS	5)	0	Otne	BIEX (S	5VV840 , 8U2)20A (ND)				
I HEREBY CI KNOWLEDG			ORMATIO	N ABOVE	IS TRUE /	AND COMP	LETE TO T	HE BEST (OF MY			
DATE:		10/1/98		PRINTED	NAME		JEFF CR	oss				
SIGNATURE	Ju	ff ho	7	TITLE		PROJEC	T MANAGE	R				
AFTER REVI								N IS APPRO	OVED IN			
APPROVED:	YES		NO		_(REASOI	N)			_			
SIGNED:	Kan	C'Ma		DATE:)(-	-13-9	78		_			

APACHE COPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE	APACHE # 153		_				
* AMOUNT OF SOIL UNDERGOING	REMEDIATION	151	_Yds.				
		SampDATE	TPH	BTEX			
CELL No. 1		8/17/98	1400	ND			
DIMENSIONS(LxWxH) 97' X 30'	X 12"						
CELL LOCATION (dir. from well head	EAST			ļ			
* DATE RECAN: 11/17/05			 	ļ			
* DATE BEGAN: <u>11/17/95</u>			<u> </u>	l			
DATE TERMINATED (TPH <5,000 ppm/BTE.	X< 50 nom/Benzene < 10 nom)	8/17/98	3				
(11 11 - 3,000 ppn//212	(coopping contents of the pping			•			
		SampDATE	TPH	BTEX			
CELL No. 2							
DIMENSIONS(LxWxH)							
							
CELL LOCATION (dir. from well head							
			 				
* DATE BEGAN:			1	<u> </u>			
DATE TERMINATED (TPH <5,000 ppm/BTE	X< 50 ppm/Benzene < 10 ppm)						
() () () () () () () () () () () () () (,			•			
		SampDATE	TPH	BTEX			
CELL No. 3							
DIMENSIONS(LxWxH)							
CELL LOCATION (dir. from well head			<u> </u>				
* DATE BEGAN:	•		<u> </u>	<u>]</u>			
DATE TERMINATED (TPH <5,000 ppm/BTE	X< 50 ppm/Renzene < 10 ppm)						
	se de prin Bonzono i lo prin,			=			
REMEDIATION RECORD: (Date, Treatment	. Tilling)						
11/23/95 TREAT SOIL WITH 28-4-4 FERTIL	:	TILL SOIL.					
4/10/97 TREAT SOIL WITH 46-0-0 FERTILIZ							
WATER,PLOW AND TILL SOIL.	8/21/97 TREAT SOI			US,28LBS			
5/1/97 PLOW AND TILL SOIL.	LIME,WATER,PLOV						
5/21/97 PLOW AND TILL SOIL.	5/6/98 WATER,PLO	W AND TILL SOI	L. 5/21/98 P	LOW,TILL			
6/5/97 WATER,PLOW AND TILL SOIL.	6/11/98 WATER,PLO		ль. 6/29/98	PLOW , I'L			
6/21/97 PLOW AND TILL SOIL.	7/15/98 PLOW AND						
7/2/97 PLOW AND TILL SOIL.	8/14/98 PLOW AND	HLL SUIL.					

From excavation reports.

= SAMPLE AREA 新行人 ALL SAMPLES TAKEN 10" TO 12" INTO CELL Wpoint composite Stuple Apack 153 91'x30' X12 8-17-88 SAMPLE DATE: DIMENSIONS: WELL NAME: NOTES:



ASSAIGAI ANALYTICAL LABORATORIES, INC.



7300 Jefferson, NE • Albuquerque, New Mexico 87109 • (505) 345-84

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							
-9	see footnote							

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: APACHE CORPORATION

Project: 9808179 JICARILLA PIT CLOSURES

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

Client Sample ID	APACH	E #153	CELL	Sam Matri		•			Sample Collected	08/17/98 10:20:00
						Dilution	Detection			Run
<u>Fraction</u>	QC Group	CAS#		Result	<u>Units</u>	<u>Factor</u>	<u>Limit</u>	*	Seguence	<u>Date</u>
			Test: SW846 8010B/8020A Purge	eable VOCs by GC/P	ID-ELCD					
9808179-01A	X98390	71-43-2	Benzene	ND	mg / Kg	50	0.005		XG.1998.702-7	08/20/98
	X98390	100-41-4	Ethylbenzene	ND	mg / Kg	50	0.005		XG.1998.702-7	
	X98390	95-47-6	o-Xylene	ND	mg / Kg	50	0.005		XG.1998.702-7	
	X98390		P/M-Xylenes	ND	mg / Kg	50	0.01		XG.1998.702-7	
	X98390	108-88-3	Toluene	ND	mg / Kg	50	0.005		XG.1998.702-7	
			Test: SW846 8015A Diesel Rang	ge Organics by GC/F	-ID					
9808179-01B	X98389	. :	Diesel Range Organics	1400	mg / Kg	25	25		XG.1998.699-14	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. ***





Chain of Custody Record

Project Manager / Contact _Jeff_Cross_

- Telephone No. (505) 774-6643

dress 2855 SouthSide River Rol. 578. A

ent - spache Corporation

ALBUQUEHQUE, NEW MEXICO 87109 (505) 245-8964

3332 WEDGEWOOD EL PASO, TEXAS 7992**5** (915) 593-6000

1910 N. BIG SPRING MIDLAND, TEXAS 7970S (915) 570-1116 MELOUIADES ALANIS 6411 LOCAL UNO ' CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

				1	-1	-;	,	—	 ,	,-	,							
Analysus Required		Remarks			-											Company		After analysis, samples are to be:
(500	Pour					_		 -			_		Dare O / O / O / O	000	11 14 16 16 16 16 16 16 16 16 16 16 16 16 16	1-(45	After anah
		of the number of the transfer	Time Sample Type / Size of Container Temb. Chemical	Ice 1										Signature J.M. A. BLOWN Signature J.M. P. BLENT		AAL	Hesson LOK I I WAS VAC	
	y State / ZipEarmington, NM 87401-7947	ifract / Purchase Order / Quote	Sample Number/Location Date	1A Aprel #153 Cell 8-17	15 Aprile #153 cell 817.								Date	10/15/5R		Y Aparly Color (als		

Stored over 30 days (additional fee)

Returned to customer

Returned to customer

Disposed of (additional fee) Stored (30 days max)

Comments:

of Shipment:

seructions: