State of New Mexico State of New Mexico

DEPUTE GILL& GAS INSECTOR Minerals and Natural Resources Department

Aztec, NM 87410 APR 1 0 1998

OIL CONSERVATION DIVISION 2040 S. PACHECO

Santa Fe, New Mexico 87505

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

PIT REMEDIATION AND CLOSURE REPORT

1111		· · · · · · · · · · · · · · · · · · ·						
Operator:	Apache Corporation			_Telephone	:	505-325-	0318	
Address:	2855 Southside River Road, S	Suite A, Fan	mington, N	M 87401				
Facility or	Well Name:	JAT 124	#4			· · · · · · · · · · · · · · · · · · ·		
Location:	Unit or Qtr/Qtr Sec	J	Sec 23	T 25 N	R 4W	_County	Rio Arriba	
Pit Type:	Separator:	Dehydrato	or	_Other	Blow Pit		-	
Land Type	e: Jicarilla Tribal				···· -			
	-	Length		<u>'</u> Width	24/	_		`
	Reference: Footage from reference:	Wellhead	X		-			
	Direction from referer ce:	·	100	_Degrees	XX	_East _West	North of South _	X
(vertical dista	s to seasonal evation of			Less than 50 feet to Greater th		t	(20 points) (10 points) (0 points)	0
(Less that domestic	Protection Area: n 200 feet from a private water source, or; less than from all other water sources)		_			Yes No	(20 points) _ (0 points) _	
(Horizontal	To Surface Water: al distance to perennial nds, rivers, streams, creeks, canals and ditches)				200 feet o 1000 feet nan 1000 fe		(20 points) (10 points) (0 points)	0
ga.ion				RANKING	SCORE (TOTAL PC	DINTS)	0

Date Remediation St	tarted:	9/28/95		_Date Cc	ompleted:		6/26/97
Remediation Method (Check all appropriate		Excavatio _	XXX	_Approx.	cubic yar	ds	140
sections)	Landfarmed	d .	XX	_Insitu Bi∈	ioremediat	tion	
		Other _					
Remediation Locatio (i.e. landfarmed onsite name and location of offsite facility)	e,	Onsite _	XX	_Offsite			
General Description	of Remedial Action:		Excavate p	<u>pit to 7', '</u>	took PID	readings.	
Spread so	oil on location for rem	nediation. T	Fook soil s	samples.			
	·						
							
Groundwater Encour	ntered:	No_	x	Υє	es	De _l	pth
Final Pit: Closure Sampling: (in multiple samples,	Sample location		j point compo	osite taken	from pit sid	ewalls and pit	t bottom center
attach sample results and diagram of sample locations and depths)	∍ Sample depth		3 to 10" int	to pit sid	ewalls 10	O" into pit bo	ottom
Countries with any many	Sample Date Sample results	_	12/15/95		Sample	Time	9:30 A.M.
	Benzene	(1	(ppm) _	NE	<u>D</u>		
	Total BTEX	(1	(ppm) _	NE	<u>D</u>		
	Field Headspace	(ì	(ppm) _	0.6	<u>6</u>		
	ТРН		~	580	0_		
Groundwater Sample:		Yes		No			ttach sample results)
HEREBY CERTIFY TO KNOWLEDGE AND BE	HAT THE INFORMAT ELIEF.	ION ABOVE	IS TRUE	AND CO	MPLETE	TO THE BE	EST OF MY
DATE	November 5, 1997	P	PRINTED NA	IAME	Jeff Cro	oss	
SIGNATURE JA	flun_	_	ND TITLE			Manager	

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JICARILLA APACHE TRIBE ENVIRONMENTAL PROTECTION OFFICE P. O. BOX 507 CULCE, NEW MEXICO 87528

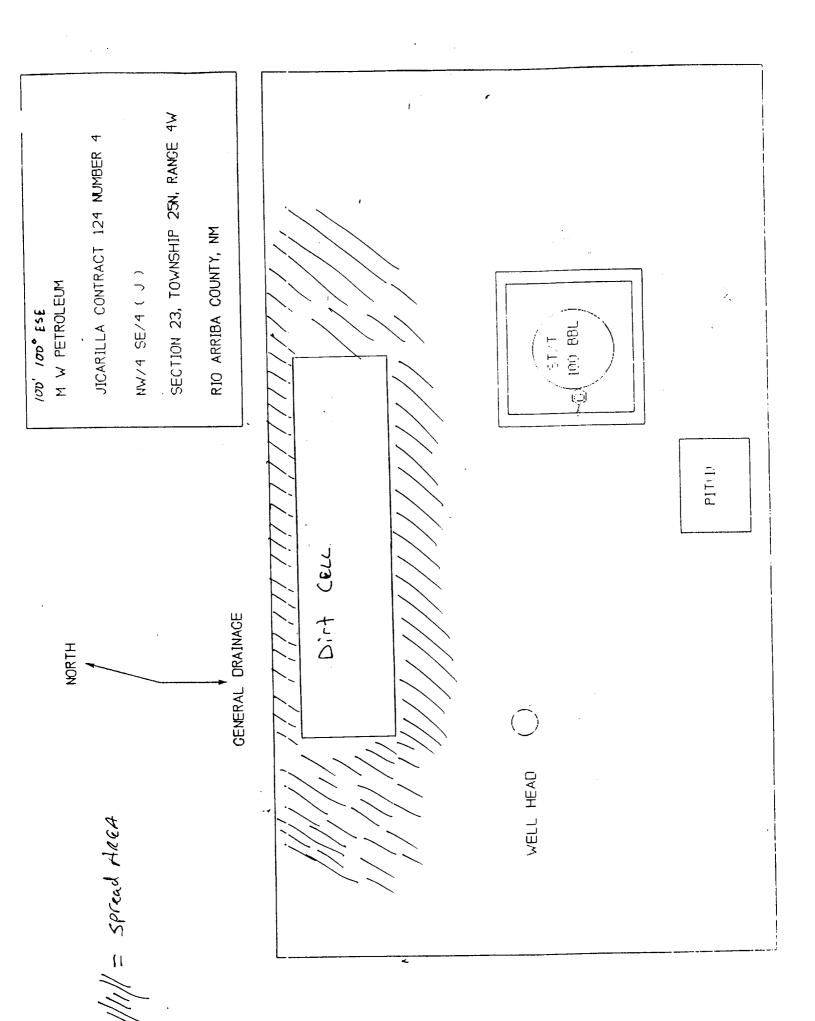
Submit 1 copy to Natural Resource Dept. and Oil & Gas Administration

PIT REMEDIATION AND CLOSURE REPORT

Operator:	M W	PETROLEUM			_Telephone	505-32	5-0318		
Address:	304	N. BEHREND, F	ARMING	TON, N.M.	84701				
Facility or We	ell Na	me:	JAT 124	- # 4					
Location:	Unit	or Qtr/Qtr Sec	J	SEC 23	T 25N	R 4W	County	RIO ARRIBA	
Pit Type:	Sepa	arator:	Dehydrato	or	_Other	BLOW PIT			
Land Type:		JIC. TRIBA	<u>L</u>						
Pit Location:		Pit Dimensions:	Lengt	h35'	Width	24'	Dep	th	
(Attach diagr	ram)	Reference:	V√ellhead	XXX	_Other				
		Footage from ref	erence:	100		-			
		Direction from re	ference:	100	Degrees	XX	East	North	
							West	South	X
Depth To G	roun	dwater:	<u> </u>		Less than	50 feet		(20 points)_	
(vertical distance					50 feet to			(10 points) (0 points)	
contaminants to high water eleva groundwater)		nal			Greater th	nan 100 feet		(o points)	
D'-4	E	nhomoral Stroam			Less than	100 feet		(10 points)	
	ent dr	phemeral Stream y wash greater tha				han 100 feet	:	(0 points)	0
Distance to	Mea	rest Lake, Playa,	or Wateri	na Pond:	Less thar	100 feet		(10 points)_	
(Downgradio	ent la	kes, playas and fe watering ponds)	^ ~ ~ ·		han 100 fee	t	(0 points)	0
			미	CEIV	VEW.	Va	_	(20 points)	
Wellhead P		et from a private	In(Ye: No		(0 points) _	0
	ater s	ource or less than	1	DEC 10	1997			_	
domestic wa	om al	i other water sour	cesi	COM					
domestic wa 1000 feet fr	OIII a			ाजाता. इ	Loce that	n 100 feet		(20 points)	
1000 feet fr Distance T	o Sui	face Water:		1.11 (F) (10°) (G)					
1000 feet fr Distance T (Horizontal	o Sui distar		ke	THE STUDY	100 feet	to 1000 feet than 1000 fe		(10 points)	

Date Remediation Star	ted: <u>9/28/9</u>	95	_Date Completed:	6/26/97	
Remediation Method:	E) cavation	XXX	_Approx. cubic yards	140	
(Check all appropriate sections)	Landfarme	d <u>XX</u>	_Insitu Bioremediatio	n	
	Other				
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)	: Onsi	te XX	_Offsite		
General Description o	f Remedial Action: E	excavate pit	to 7',took PID readi	ngs. spread soil on	
location	for remidiation. Too	k soil samp	les.		
Groundwater Encount	ered: I	No xxx	Yes	Depth	_
Final Pit: Closure Sampling: (in multiple samples,	Sample location	5 point c	omposite taken from p	oit sidewalls and pit botto	om center.
attach sample results and diagram of sample locations and depths)	Sample depth	8" to 10"	into pit side walls ,10		
Sample I Sample r		12/15/9	95 Sample	Time 9:30AM	1
Soil:	Benzene	(ppm)	ND Water:	Benzene (ppb)	NA
	Total BTEX	(ppm)	ND	Toluene (ppb)	NA
	Field Headspace	(ppm)	0.6	Ethylbenzene (ppb)	NA
	TPH	(ppm)	580	Total Xylenes (ppb)	NA
Groundwater Sample	:	Yes	No XXX	(If yes attach sampl	e results)
I HEREBY CERTIFY T KNOWLEDGE AND B		TION ABO	/E IS TRUE AND CO	MPLETE TO THE BES	T OF MY
DATE <u>8-</u>	22-97	PRINTE	D NAME	JEFF CROSS	<u> </u>
DATE 8-	fflus_	AND TI	TLE	PROJECT MANAG	ER
AFTER REVIEW OF THE JICARILLA APA	HE PIT CLOSURE I	NFORMATI	ON, PIT CLOSURE IS	S APPROVED IN ACCO	RDANCE TO
APPROVED: YE	:s_ <u>X</u>	NO	(REASON)		
SIGNED:	= C Wlan		DATE:	2-97	

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APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCA	TION:	J.A.T. 124 #4					EDO DEDDE	SENTATIVE	tcm
						;	DATE OF R	EVIEW: 12	
PIT C	OUNT:	1				•	Ditt Dor It.		1
	•			EXCAVATION	ON]	٦
DIM	ENSIONS	START				FINISH			
DIMI	W	L	D			W	L	D	CU.YDS.
PIT 1		35'	2.5	PIT 1		24'	35'	7'	140.0
PIT 2	24			PIT 2					<u> </u>
PIT 3				PIT 3				<u> </u>	I name o
	E: 09/28/95	PIT1@07'	PIT2()	' PIT3@'	DA		PIT1@'	PIT2@'	PIT3@'
<i></i>	CENTER	40.8				CENTER			
P.	NW CORNER	58.1] P.	NW CORNER			
I.	NE CORNER	2.7			I.	NE CORNER			
D.	SW CORNER	78.4] D.	SW CORNER			
D.	SECORNER	1.0				SE CORNER		<u> </u>	<u> </u>
NOTI									
		Staining to 3.5	'. No ocor.						
	07/20/75								
 									
				SOIL SAME				DED LAR.	ASSAIGAI
DAT	E: 09/28/95	PIT1@07'	PIT2 @_	SOIL SAME	AN	ALYSIS RESU		PER LAB:	ASSAIGAI
	CENTER	40.8			AN PIT	ALYSIS RESU	ULTS BETEX	PER LAB:	ASSAIGAI DATE
		40.8 58.1			AN PIT NO	ALYSIS RESU TPH	BETEX	WITNESS	DATE
	CENTER	40.8 58.1 2.7			PIT NO 1	ALYSIS RESU			
P.	CENTER NW CORNER	40.8 58.1			PIT NO 1 2	ALYSIS RESU TPH	BETEX	WITNESS	DATE
P. I.	CENTER NW CORNER NE CORNER	40.8 58.1 2.7		' PIT3@'	PIT NO 1 2 3	ALYSIS RESU	BETEX	WITNESS	DATE
P. I.	CENTER NW CORNER NE CORNER SW CORNER	40.8 58.1 2.7 78.4 1.0	RE-SAMI	PIT3@ PLE OR CELL	PIT NO 1 2 3 (S) S/	ALYSIS RESU TPH ND ND	ND ND	WITNESS IF&S	09/28/95
P. I. D.	CENTER NW CORNER NE CORNER SW CORNER SE CORNER	40.8 58.1 2.7 78.4 1.0 PIT1@07'	RE-SAMF	' PIT3@'	AN PIT NO 1 2 3 (S) SA AN	ALYSIS RESU TPH ND AMPLE ALYSIS RESU	BETEX ND ND ULTS	WITNESS IF&S PER LAB:	DATE 09/28/95 ASSAIGAI
P. I. D.	CENTER NW CORNER NE CORNER SW CORNER	40.8 58.1 2.7 78.4 1.0 PIT1@07' 0.6	RE-SAMF	PIT3@ PLE OR CELL	AN PIT NO 1 2 3 (S) SA PIT	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH	ND ND	WITNESS IF&S	09/28/95
P. I. D.	CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95	40.8 58.1 2.7 78.4 1.0 PIT1@07' 0.6 1.6	RE-SAMF	PIT3@ PLE OR CELL	AN PIT NO 1 2 3 3 (S) SA PIT NO NO NO NO NO NO NO N	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH	ND JLTS BETEX	WITNESS IF&S PER LAB: WITNESS	DATE 09/28/95 ASSAIGAI DATE
P. I. D.	CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER	9171@07' 0.6 0.6	RE-SAMF	PIT3@ PLE OR CELL	AN PIT NO 1 2 3 (S) SA PIT NO 1 NO 1	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH	BETEX ND ND ULTS	WITNESS IF&S PER LAB:	DATE 09/28/95 ASSAIGAI
P. I. D.	CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER	9171@07* PIT1@07* 0.66 1.60	RE-SAMF	PIT3@ PLE OR CELL	AN PIT NO 1 2 3 (S) SA PIT NO 1 1 2 1 1 1 2 1 1 2 1 1	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH	ND JLTS BETEX	WITNESS IF&S PER LAB: WITNESS	DATE 09/28/95 ASSAIGAI DATE
P. I. D.	CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER	9171@07' 0.6 0.6	RE-SAME PIT2@	PIT3@' PIT3@' PIT3@'	AN PIT NO 1 2 3 (S) SA PIT NO 1 2 3 1 1 2 3 3 3 3 3 3 3 3 3	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH	ND JLTS BETEX	WITNESS IF&S PER LAB: WITNESS	DATE 09/28/95 ASSAIGAI DATE
P. I. D.	CENTER NW CORNER SE CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER SW CORNER	91.00 PIT1@07' 0.60 0.60 0.00	RE-SAMF PIT2@	PIT3@, PLE OR CELL PIT3@	AN PIT NO 1 2 3 (S) SA PIT NO 1 2 3 (S) SA (S)	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH .	DLTS BETEX	PER LAB: WITNESS JDT	DATE 09/28/95 ASSAIGAI DATE
P. I. D.	CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER SW CORNER SW CORNER	91.00 PIT1@07' 0.60 0.60 0.00	RE-SAME PIT2@	PIT3@' PIT3@' PIT3@'	AN PIT NO 1 2 3 (S) SA AN (S) SA (S) (S)	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH	DLTS BETEX JLTS JLTS	PER LAB: JDT PER LAB:	O9/28/95 ASSAIGAI DATE 12/15/95
P. I. D.	CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER SW CORNER SW CORNER	9171@07' 0.6 0.6 0.0 0.2	RE-SAMF PIT2@	PIT3@, PLE OR CELL PIT3@	AN PIT NO 1 2 3 (S) SA PIT 2 3 (S) SA AN PIT	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH AMPLE ALYSIS RESU TPH TPH	DLTS BETEX	PER LAB: WITNESS JDT	DATE 09/28/95 ASSAIGAI DATE
P. I. D.	CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER	40.8 58.1 2.7 78.4 1.0 PIT1@07' 0.6 0.6 0.0 0.2 PIT 1	RE-SAMF PIT2@	PIT3@, PLE OR CELL PIT3@	AN PIT NO 1 2 3 (S) SA AN (S) SA (S) (S)	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH AMPLE ALYSIS RESU TPH TPH	DLTS BETEX JLTS JLTS	PER LAB: JDT PER LAB:	O9/28/95 ASSAIGAI DATE 12/15/95
P. I. D. DAT	CENTER NW CORNER SE CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER SE CORNER E: CENTER	40.8 58.1 2.7 78.4 1.0 PIT1@07' 0.6 0.6 0.0 0.2 PIT 1	RE-SAMF PIT2@	PIT3@, PLE OR CELL PIT3@	AN PIT NO 1 2 3 (S) SA PIT NO 1 2 3 (S) SA PIT NO 1 NO	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH AMPLE ALYSIS RESU TPH TPH	DLTS BETEX JLTS JLTS	PER LAB: JDT PER LAB:	O9/28/95 ASSAIGAI DATE 12/15/95
P. I. D. DAT P. I. D.	CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: CENTER NW CORNER	40.8 58.1 2.7 78.4 1.0 PIT1@07' 0.6 0.6 0.0 0.2 PIT 1	RE-SAMF PIT2@	PIT3@, PLE OR CELL PIT3@	AN PIT NO 1 2 3 (S) SA NO PIT NO 1 2 3 (S) SA PIT NO PIT PIT NO PIT PIT	ALYSIS RESU TPH ND AMPLE ALYSIS RESU TPH	DLTS BETEX JLTS JLTS	PER LAB: JDT PER LAB:	O9/28/95 ASSAIGAI DATE 12/15/95

JICARILLA APACHE TRIBAL EPO

REVIEW AND APPROVAL

iD: 9512196-09A

Collected: 12/15/95 11:30:00

j ID: 9512196-09A Sample ID: JiC. A-118#16-H		Matrix: SC				
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
TEX/SW846 8020A O-Xylene	ND	mg/Kg	0.0010	100	12/28/95	SBTXME098
Cab ID: 9512196-09B Sample ID: JiC. A-118#16-H		Collected: Matrix: SO		5 11	:30:00	
rest / method	RESULT	UNITS	LIMIT	D_F	DATE	BATCH_ID
ICs DIESEL/CAL DHS 8015M Diesel ICs DSL XT/CAL DHS 8015M	820* .2/22/95	mg/Kg N/A	5.0	250	01/03/96	SLFTD058
Lab ID: 9512196-10A Sample ID: J.A.T. 124#4		Collected: Matrix: SO		95 09	:30:00	
rest / Method	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
ZX/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	100 100 100 100 100	12/28/95 12/28/95 12/28/95 12/28/95 12/28/95 12/28/95	SBTXME098 SBTXME098 SBTXME098 SBTXME098 SBTXME098
Lab ID: 9512196-10B Sample ID: J.A.T. 124#4		Collected: Matrix: So		95 09	:30:00	
rest / method	RESULT	UNITS	LIMIT	D_ F	DATE	BATCH_ID
ICs DIESEL/CAL DHS 8015M Diesel ICs DSL XT/CAL DHS 8015M	580 12/22/95	mg/Kg N/A	5.0	50	01/03/96	SLFTD058
Lab ID: 9512196-11A Sample ID: AP #155-C		Collected: Matrix: S		95 16	:25:00	
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A Benzene Toluene ylbenzene . &m-Xylene O-Xylene	ND ND 0.13 0.28 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	12/28/95 12/28/95 12/28/95 12/28/95 12/28/95	SBTXME098 SBTXME098 SBTXME098 SBTXME098 SBTXME098

Client

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7300 JEFFERSON, N.E. BUQUERQUE, NEW MEXICO 87	2
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3332 WEDGEWOOD EL PASO, TEXAS 78925 (915) 593-6000

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

MELOUIADES ALANIS
6411 LOCAL UNO
610DAD JUAREZ, CHIHUAHUA MEXICO 32320

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EZ, CHIHUAHUA MEXICO			100			1 1			1 9 8 7 9 8 7 1 1 1						1,2	44	1	Round	aura M (, CAN	Resson That In the State of	0.00	damon Test		days (admonal Net	retorner () The	· ·
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									,									Date	1/01			After					
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John	325-0318	325 0328	i		-		/A55											Relinquished by	Printed 6	Company	Resson 7					Ĭ	COURIER /
Project Manager / Contact _	Telephone No. (575)	(505)	Samolers: (Slaneture)		· · · · · · · · · · · · · · · · · · ·	Type / Size of Container	402 (31											A Mex	5 Chant								
Project	Telepho	8740L Fax No.	Samole			TIME Type	1:00 00:11	/ 03://	01:1/	01:11	11:30	1.30	9:30	9:30				Received by:	Signature A Nin	A	Reason Lesting		Comments:			*	
11.00)	77	<	1/100	1		And the table for the	12/15											Date Rec		Time			8				
CLEPORALCE	address 204 N 159 hpring	MIRG 1000	P. J. Pamadintien	1	er / Quote	AAA COOK CANDED TAKEN TO THE CONTROL OF THE COOK CANDED TO THE COOK CA	J.C. A-118#19-1-1	J.C.A-115 # 19. 11	J. 61 811 - C	J.C. N-118# 19-C	H-91 # 311. N. J.C.	J.C. A. 1184 16 - H	P# 170	12:14					Joys ?								
Client 1/01/01/6	304 1	City / State / Zip	Project Name / Number		Contract / Purchase Order / Quote	dura Maria	A Jic. A.		J.C. 7	J.C. N-								linquished by:	ignature Sect 1) uclink	755	D Tresting		hipment:	0.	ructions:		
Slient	Address	City / Sta	Project N		Contract	FRACTION		a	700		20	5	40	0				linquished by:	ignature 2	ompany 7FS	eason Z		lethod of Shipment:	hipment No.	peclai instructions:		

JICARILLA APACHE TRIBE ENVIRONMENTAL PROTECTION OFFICE P. O. BOX 507 [JULCE, NEW MEXICO 87528

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

ON-SITE SOIL REMEDIATION REPORT

Operator: M W PETROLEUM		Telephone	505-325-0318
Address:304 N. BEHF	END, FARMINGTON	N , N.M. 87401	
Facility or Well Name:	AT 124 - # 4		
Location: Unit or Qtr/Qtr Sec _	J Sec 23	T 25N R 4W	County RIO ARRIBA
Land Type JIC. TRIBAL			
Date Remediation Started:	9/28/95	Date Completed:	6/26/97
Remediation Method: Landfarmed	XXX	Approx. cubic yards	140
Composted		-	
Other			
Depth to Groundwater:	(pts)0	Final Clo	osure Sampling
Distance to an Ephemeral Stream:	(pts)0	Sampling Date:	6/26/97Time:4:30PM
Distance to Nearest Lake, Playa, or Watering Pond:	(pts) 0	Sample Results:	0
Wellhead Protection Area:	(pts) 0	Field Headspace (ppm) TPH (ppn	
Distance To Surface Water:	(pts)0		SW846 , 8020A (ND)
RANKING SCORE (TOTAL POINTS	0	Other BIEX 1	SVV040 , 0020/ (110)
THEREBY CERTIFY THAT THE INF KNOWLEDGE AND BELIEF	ORMATION ABOVE	IS TRUE AND COMP	PLETE TO THE BEST OF MY
DATE: 8-22-97	PRINTED	NAME	JEFF CROSS
SIGNATURE LESS CLO	ろTITLE	PROJEC	CT MANAGER
AFTER REVIEW OF THE SOIL REN ACCORDANCE TO THE JICARILLA	EDIATION INFORM APACHE TRIBE PIT	IATION. ON-SITE RE CLOSURE ORDINA	EMEDIATION IS APPROVED IN INCE.
APPROVED: YES	NO	_(REASON)	
SIGNED: Lauc. M	DATE:	9-7-91	7

M W PETROLEUM/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE	JAT 124-#4			
* AMOUNT OF SOIL UNDERGO	NG REMEDIATION	140	Yds.	
		SampDATE	TPH	BTEX
CELL No. 1		6/26/97	ND	ND
DIMENSIONS(LxWxH) 10C'	L X 25' W X 18" H			
CELL LOCATION (dir. from well head	NORTH			
* DATE BEGAN: 9/28/95				
DATE TERMINATED (TPH <5,000 ppm	n/BTEX< 50 ppm/Benzene < 10 ppm	6/26/97		_
		SampDATE	TPH	BTEX
CELL No. 2				
DIMENSIONS(LxWxH)				
CELL LOCATION (dir. from well head				
* DATE BEGAN:				<u> </u>
DATE TERMINATED (TPH <5,000 pr	n/BTEX< 50 ppm/Benzene < 10 ppm	1)		_
		SampDATE	TPH	BTEX
CELL No. 3				
DIMENSIONS(LxWxH)				
CELL LOCATION (dir. from well head				
* DATE BEGAN:				
DATE TERMINATED (TPH <5,000 ppr	n/BTEX< 50 ppm/Benzene < 10 ppn	n)		-
REMEDIATION RECORD: (Date, Trea	tment, Tilling)			
5/10/97 TREAT WITH 46-0-0 FERTILIZ	ZER , WATER AND TILL CELL.			
5/30/97 TILL CELL.				
6/24/97 WATER AND TILL CELL.				
1				

From excavation reports.

= SAMPLE AREA 0.0 ppm. 12 point composite Sample ALL SAMPLES TAKEN 10" TO 12" INTO CELL DIO composite Reading 100'Lx 25'Wx18"H JAT 124 #4 (6-26-97 SAMPLE DATE: WELL NAME: DIMENSIONS: NOTES:



ASSAIGAI ANALYTICAL LABORATORIES, INC.

JUL 2 1 1997

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:

July 7, 1997 16:25

CERTIFICATE OF ANALYSIS **RESULTS BY SAMPLE**

SENT APACHE CORPORATION

TO: 304 N. BEHREND

FARMINGTON, NM 87401

WORK ID

WORKORDER # : 9706289

: JICARILLA PIT CLOSURES

CLIENT CODE

: APA01

DATE RECEIVED : 06/27/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9706289-01A Sample ID: 124 #4 CELL

Collected: 06/26/97 16:30:00

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 ND ND ND ND	mg/kg mg/kg mg/kg mg/kg mg/kg	0.0050 0.0050 0.0050 0.010 0.0050	100 100 100 100 100	06/30/97 06/30/97 06/30/97 06/30/97 06/30/97	SBTXME173 SBTXME173 SBTXME173 SBTXME173 SBTXME173

J ID: 9706289-01B Sample ID: 124 #4 CELL

Collected: 06/26/97 16:30:00

Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Diesel Range OG Soil/M8015 Diesel Range OG in Soil	ND	mg/Kg	50	25	07/01/97	SDRO39

lliam P. Biava

President



WORKORDER COMMENTS

DATE

: 07/07/97

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



Contract / Purchase Order / Quote

FRACTION

Fleid Sample Number / Location

0

Time

Sample

12444 cell 134 the Cell

6-26-57 45.30

200

1.50 01.10 16.77-7

Project Name / NumberJICARILLA_PIT_CLOSURES

City/State/ZipEarmington, NM 87401

Address 304 N.

Behrend

Client Apache Corporation

Unain of Custody Hecord

Project Manager / Contact .. Je F 두 - C F 0 영영

P.9.

ALBUQUERQUE, NEW MEXICO 87109 (505) 345-8964

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

	(913) 593-6000	. FASU. FEXAS 79925
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MELQUIADES ALANIS 6411 LOCAL UNO CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

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Reason

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