District III

1000 Rio Blazos Ref Energy, Minerals

Aztec, NN 874107 VOL. 8 SAS INSPECTOR

State of New Mexico
Energy, Minerals and Natural Resources Department

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

FEB 0 8 1999

OIL CONSERVATION DIVISION 2040 S. PACHECO Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

	HAMVOVEN_					. (1	-	
operator:	Apache Corporation			Telephone:	(† <u>!</u>	505-325-0	318	
\ddress:	2855 Southside River Road, Su	iite A, Farm	ington, NN	87401				
acility or	Well Name:	APACHE '	131					
_ocation:	Unit or Qtr/Qtr Sec	C	Sec 4	T 24 N	R 4W	County	Rio Arriba	
Pit Type:	Separator:	_Dehydrato	r	_Other _	Tank Drain			
Land Type	e: Jicarilla Tribal							
	Beginning Pit Dimensions:	Length	16	• Width	20'	Dept	4'	
Pit Location		Length	22	.' Width	18'	Dept	h <u>7'</u>	
(Attach d	iagram) Reference:	Wellhead	XXX	_Other				
	Footage from reference:		110)'				
	Direction from reference:		104	Degrees	X	East	North _	
						_West	South _	X
(vertical di contamina	o Groundwater: stance from nts to seasonal elevation of			Less than 50 feet to 9 Greater th			(20 points) _ (10 points) _ (0 points) _	
groundwat Wellhea (Less th domesti				·		Yes No	(20 points) _ (0 points) _	0
(Horizo lakes, p	ce To Surface Water: ntal distance to perennial ponds, rivers, streams, creeks, on canals and ditches)			Greater th	200 feet o 1000 feet nan 1000 fe S SCORE (et	(20 points) (10 points) (0 points)	

Remediation Method:						
Check all appropriate		Excavation	xxx	Approx. cubi	c yards	103
sections)	Landfarmed		XX	Insitu Biorem	nediation	
		Other				
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)		Onsite	XX	Offsite _		
General Description of Re					k PID readings. Back	
clean soil. Ren	nediated soil to	be spread	on location	n. Spread so	il on location for ren	nediation.
Took soil samp	les					
Groundwater Encountere	d:	No	X	Yes_	Depth	
Final Pit: Sar	mple location		5 point con	nposite sample	taken from pit sidewalls a	nd pit
Closure Sampling: (in multiple samples,			bottom cen	iter.		
attach sample results and diagram of sample	Sample depth	7'	8 to 10" i	nto pit sidew	alls 10" into pit botto	om
locations and depths)	mple Date		11/6/9		Sample Time	1:00 PM
	mple results					
Ве	nzene		(ppm)	ND		
To	tal BTEX		(ppm)	ND		
Fie	eld Headspace		(ppm)	ND		
TP	РН			810		
Groundwater Sample:		Ye		No		ach sample results)
I HEREBY CERTIFY THA KNOWLEDGE AND BELI		ATION ABO	VE IS TRU	JE AND COM	PLETE TO THE BES	T OF MY
DATE	December 1, 199	8	_PRINTE	D NAME	Jeff Cross	
	11 lun		AND TIT	1 F	Project Manager	

τ

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

				_				
perator:	APACHE CORPORATI	ON	Teleph	Telephone 505-325-0318				
\ddress:	2855 Southside River F	Road, Suite A, Fa	rmington, NM	87401				
acility or W	'ell Name:	APACHE # 131						
_ocation:	Unit or Qtr/Qtr Sec	C SE	C4 T241	N R4W	_County	Rio Arriba		
Pit Type:	Separator:Dehydrator		Other	TANK DI	RAIN			
Land Type:	Jicarilla Tribal							
Pit Location:		Length	22' V	Vidth18'	Dep	oth7'		
(Attach diag	Reference:	Wellhead	XX Other					
	Footage from ref	erence:	110'					
	Direction from re	ference:	104 Degre	ees XX	East	North _		
					West	South _	X	
Donath To C	roundwater:		Less	than 50 feet		(20 points)		
(vertical distance				et to 99 feet		(10 points)		
contaminants to high water elevingroundwater)	o seasonal		Grea	ter than 100 fe	et	(0 points) _	00	
D: 4 4-	an Enhamoral Stroam		Less	than 100 feet		(10 points)		
Distance to (Downgradi ten feet in v	o an Ephemeral Stream: ent dry wash greater tha width	n		ter than 100 fe	eet	(0 points)	0	
D: 4	- Name of Lake Plays 6	r Watering Pond	ı· Less	than 100 feet		(10 points)		
(Downgradi	o Nearest Lake, Playa, o ient lakes, playas and r wildlife watering ponds)			ater than 100 f	eet	(0 points)	0	
	Protection Area:			١	'es	(20 points)		
	200 feet from a private				No	(0 points)	0	
domestic w	vater source, or less than from all other water source							
Dietenes T	Го Surface Water:		Less	s than 100 feet		(20 points)		
	I distance to perennial		100	feet to 1000 fe	et	(10 points)		
	ds, rivers, streams, creel	KS,	Grea	ater than 1000	feet	(0 points)	0_	
	anals and ditches)		RAN	NKING SCORE	(TOTAL	POINTS)	0_	

Date Remedi	ation Start	ed:	12/14/95		Date Com	pleted:		11/6/96	
Remediation	Method:		Excavation	XXX	_Approx. cu	bic yards		103	
(Check all apposections)	propriate	Lan	dfarmed	XX	Insitu Bioremediation				
,			Other		-				
Remediation	Location		•	XX	Offsite				
(i.e. landfarm	ed onsite,		Onsite .						
name and loc offsite facility									
General Desc	cription of	Remedial Act L PIT WITH C	tion:	DEMEDIA				D READING	S.
		SOIL ON LOC							
Groundwate	r Encounte	ered:	No	X	_ Yes		_ Depth		
Final Dite		Sample local	tion	5 point com	nosite take	n from nit	sidewalls a	nd pit bottom	center.
Final Pit: Closure Sam (in multiple sa	amples,	Sample loca		5 point con	iposite take	ii iioiii pic	Sidewallo , d	na pre sociali	
_	of sample	Sample dept	h	7'	_				
locations and	depths) Sample Da Sample re			11/6/96		_Sample 1	li <u>me</u>	1:00PM	
	Soil:	Benzene		(ppm)	ND	_Water:	Benzene	(ppb)	NA
		Total BTEX		(ppm)	ND	_	Toluene	(ppb)	NA
		Field Heads	oace	(ppm)	ND	_ E1	thylbenzene	(ppb)	NA
		TPH		(ppm)	810	Т	otal Xylenes	(ppb)	NA
Groundwate	r Sample:		Yes		_ No	<u> </u>	(If yes atta	ach sample re	esults)
		IAT THE INFO	RMATION A	BOVE IS TR	UE AND CO	OMPLETE	TO THE BE	ST OF MY	
KNOWLEDG	E AND BE								
DATE		10/1/98		PRINTED I			JEFF CRO	OSS	
SIGNATURE	7/0	fflion		AND TITLE					
		E PIT CLOSU IE TRIBE PIT				IS APPRO	VED IN ACC	ORDANCE T	·o
APPROVED:	YES	; <u> </u>	_ NO		_(REASON	i)			
	. 1		4.0						· · · · · ·
SIGNED:	Ko	C Me			_DATE:		-13-98	,	

APACHE CORPORATION FARMINGTON DISTRICT

I. NE CORNER

D. SW CORNER

SE CORNER

JICARILLA APACHE TRIBAL EPO PIT EXCAVATION AND CLOSURE REPORT REVIEW AND APPROVAL LOCATION: APACHE 131 EPO REPRESENTATIVE -DATE OF REVIEW: ノス・Q PIT COUNT: EXCAVATION **FINISH** DIMENSIONS **START** CU.YDS. W L D D 103.0 18' 22' 4' PIT 1 16' 20' PIT 1 PIT 2 PIT 2 PIT 3 PIT 3 PIT2@ PIT3@ PIT1@ PIT1@06' PIT2@ PIT3@ DATE: DATE: 12/14/95 CENTER 88.6 CENTER P. NW CORNER 169.0 P. NW CORNER I. NE CORNER 177.0 I. NE CORNER D. SW CORNER D. SW CORNER 144.0 201.0 SE CORNER SE CORNER NOTES: Hit sandstone @ 5' Dark staining, excavate additional 3' from bottom, plus 2' @ side walls. 12/14/95 * 012/14 Sampling (a) to High TPH SOIL SAMPLING PIT3@ ' ANALYSIS RESULTS PER LAB: **ASSAIGAI** PIT1@06' PIT2@ DATE: 12/14/95 TPH BETEX WITNESS DATE PIT CENTER 88.6 P. NW CORNER 169.0 NO. 22.6 IF&S 11000 12/14/95 I. NE CORNER 177.0 1 2 D. SW CORNER 144.0 3 201.0 SE CORNER RE-SAMPLE OR CELL(S) SAMPLE PER LAB: **ASSAIGAI** · PIT3@ ANALYSIS RESULTS PIT1@07' PIT2@ DATE: 12/15/95 WITNESS DATE **TPH** BETEX PIT CENTER 95.2 NO. P. NW CORNER 92.8 8.8 1 5600 JDT 12/15/95 81.3 NE CORNER 2 D. SW CORNER 57.6 3 SE CORNER 90.2 RE-SAMPLE OR CELL(S) SAMPLE PIT 3 ANALYSIS RESULTS PER LAB: PIT 1 PIT 2 DATE: WITNESS BETEX DATE PIT TPH CENTER NO. P. NW CORNER

1

2

3

APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT UE 121

LOCATION:

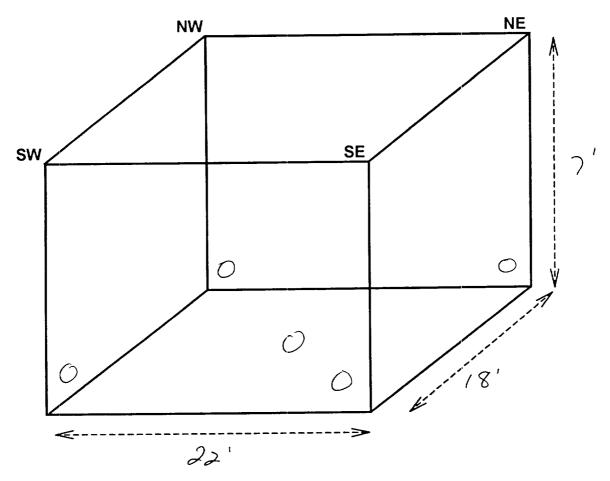
APACHE 131

PIT COUNT:

JICARILLA APACHE TRIBAL EPO REVIEW AND APPROVAL

EPO REPRESENTATIVE K.C.

				EXCAVATI	ON				_
OIM	ENSIONS	START				FINISH]
	W	L	D			W	L	D	CU.YDS.
PIT 1	16'	20'	4'	PIT 1		18'	22'	7	103.0
PIT 2				PIT 2					
PIT 3				PIT 3					
TAC	E: 12/14/95	PIT1@06'	PIT2@	' PIT3@	DAT	Œ:	PIT1@'	PIT2@'	PIT3@
	CENTER	88.6				CENTER			
P.	NW CORNER	169.0			Р.	NW CORNER			
1.	NE CORNER	177.0] I. [NE CORNER			
D.	SW CORNER	144.0			D. [SW CORNER			
	SE CORNER	201.0				SE CORNER			
TO	ES:								
			 						
	*High TPH level	from 12/14 sa	mpling @ 6'.						
	*High TPH level *TPH level abov			-test 4/96. SOIL SAMI	PLING				
						ALYSIS RESU	ILTS	PER LAB:	ASSAIGAI
	*TPH level abov E: 12/14/95 CENTER	e limit 12/15 sa	PIT2@_	SOIL SAMI			LTS BETEX	PER LAB:	ASSAIGAI DATE
	*TPH level abov E: 12/14/95	e limit 12/15 sa	PIT2@_	SOIL SAMI	' AN	ALYSIS RESU		-,	
DAT	*TPH level abov E: 12/14/95 CENTER	PIT1@06'	PIT2@	SOIL SAMI	' AN	ALYSIS RESU	BETEX	-,	
DATI P.	*TPH level abov E: 12/14/95 CENTER NW CORNER	PIT1@06' 88.6	PIT2@	SOIL SAMI	PIT NO.	ALYSIS RESU TPH	BETEX	WITNESS	DATE
P.	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER	PIT1@06' 88.6 169.0	PIT2@	SOIL SAMI	PIT NO. 1 2 3	TPH 11000.0	BETEX	WITNESS	DATE
P. I. D.	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0	PIT2@	SOIL SAMI PIT3@	PIT NO. 1 2 3 (S) SA	TPH 11000.0	22.6	WITNESS	DATE
P. I. D.	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95	PIT1@06' 88.6 169.0 177.0 144.0 201.0	PIT2@ RE-SAMP	SOIL SAMI	' ANA PIT NO. 1 2 3 (S) SA	TPH 11000.0 AMPLE ALYSIS RESU	BETEX 22.6 ULTS	WITNESS IF&S PER LAB:	12/14/95 ASSAIGAI
P. I. D.	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2	PIT2@ RE-SAMP	SOIL SAMI PIT3@	NO. 1 2 3 (S) SA PIT	TPH 11000.0	22.6	WITNESS IF&S	12/14/95
P. I. D. DAT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER	PIT1@06' 88.6 169.6 177.0 144.6 201.6 PIT1@07' 95.2 92.8	PIT2@ RE-SAMP PIT2@	SOIL SAMI PIT3@	' ANA PIT NO. 1 2 3 (S) SA	TPH 11000.0 AMPLE ALYSIS RESU	BETEX 22.6 CLTS BETEX	IF&S PER LAB: WITNESS	DATE 12/14/95 ASSAIGAI DATE
P. I. DAT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NW CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2 92.8 81.3	PIT2@ RE-SAMP PIT2@	SOIL SAMI PIT3@	' ANA PIT NO. 1 2 3 (S) SA PIT NO. 1	TPH 11000.0 AMPLE ALYSIS RESU	BETEX 22.6 CLTS BETEX	WITNESS IF&S PER LAB:	12/14/95 ASSAIGAI
P. I. D. DAT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NW CORNER NW CORNER SW CORNER SW CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2 92.8 81.3	PIT2@	SOIL SAMI PIT3@	' ANA PIT NO. 1 2 3 (S) SA PIT NO.	TPH 11000.0 AMPLE ALYSIS RESU	BETEX 22.6 CLTS BETEX	IF&S PER LAB: WITNESS	DATE 12/14/95 ASSAIGAI DATE
P. I. D. DAT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NW CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2 92.8 81.3	PIT2@ RE-SAMP PIT2@	SOIL SAMI PIT3@ PIT3@ PLE OR CELL PIT3@	' ANA PIT NO. 1 2 3 (S) SA ' ANA PIT NO. 1 2 3	TPH 11000.0 AMPLE ALYSIS RESU TPH 5600.0	BETEX 22.6 CLTS BETEX	IF&S PER LAB: WITNESS	DATE 12/14/95 ASSAIGAI DATE
P. I. D. DAT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER NE CORNER SE CORNER SE CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2 92.8 81.3 57.6 90.2	PIT2@ RE-SAMP PIT2@ RE-SAMP	SOIL SAMI PIT3@ PLE OR CELL PIT3@ PLE OR CELL	' ANA PIT NO. 1 2 3 (S) SA ' ANA PIT NO. 1 2 3	TPH 11000.0 AMPLE ALYSIS RESU TPH 5600.0	BETEX 22.6 CLTS BETEX	IF&S PER LAB: WITNESS	DATE 12/14/95 ASSAIGAI DATE
P. I. DATT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NW CORNER SE CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2 92.8 81.3	PIT2@ RE-SAMP PIT2@	SOIL SAMI PIT3@ PIT3@ PLE OR CELL PIT3@	PIT NO. 1 2 3 (S) SA PIT NO. 1 2 3 (S) SA 1 2 3 (S) SA	TPH 11000.0 AMPLE ALYSIS RESU TPH 5600.0	BETEX 22.6 ULTS BETEX 8.8	IF&S PER LAB: WITNESS	DATE 12/14/95 ASSAIGAI DATE
P. I. DATT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER NE CORNER SE CORNER SE CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2 92.8 81.3 57.6 90.2	PIT2@ RE-SAMP PIT2@ RE-SAMP	SOIL SAMI PIT3@ PLE OR CELL PIT3@ PLE OR CELL	PIT NO. 1 2 3 (S) SA PIT NO. 1 2 3 (S) SA 1 2 3 (S) SA	TPH 11000.0 AMPLE ALYSIS RESU TPH 5600.0 AMPLE ALYSIS RESU	BETEX 22.6 ULTS BETEX 8.8	PER LAB: WITNESS JDT	DATE 12/14/95 ASSAIGAI DATE
P. I. DAT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NW CORNER SE CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2 92.8 81.3 57.6 90.2	PIT2@ RE-SAMP PIT2@ RE-SAMP	SOIL SAMI PIT3@ PLE OR CELL PIT3@ PLE OR CELL	ANA PIT NO. 1 2 3 (S) SA PIT NO. 1 2 3 (S) SA ANA ANA	TPH 11000.0 AMPLE ALYSIS RESU TPH 5600.0	BETEX 22.6 OLTS BETEX 8.8 ULTS	PER LAB: JDT PER LAB:	12/14/95 ASSAIGAI DATE 12/15/95
P. I. D. DAT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: CORNER E: CENTER NW CORNER NE CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2 92.8 81.3 57.6 90.2	PIT2@ RE-SAMP PIT2@ RE-SAMP	SOIL SAMI PIT3@ PLE OR CELL PIT3@ PLE OR CELL	ANA PIT NO. 1 2 3 (S) SA NO. 1 2 3 (S) SA ANA PIT NO. 1 2 3 (S) SA ANA PIT PIT NO. PIT PIT NO. PIT P	TPH 11000.0 AMPLE ALYSIS RESU TPH 5600.0	BETEX 22.6 OLTS BETEX 8.8 ULTS	PER LAB: JDT PER LAB:	12/14/95 ASSAIGAI DATE 12/15/95
P. I. D. DAT	*TPH level abov E: 12/14/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: 12/15/95 CENTER NW CORNER NE CORNER SW CORNER SE CORNER E: CORNER SE CORNER SE CORNER SE CORNER	PIT1@06' 88.6 169.0 177.0 144.0 201.0 PIT1@07' 95.2 92.8 81.3 57.6 90.2	PIT2@ RE-SAMP PIT2@ RE-SAMP	SOIL SAMI PIT3@ PLE OR CELL PIT3@ PLE OR CELL	PIT NO. 1 2 3 (S) SA PIT NO. 1 2 3 (S) SA PIT NO. 1 2 3 (S) SA PIT NO. 1 NO.	TPH 11000.0 AMPLE ALYSIS RESU TPH 5600.0 AMPLE ALYSIS RESU TPH TPH	BETEX 22.6 CLTS BETEX 8.8 BETEX	PER LAB: JDT PER LAB: WITNESS	ASSAIGAI DATE 12/15/95



			(= SAMPLE AREA
WELL NAM	E	APACHE # 131		
SAMPLE DA	ATE	11/6/96		
NOTES	5 POIN	IT COMPOSITE SAMPLE TAKEN	8" TO 10" INTO	PIT
_	SIDEV	VALL,AND PIT BOTTOM CENTER		
_				
_				
_				
_				
_				
_				
_				
_				-



ASSAIGAI ANALYTICAL LABORATORIES, INC.

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:

November 21, 1996 15:08

CERTIFICATE OF ANALYSIS RESULTS BY SAMPLE

SENT APACHE CORPORATION

TO: 304 N. BEHREND

FARMINGTON, NM 87401

WORKORDER #

: 9611047

WORK ID

: APACHE 131

CLIENT CODE

: APA01

DATE RECEIVED : 11/07/96

ATTN: JOHN TAYLOR

Page: 1

Lab ID: 9611047-01A

Sample ID: PIT #1

Collected: 11/06/96 13:00:00

Matrix: SOIL

Sumpro						
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A Benzene Toluene Ethylbenzene P-&m-Xylene O-Xylene el Range OG Soil/M8015 sel Range OG in Soil	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 50	250 250 250 250 250 250 250	11/12/96 11/12/96 11/12/96 11/12/96 11/12/96 11/14/96	SBTXME137 SBTXME137 SBTXME137 SBTXME137 SBTXME137 SDRO005

Fred L. Shore, Ph.D.

VP of Laboratory Operations



WORKORDER COMMENTS

DATE : 11/21/96

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"

NT = 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.

*** Analytical results reported pertain only to the samples provided ***

*** for analysis and may not represent actual field conditions. ***

* * *

*** This report is not to be reproduced except in full, without the *** written approval of Assaigai Analytical Inc.

REPORT COMMENTS

Project Manager / Contact M: CIKEY 14 HVEN S Samplers: (Signature) Fax No. 505 Telephone No. 4 DA ZhE Project Name / Number City / State / Zip_ Address Client

Contract / Purchase Order / Quote ___

803 174-6643

Chain of Cust 1y Record

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

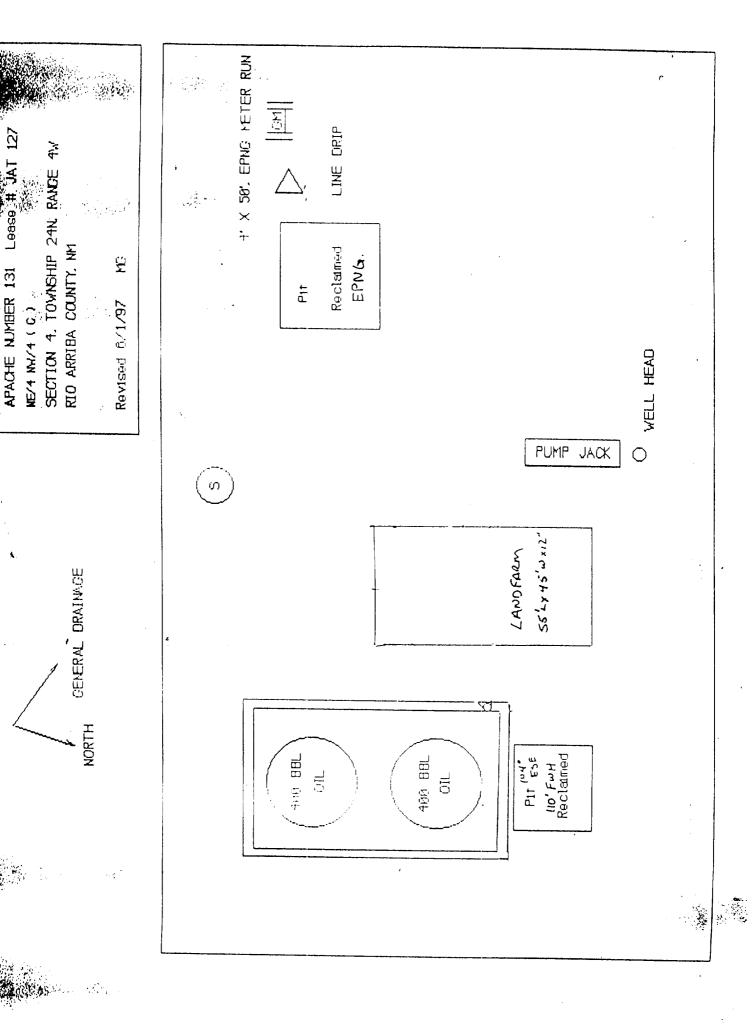
7300 JEFFERSON, N.E. ALBUQUERQUE, NEW MEXICO 87* (505) 345-8964

MIDLAND, TEXAS 79705 1910 N. BIG SPRING CIUDAD JUAREZ, CHIHUAHUA MEXICO 32220 MELOUIADES ALANIS

After analysis, samples are to be Company . 14 15:30 Relinquished by: Company 8 02: 4: FOIN 1/6/96 1300 50 Signature Company ... Received by: 11-7.96 Method of Shipment: Relinquished by Shipment No. Company _ Reason

Special Instructions: _

Returned to customer



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APACHE NUMBER 131

APACHE

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: <u>AP</u>	ACHE C	ORPORATIO	<u>N</u>		Telephon	e	505-325-0	318	
Address:		2855 SOUTH	SIDE RIV	/ER ROAD	SUITE A	FARMING	TON N.M. 8	37401-7947	
Facility or Well N	Name:	A	PACHE #	131					
Location: Un	it or Qtr/	Qtr Sec	<u> </u>	SEC 4	T 24 N	R4W	County	RIO ARRI	ВА
Land Type	· ·	JIC. TRIBAL							
Date Remediatio	n Starte	d: 1	2/14/95		Date Con	npleted:		8/17/98	
	,	Landfarmed			-	cubic yards		103	
Remediation Me	uiou.				- Thbiox.	Jabio Jaias			
		Composted			-				
		Other		REMEDIA	TED SOIL	TO BE SPE	READ ON L	_OCATION.	
Depth to Ground	lwater:		(pts)	0		Final Clo	sure Samp	oling	
Distance to an E	Ephemera	al Stream:	(pts)	0	Sampling	Date:	8/17/98	Time:	12:10PM
Distance to Near or Watering Pon		e, Playa,	(pts)	0	Sample F		•		
Wellhead Protec	ction Are	a:	(pts)	0		space (ppm) (ppm	0	— Method	M8015
Distance To Sur	face Wa	ter:	(pts)	0		er BTEX \S			
RANKING SCO	RE (TO	TAL POINTS)		0	-	o. <u>D. D</u>			
I HEREBY CER KNOWLEDGE A			RMATIC	N ABOVE	IS TRUE	AND COMP	LETE TO 1	THE BEST (OF MY
DATE:		10/1/98		PRINTED	NAME		JEFF CF	ROSS	
SIGNATURE	Ae	ff (w	3	TITLE		PROJEC	T MANAG	ER	
AFTER REVIEW ACCORDANCE	VOF THE	E SOIL REM JICARILLA	EDIATIOI APACHE	N INFORM TRIBE PIT	ATION. C	ON-SITE RE RE ORDINA!	MEDIATIO NCE.	N IS APPRO	OVED IN
APPROVED:	YES	\times	NO		_(REASO	N)			_
SIGNED:	Ke	-CMe	_U	DATE:		/-/3- ⁹	78		

APACHE COPORATION/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE	APACHE	# 131		_	
* AMOUNT OF SOIL UNDE	RGOING REMEDIA	TION	103	Yds.	
CELL No. 1	_		SampDATE 8/17/98	TPH 2500	BTEX ND
DIMENSIONS(LxWxH)	55' X 45' X 12"				
CELL LOCATION (dir. from well l	head <u>EAST</u>				
* DATE BEGAN: 12/14/95					
DATE TERMINATED (TPH <5,00)0 ppm/BTEX< 50 ppm/	Benzene < 10 ppm)	8/17/98	3	-
CELL No. 2			SampDATE	TPH	BTEX
DIMENSIONS(LxWxH)	•				
CELL LOCATION (dir. from well	head				
* DATE BEGAN:					
DATE TERMINATED (TPH <5,00	00 ppm/BTEX< 50 ppm/	Benzene < 10 ppm)		·-	_
			SampDATE	TPH	ВТЕХ
CELL No. 3	_			ļ	
DIMENSIONS(LxWxH)					
CELL LOCATION (dir. from well	head				
* DATE BEGAN:					
DATE TERMINATED (TPH <5,0	00 ppm/BTEX< 50 ppm.	/Benzene < 10 ppm)			-
REMEDIATION RECORD: (Date	, Treatment, Tilling)				
1/3/96 TREAT SOIL WITH 28-4-		7/24/97 PLOW AND			
4/10/97 TREAT SOIL WITH 46-0)-0 FERTILIZER,	8/6/97 PLOW AND		HOOPHOP	10.001.00
WATER,PLOW AND TILL.		8/21/97 TREAT SO			JO,ZBLBS,
5/1/97 PLOW AND TILL SOIL.		5/6/98 PLOW AND			
5/21/97 PLOW AND TILL SOIL.	6011	6/11/98 WATER,PL			
6/5/97 WATER, PLOW AND TILL 6/21/97 PLOW AND TILL SOIL.	- SUIL.	7/15/98 PLOW AND		JIL. UIZ3130	, LOVY, I ILL
7/2/97 PLOW AND TILL SOIL.		8/14/98 PLOW AND		 ,	

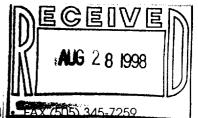
From excavation reports.

= SAMPLE AREA ALL SAMPLES TAKEN 10" TO 12" INTO CELL. 8 point compairs striple Apache #131 8-17-98 55 x45 x12" SAMPLE DATE: DIMENSIONS: WELL NAME: NOTES:

NOTE.



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**

i	* 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

APACHE CORPORATION Client:

JICARILLA PIT CLOSURES 9808181 Project:

M (U () Anadrical Laboratories.

Client Sample ID	APACH	E #131	CELL		Sample Matrix	SOIL				Sample Collected	08/17/98 12:10:00
							Dilution	Detection			Run
Fraction	QC Group	CAS#		Result	<u>!</u>	<u>Units</u>	Factor	<u>Limit</u>	*	Sequence	<u>Date</u>
			Test: SW846 8015A/8020A G	RO / Purgeable Ar	romatics						
9808181-01A	X98392	71-43-2	Benzene	ND		mg / Kg	50	0.005		XG.1998.704-4	08/20/98
	X98392	100-41-4	Ethylbenzene	ND		mg / Kg	50	0.005		XG.1998.704-4	
	X98392	95-47-6	o-Xylene	ND		mg / Kg	50	0.005		XG.1998.704-4	
	X98392		p/m Xylenes	ND		mg / Kg	50	0.01		XG.1998.704-4	
	X98392	108-88-3	Toluene	ND		mg / Kg	50	0.005		XG.1998,704-4	
			Test: SW846 8015A Diesel F	Range Organics by	GC/FID						
9808181-01B	X98389		Diesel Range Organics	2500		mg / Kg	25	25		XG.1998.699-15	08/21/98



Page 1 of 1



^{***} 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. ***

ient Apache Corporation

Citatil of Custody Record

Project Manager / Contact <u>Jeff Cross</u>

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

ALBUQUERQUE, NEW MEXICO 87109 (505) 345-4964

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

MELQUIADES ALANIS
6411 LOCAL UNO .
CIUDAD JUAREZ, CHIHUAHUA MEXICO

25350	

	Signature COM: 4. BIAVA Company RAL, Resson Delivery	1017/30 Time Apacko (2010) Time To 15 Tions
Daie Received by: Au Welver	Received by:	\$6/6)/a[
	8-17-8/2:10/50il 402 glass ICE 1 X	Aprele #131 Cell 8-17
	Type / Size of Container Preservation	
Semarks	Samplers: (Signature) Mell Com	oject Name / Number JICARILLA PIT CLOSURES.
Analysis Required	- Telephone No. (202) 774-554	y State / ZipEarmington, NM 87401-7947
Analysis Daming	578. 4 Telephone No (505) 774-6643	idress 2855 SouthSIDE River Rd. STE. A

LABORATORY

Returned to customer