Jicarilla Apache Tribe Environmental Protection Office P.O. Box 507 Dulce, New Mexico 87528

Pit Remediation and Closure Report

Operator: 3 -	TECH	Telephone: (7/3	821-710	S 50		
Address: 77	7 WALKER SUITE	2400 HOUSTON				
Facility or Well	Name: APACHE FEDE	RAL# 11 PIT.		12.2		
Location: Unit or Qtr/QTR Sec \(\Sec \) \) \) \)						
Pit Type:	Separator: V Dehydr					
Land Type:	Range					
Pit Location:	Pit dimensions: length:	10 width: 10 de	epth: 2			
(Attach Diagrar	n)					
	Reference: wellhea	d: other:				
Footag	ge from reference: 91					
Direction	on from reference: 5 N	Degrees 242 E	ast North			
			of			
		W	est South			
Depth To Grou		Less than 50 feet	(20 points)			
(Vertical distant	ce from	50 feet to 99 feet	(10 points)			
contaminants to	o seasonal	Greater than 100 feet	(0 points)	උ		
high water elev	ations of		· · · · · · · · · · · · · · · · · · ·			
groundwater)						
	Ephemeral Stream:	Less than 100 feet	(10 points)			
(Downgradient	dry wash greater than	Greater than 100 feet	(0 points)			
ten feet in width	ר)					
l I	arest Lake, Playa, or Wate	-	(10 points)			
ł I	adient lakes, playas, and	Greater Than 100 feet	(0 points)	0		
livestock or wild	dlife watering ponds)					
)A/allbaad Dash						
Wellhead Prote		Yes	(20 points)			
11	feet from a private	No	(0 points)	0		
t i	source, or less than					
1000 feet from	all other water sources)			ĺ		
Distance Te C						
Distance To Su		Less than 100 feet	(20 points)			
11	ance to perennial	100 feet to 1000 feet	(10 points)			
I.	ivers, streams, creeks,	Greater than 1000 feet	(0 points)	0		
irrigation canal	s and ditches.)					
L		RANKING SCORE (TO	TAL SCORE)	0		



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Date Remediation Started: 5/	4/00	Data Carrelat	
Remediation Method:	Excavation:	Date Completed	······································
(Check all appropriate	Landfarmed:		Approx. cubic yards: 113
sections)	Other:	L,F.#	Insitu Bioremediation:
Remediation Location:			-
(Le landfarmed on site	On-site:		Off-site:
name and location of	F. # 11 P	OIT D	
off site location)	TJ SEC	. 8 , T24 M	
General Description of Remedial	Action:	, , , , 241	J
	Action. OFFSI	TE COMME	RCIAL LANDFARMING
Groundwater Encountered:	No: V	Yes:	Depth:
Final Pit	Sample location		Берит.
Closure Sampling:	In FST WAL	NOK 1 +1 , 300	UTH, EAST, AND
(If multiple samples,	GRAB.	-compo	SITE, BOTTOM
attach sample results	91.67(0)		
and diagram of sample	Sample depth:	10	
locations and depths.)	Sample date:	5/6/00	Completi
Sample Results		2/6/00	Sample time: 3:08 pm
Şoll:			186-4
Benzene (ppm)		-	Water:
Total BTEX (ppm)		-	Benzene (ppb)
Field Headspace (ppm)		- ?∧∧ □•	Toluene (ppb)
TPH (ppm)	B.G-52		hylbenzene (ppb)
Groundwater Sample:	Yes:	$\rho \rho \sim 10$	otal Xylenes (ppb)
(If yes, attach sample results.)		•	No:
HEREBY CERTIFY THAT TH	IE INFORMATIO	ON ABOVE IS T	RUE AND COMPLETE TO
THE BEST OF MY KNOWLED	GE AND BELIE	F	. TOE / THE COMPLETE TO
DATE / 000			
DATE: 6-8-00			
SIGNATURE A	,		
SIGNATURE: Jason Se	mpson	AND TITLE: /	FOREMANI
AFTER REVIEW OF THE PIT	CLOSURE INFO	DRMATION PIT	CLOSURE IS APPROVED
N ACCORDANCE TO THE JIC	CARILLA APACI	HE TRIBE PIT (CLOSURE ORDINANCE
APPROVED: Yes:	No:	(Reason)	
SIGNED:	$\frac{1}{2}$	h	
DIGINED. Tem (V/ and	4	DATE: 6-19-00

imm - Guiş * December 1989;	UNITE DEPARTMENT BUREAU OF LA	FORM APPROVED Budget Bureau No. 1004-0175 Expires September 30, 1990			
Do not u	ase this form for proposals to dr	ND REPORTS ON WELLS nill, deepen or reentry to a different reservoir OR PERMIT* for such proposals	5 Lease Designation and Senai No 6 If Indian, Allottee of Tribe Name TICARILLA APACHE		
	SUBMIT IN TRIP	LICATE	7. If Unit or CA. Agm. Design		
pe of Well	oil well				
Name of Operator 3	-TECH		8 Well Name and No		
Address of Operator 7	77 WALKER SULT	2400 HOUSTON TX 7700	APACHE FED # 11 PIT		
			a 9 API Well No		
JN 17 3,	SEC. 8, T2	24 N, R5W	10 Field & Pool/Exploration Area		
			II. County or Pansh, State RIO ARRIBA		
CTI	CV APPROPRIATE BOX(s)	TO DEDICE			
'VDL OF OUR		TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA		
		TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA		
	MISSION ce of Intent		ORT, OR OTHER DATA ACTION		
Note	ee of Intent	TYPE OF Abandonment	ORT, OR OTHER DATA ACTION Change of Plans		
Note		TYPE Of Abandonment Recompletion	ORT, OR OTHER DATA ACTION Change of Plans New Construction		
Note	ee of Intent	TYPE Of Abandonment Recompletion Plugging Back	ORT, OR OTHER DATA ACTION Change of Plans		
Note	ee of Intent equent Report	TYPE Of Abandonment Recompletion Plugging Back Casing Repair	ORT, OR OTHER DATA ACTION Change of Plans New Construction		
Note	ee of Intent	TYPE Of Abandonment Recompletion Plugging Back	ORT, OR OTHER DATA ACTION Change of Plans New Construction Non-Routine Fracturing Water Shut-Off		
Nota	ee of Intent equent Report	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PIT CLO	ORT, OR OTHER DATA Change of Plans New Construction Non-Routing Fracturing Water Shut-Off Conversion to Injection SURE		
Note Subs Final	equent Report Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PIT CLO (Note: Report resu	ORT, OR OTHER DATA ACTION Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection SURE		
Note Subs Final	Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PIT CLO (Note: Report resu Completion or Reco	ORT, OR OTHER DATA Change of Plans New Construction Non-Routing Fracturing Water Shut-Off Conversion to injection SURE Its of multiple completion on Well completion Report and Loss from the		
Subs Final	COMPLETED OPERATION Twell is directionally dulle	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PIT CLO (Note: Report resu Completion or Recompletion or Recompleti	ORT, OR OTHER DATA ACTION Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to injection SURE Its of multiple completion on Well empletion Report and Log form 1 page pertinent dates, including estimated date of		
Subs Final Dr SCRIBE PROPOSED acting any proposed work pertainent to this work proposed.	Abandonment Notice OR COMPLETED OPERATION Twell is directionally drille	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PIT CLO (Note: Report resu Completion or Rex HONS (Clearly state all pertunent details, and good, give subsurface locations and measured and	ORT, OR OTHER DATA Change of Plans New Construction Non-Routing Fracturing Water Shut-Off Conversion to injection SURE Its of multiple completion on Well completion Report and Log form 1 The pertinent dates, including estimated date of the vertical depths for all markers and zones		
Subs Final Proceeding any proposed work permient to this work procedure.	Abandonment Notice OR COMPLETED OPERATION Twell is directionally drille	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PIT CLO (Note: Report resu Completion or Rex HONS (Clearly state all pertunent details, and good, give subsurface locations and measured and	ORT, OR OTHER DATA Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to injection SURE Its of multiple completion on Well completion Report and Log form 1 The pertinent dates, including estimated date of three vertical depths for all markers and zones		
Subs Final Subs Final Subs Final Subs Final Country any proposed wor pertinent to this work)* TO LOW WAS MAS	Abandonment Notice OR COMPLETED OPERATION Twell is directionally drille EXCAVATION OWMAN	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PIT CLO (Note: Report resu Completion or Recompletion Recompletion Altering Casing Other PIT CLO (Note: Report results) Completion Recompletion Altering Casing Completion Altering Casing Completion Recompletion Recompletion Altering Casing Completion Recompletion Recompletion Altering Casing Completion Recompletion Recomp	ORT, OR OTHER DATA Change of Plans New Construction Non-Routing Fracturing Water Shut-(h)' Conversion to injection SURE Its of multiple completion on Well completion Report and Log form:) The pertinent dates, including estimated date of time vertical depths for all markers and zones SIGNAL EXCAUATION		
Subs Subs Final Subs Final Subs Final Subs Final Country any proposed wor pertinent to this work in the subsection of the subsect	Abandonment Notice OR COMPLETED OPERATION Twell is directionally drille EXCAVATION OWMAN	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other PIT CLO (Note: Report resu Completion or Recompletion Recompletion Altering Casing Other PIT CLO (Note: Report results) Completion Recompletion Altering Casing Completion Altering Casing Completion Recompletion Recompletion Altering Casing Completion Recompletion Recompletion Altering Casing Completion Recompletion Recomp	ORT, OR OTHER DATA ACTION Change of Plans New Construction Non-Routing Fracturing Water Shut-Off Conversion to injection SURE Its of multiple completion on Well Impletion Report and Log form 1 The pertinent dates, including estimated date of three vertical depths for all markers and constructions.		

HAULED OFF TO LANDFARM # 1

Signed Jane Jumpson Title: FOREMAN Date 6-8-00

Approved by Title Date Conditions of approval. If any

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

	Pit Profile: North to South:	Location APACHE FEDERAL # 11 PIT 2 Quad UNIT J Section 8 Range S W Township 24 N Pit SEPERATOR Sample # Location OVM Reference : UELLHEAD 1
PIT,	Pit Profile : East to West	Overview of Location and Sampling A = WHAT WALL B = NEATH WALL C = EAST WALL B = BOTTON GRAD E = BOTTON GRAD CHART HOWE SAMPLE SAMPLE

OFF (505) 325-5667 FAX. (505) 327-1496



LAB: (505) 325-1556 FAX: (505) 327-1496

ANALYTICAL REPORT

Date: 05-Jun-96

Client: Acme. Inc. Work Order: 0005028

0005028 0005028-19A

Matrix: SOIL

Lab ID:

Project:

Apache Federal Pits

Client Sample Info: Apache Federa. #11 Client Sample ID: Pit 2 Wall Composite Collection Date: 5.6/2000 3 08:00 PM

COC Record: 10525

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	SV	V8015B			Analyst: D M
T R Hydrocarbons: C10-C28	11	25	mg/Kg	1	5'23/2000
GASOLINE RANGE ORGANICS	SV	V8015B			Analyst: DM
TR Hydrocarbons: C6-C10	4.1	0.9	mg/Kg	5	5:17/2000

Qualifiers:

PQL - fractice. Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

1 - Analyte detected below Practical Quantitation Limit.

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery imits

R - RPD outside accepted recovery E(mts)

E - Value above quantitation range

Sum: - Surrogate

190-22



OFF (505) 325-5667 FAλ. (505) 327-1496

LAB: (505) 325-1556 FAX: (505) 327-1496

ANALYTICAL REPORT

Date: 03-Jun-in.

Client: Acme, Inc Work Order: 0005028

Lab ID: 0005028-20A Matrix: SOIL

Project: Apache Federal Pits

Client Sample Info: Apache Federal #11
Client Sample ID: Pit 2 Bottom Grab
Collection Date: 5 6 2000 3:05:00 PM

COC Record: 10525

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS TR Hydrocarbons: C10-C28 GASOLINE RANGE ORGANICS	52	SW8015B 25 SW8015B	mg/Kg	1	Analyst: DM 5/23/2000
TR Hydrocarbons: C6-C10	0.69	0.18	mg/Kg	1	Analyst: DM 5/~7/2000

Qualifiers: PQL - Practical Quantitation Limit

ND - Not Detected at Praetical Quantitation Limit

F- Analyse detected below Practical Quantitation Limit

is - Alsalyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr - Surrogate

27-9-22