District III

State of New Mexico

1000 Rio Brazos Rd

Energy, Minerals and Natural Resources Department

Appropriate District and 1 copy to Santa Fe Office

Submit 1 copy to

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

2040 S. PACHECO

OCT 2 8 1997

Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

Departed Apache Gorperation Telephone: 505-325-0318  Address: 304 N. Behrend, Farmington, NM 87401  Facility or Well Name: Apache # 11  Location: Unit or Qtr/Qtr Sec P Sec 2 T 24 N R 4W County Rio Arriba  Pit Type: Separator: Dehydrator Other Blow Pit  Land Type: Jicarilla Tribal  Pit Location: Pit Dimensions: Length 24' Width 24' Depth 7' (Attach diagram)  Reference: Wellhead X Other  Footage from reference: 150'	
Facility or Well Name: Apache # 11  Location: Unit or Qtr/Qtr Sec P Sec 2 T 24 N R 4W County Rio Arriba  Pit Type: Separator: Dehydrator Other Blow Pit  Land Type: Jicarilla Tribal  Pit Location: Pit Dimensions: Length 24' Width 24' Depth 7' (Attach diagram)  Reference: Wellhead X Other	
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Pit Type: Separator: Dehydrator Other Blow Pit Land Type: Jicarilla Tribal  Pit Location: Pit Dimensions: Length 24' Width 24' Depth 7' (Attach diagram)	
Land Type:	
Pit Location: Pit Dimensions: Length <u>24'</u> Width <u>24'</u> Depth <u>7'</u> (Attach diagram)  Reference: Wellhead <u>X</u> Other	
(Attach diagram)  Reference: Wellhead X Other	
Reference: Wellhead X Other	
Footage from reference: 150'	
100	
Direction from reference: <u>140</u> Degrees <u>XX</u> East North	
of West South X	(X
Depth To Groundwater:  (vertical distance from 50 feet (20 points) (10 points	
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)  DECEIVED  AUG 2 0 1997  Yes (20 points)  No (0 points)  DIN 3	)
Distance To Surface Water:  (Horizontal distance to perennial 200 feet to 1000 feet (10 points) lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)  Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) 0  RANKING SCORE (TOTAL POINTS) 0	

Date Remediation St	arted: 9/13/9	5	_Date Com	npleted:	9/13/95
Remediation Method (Check all appropriate	: Excavati	o <u>XXX</u>	_Approx. c	ubic yards	
sections)	Landfarmed	NONE	_Insitu Bior	remediation	
	Other		<del></del>		
Remediation Locatio (i.e. landfarmed onsite name and location of offsite facility)		e <b>X</b>	Offsite		
General Description	of Remedial Action:	Excavate	pit to 7', to	ook PID readings	, readings low.
Took soil :	samples, results with	nin closure l	imits. Put	soil back into p	t
	;				
Groundwater Encour	ntered: N	o <u>X</u>	Yes	S	Depth
Final Pit: Closure Sampling: (in multiple samples,	Sample location	5 point comp	osite taken fr	om pit sidewalls and	pit bottom center
attach sample results and diagram of sample	Sample depth	8 to 10" in	to pit side	walls 10" into pit	bottom
locations and depths)	Sample Date Sample results	9/13/95	•	Sample Time	2:13 PM
	Benzene	(ppm)	ND	~	
	Total BTEX	(ppm)	ND	_	
	Field Headspace	(ppm)	2.58	-	
	ТРН	<u>-</u>	ND	-	
Groundwater Sample:			No		attach sample results)
HEREBY CERTIFY T KNOWLEDGE AND BE		TION ABOVE	IS TRUE	AND COMPLETE	TO THE BEST OF MY
DATE	8-Aug-97	PRINTED I	NAME	Jeff Cross	
SIGNATURE J	y lion	_AND TITLE	Ē	Project Manager	

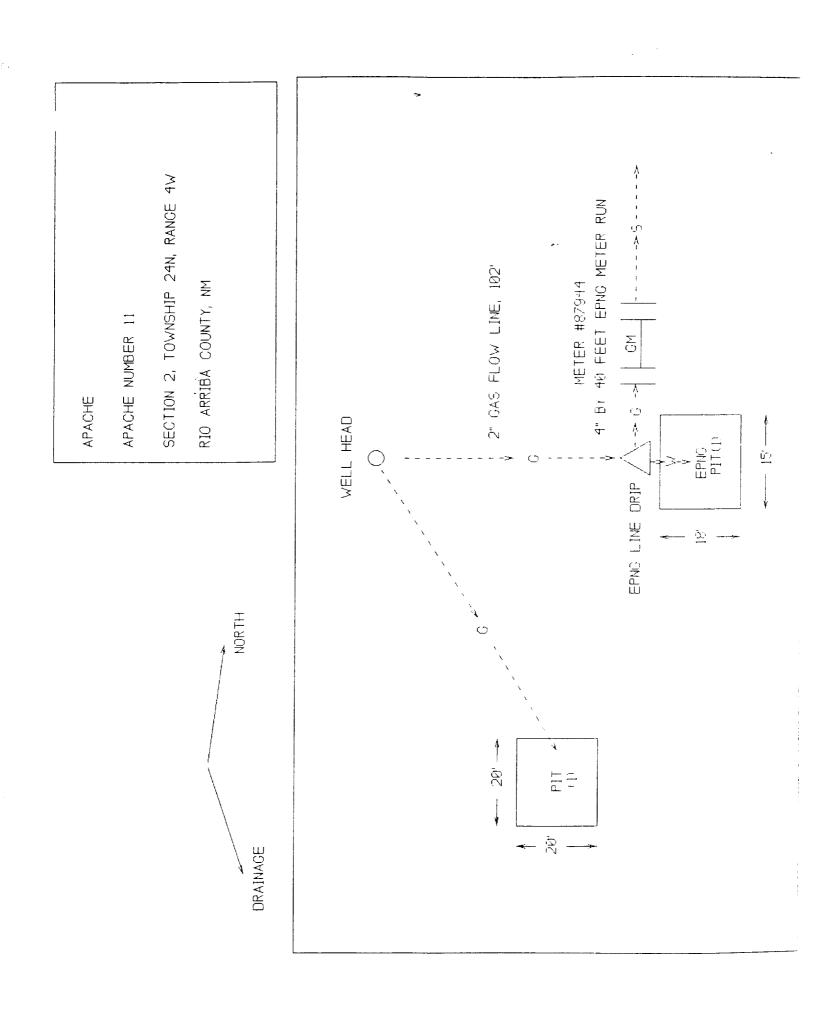
## JICARILLA APACHE TRIBE ENVIRONMENTAL PROTECTION OFFICE P. O. BOX 507 DULCE, NEW MEXICO 87528

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

## PIT REMEDIATION AND CLOSURE REPORT

Operator:	APACHE CORPORA	TION	_ <del></del>	_Telephone	505-3	25-0318		
Address:	304 N. BEHREND,	FARMINGT	ON, N.M.	84701				
Facility or Wel	II Name:	APACHE :	# 11·					<del></del>
Location:	Unit or Qtr/Qtr Sec	Р	SEC 2	T 24N	R 4W	County	RIO ARRIB	Α
Pit Type:	Separator:	_Dehydrator		_Other	BLOW PI	Γ		
Land Type: _	JIC. TRIB	AL						
Pit Location:	Pit Dimensions:	Length	24'	Width	24'	Depti	n 7'	7
(Attach diagrar	m) Reference:	Wellhead	XXX	_Other	-			
	Footage from re	ference:	150'		-			
	Direction from re	eference:	140	_Degrees	X	_East	North _	
						o _West	t South _	XX
Depth To Gro	undwater:			Less than !	50 feet		(20 points)	
(vertical distance fro	om			50 feet to 9	99 feet		(10 points)	
contaminants to sea	asonal			Greater tha	an 100 feet		( 0 points)	0
high water elevation groundwater)	n of							
Distance to an	n Ephemeral Stream	:		Less than 1	100 feet		(10 points)	
(Downgradient ten feet in widtl	dry wash greater tha h	n		Greater tha	an 100 feet		( 0 points)	0
Distance to Ne	earest Lake, Playa, c	or Watering	Pond:	Less than 1	100 feet		(10 points)	
_	lakes, playas and dlife watering ponds)			Greater tha	in 100 feet		( 0 points)	0
Wellhead Prot					Yes		(20 points)	
•	feet from a private				No		( 0 points)	0
	source, or less than all other water source	es)						
Distance To S				Less than 1			(20 points)	
•	ance to perennial			100 feet to			(10 points)	
lakes, ponds, ri irrigation canals	vers, streams, creeks s and ditches)	<b>,</b>		Greater tha	n 1000 feet	t	( 0 points)	0
<b>J</b>				RANKING S	SCORE (TO	OTAL POIN	ITS)	0
				<del></del>				

1							•	
Date Remediati	ion Star	ted: 9	/13/95	Date Con	npleted:		9/13/95	
Remediation M		Exca	vation XXX	Approx. c	cubic yards		·	
(Check all appro sections)	priate	Landfa	rmed NON	E Insitu Bio	remediatio	n		
		Othe	er					
Remediation Lo			Onsite	Offsite				
name and location offsite facility)				-				<del></del>
General Descri	ption of	Remedial Actio	n: Excavate p	oit to 7',took l	PID readin	gs,reading	s low,	
to	ok soil s	samples,results	within closu	re limits.		Put soil l	oack into p	it.
Groundwater E	ncounte	ered:	No xxx	Yes	s	Depti	n	_
Final Pit: Closure Sampli (in multiple samp	-	Sample location	5 point	composite tak	en from pi	t sidewalls a	nd pit botto	m center.
attach sample re and diagram of s	sults sample	Sample depth	8" to 10	" into pit side	walls ,10" i	into pit botto	m.	
	ptns) imple Da imple res		9/13	/95	_Sample 1	ri <u>me</u>	2:13 PM	
So	oil:	Benzene	(ppm)	ND	_Water:	Benzene	(ppb)	NA_
		Total BTEX	(ppm)	ND	<del></del>	Toluene	(ppb)	NA
		Field Headspace	e (ppm)	2.58	_ Et	hylbenzene	(ppb)	NA
		ТРН	(ppm)	ND	_ To	otal Xylenes	(ppb)	NA
Groundwater Sa	ample:		Yes	No	XXX	_(If yes atta	ach sample	results)
HEREBY CERT			MATION ABOY	VE IS TRUE A	AND COMP	PLETE TO 1	THE BEST	OF MY
DATE		7/25/97	PRINTE	D NAME		JEFF CR	oss	
SIGNATURE		of Cwo	AND TI	TLE		PROJECT	MANAGE	R
AFTER REVIEW THE JICARILLA				•	SURE IS A	PPROVED	IN ACCORI	DANCE TO
APPROVED:	YES_	$\times$	NO	(REASON	)	· · · · · · · · · · · · · · · · · · ·		
	1		n	<del></del>				
SIGNED:	Lie	C. Ma-	. N	DATE:	7-3	0-97		



## APACHE CORPORATION FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

REVIEW AND APPROVAL LOCATION: APACHE 11 EPO REPRESENTATIVE K.C. PIT COUNT: 1 DATE OF REVIEW: 10/30/95 **EXCAVATION** DIMENSIONS **START FINISH** D D L CU.YDS. PIT 1 24' 24' 3' PIT 1 24' 24' 85.0 PIT 2 PIT 2 PIT 3 PIT 3 DATE:09/13/95 PIT1@07\* PIT2@ PIT3@ DATE: PIT2@ PIT3@ PIT1@ CENTER 11.6 CENTER P. NW CORNER 1.1 P. NW CORNER I. NE CORNER 0.0 NE CORNER SW CORNER 0.2 D. SW CORNER SE CORNER 0.0 SE CORNER NOTES: 09/13/95 Dark clay soil to 5'. No staining or odor. SOIL SAMPLING DATE:09/13/95 PIT1@07 PIT3@ ANALYSIS RESULTS PIT2@ ASSAIGAI PER LAB: **CENTER** 11.6 PIT WITNESS TPH **BETEX** DATE **NW CORNER** Ρ. 1.1 NO. NE CORNER 0.0 I. 1 ND ND IF&S 09/13/95 SW CORNER 0.2 2 SE CORNER 0.0 3 RE-SAMPLE OR CELL(S) SAMPLE DATE: PIT1@ PIT2@ PIT3@ ANALYSIS RESULTS PER LAB: **CENTER** PIT WITNESS TPH **BETEX** DATE Ρ. NW CORNER NO. **NE CORNER** 1 D. SW CORNER 2 SE CORNER 3 RE-SAMPLE OR CELL(S) SAMPLE DATE: PIT 1 PIT 2 PIT 3 ANALYSIS RESULTS PER LAB: CENTER WITNESS DATE PIT **TPH BETEX** Р. **NW CORNER** NO. I. **NE CORNER** 1 **SW CORNER** D. 2 SE CORNER 3

JICARILLA APACHE TRIBAL EPO

Type: H C Dimensions Pit 2 Start:  Type: H C Dimensions Pit 3 Start:  Total Cu. Yards Removed: 85.33  TPH & BTEX AN (Depth)  9/13/95  1 Composite  7' 5 part composite satisfies a satisfies and the satisfies and	late: 9/13 late Start: 9	95 113/95	Dimensions Pit 1 Start:	Well N	OSURE STATU (CONFIDENT), APACHE # 11 s: 1	S REPORT AL)    C   10   30	lensions I	Proj. Number: Date Finished: 9	Proj. Number: Date Finished: 9	Proj. Number: Date Finished: 9	Proj. Number: Date Finished: 9
Pit Type (Grab or Composite)  1 Composite  7	Type:	×	Dimensions Pit 1 Stan  Dimensions Pit 2 Stan  Dimensions Pit 3 Stan			Dim Dim	Dimensions Pit 1 Finished Dimensions Pit 2 Finished	Dimensions Pit 1 Finished:  Dimensions Pit 2 Finished:	Dimensions Pit 1 Finished: 24' x 24' x 7'  Dimensions Pit 2 Finished:	Dimensions Pit 1 Finished:  Dimensions Pit 2 Finished:	Dimensions Pit 1 Finished:  Dimensions Pit 2 Finished:
Pit Type Interval (Grab or Composite)  1 Composite 7'	Type:		Dimensions Pit 3 Star	<b>I</b>	TPH & BTEX ANA		Dimensions Pit 3 Total Liquids Rer		Dimensions Pit 3 Finished: Total Liquids Removed:	Dimensions Pit 3 Finished: Total Liquids Removed:	Dimensions Pit 3 Finished: Total Liquids Removed:
1 Composite 7'	Date Sampled	Pit No.	Type (Grab or Composite)	Interval (Depth)		Location		_ocation TPH (mg/Kg)		TPH (mg/Kg)	
	9/13/95	_	Composite	7'	5 part composite sa	mple of the bo		Z	Z		
			į								

		PIC	PID READINGS		Site Number: 11
Date	Pit No.	Interval (Depth)	Location	Reading (ppm)	Notes:
09/13/95	1	7'	Center	11.6	First 2 feet of excavation shows a dark brown, clay like soil
09/13/95	_	7'	Bottom, N.W. Corner		changing afterward to a tan sand. Put soil next to pit, did not apply any treatment.
09/13/95	_	7'	Bottom, N.E. Corner	0	
09/13/95	1	7'	Bottom, S.W. Corner	0.2	
09/13/95	1	7'	Bottom, S.E. Corner	0	
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			-		
				i	

**Lab ID:** 9509145-11B Sample ID: AP# 108

Collected: 09/12/95 15:10:00 Matrix: SOIL

Sample ID. AP# 100		Matrix: S	OIL			
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE	BATCH_ID
HCs DIESEL/CAL DHS 8015M Diesel HCs DSL XT/CAL DHS 8015M	74 09/21/95	mg/Kg N/A	5.0	10	09/27/95	SLFTD46
Lab ID: 9509145-12A Sample ID: AP# 11		Collected: Matrix: So	09/13/ OIL	95 14	1:13:00	
TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE	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	5.0 5.0 5.0 5.0 5.0	09/20/95 09/20/95 09/20/95 09/20/95 09/20/95	SBTXME074 SBTXME074 SBTXME074 SBTXME074 SBTXME074
Lab ID: 9509145-12B Sample ID: AP# 11		Collected: Matrix: SO		95 14	:13:00	
rest / method	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
ICs DIESEL/CAL DHS 8015M Diesel ICs DSL XT/CAL DHS 8015M	ND 09/21/95	mg/Kg N/A	5.0	5.0	09/26/95	SLFTD46
Lab ID: 9509145-13A Sample ID: AP# 18		Collected: Matrix: SO		5 14	:30:00	
EST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
TEX/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	5.0 5.0 5.0 5.0 5.0	09/20/95 09/20/95 09/20/95 09/20/95 09/20/95	SBTXME074 SBTXME074 SBTXME074 SBTXME074 SBTXME074
ab ID: 9509145-13B ample ID: AP# 18		Collected: Matrix: SO		5 14:	:30:00	
EST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
Cs DIESEL/CAL DHS 8015M Diesel Cs DSL XT/CAL DHS 8015M	ND 09/21/95	mg/Kg N/A	5.0	5.0	09/27/95	SLFTD46

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