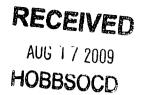
		RECEIVED AUG 17 2009Oil Conservation Division NM 87410 HOBBSOC(1)220 South St. Francis Dr. Santa Fe, NM 87505 With Rel 11 on back side of form. Santa Fe, NM 87505 With Rel 11 on back side of form. Contact NA10710 OPERATOR Comportion Contact Natale Gladden Dec 1540 Enviree.NM 88231 Telephone No. 755-390-4186 Township Range Feet form Longitude-W Latitude-N County South Line So Township Range Feet form Contact NATURE OF RELEASE Volume cof Release Volume cof Decourse Date and Hour of Occurrence Date and Hour of Discovery Back508 AM Back508 A										
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was miniculate	V YES		✓ Not Required		•	Larry Jo	hnson - J	NMOCD				
By Whom?			the second s	Date a								
Was a Watercou	urse Reached?				8, Volume Impa	cting the	Watercou	irse				
		Land -		NA								
If a watercours	e was impacted,	Describe Fully*										
Hawk B-1 #50 p recovered 10-bbl	•	it back into servic	e pressure surge	ed caused flov	v line to rupture.	Flow line	was re-re	outed and vacuu	m truck			
	mulu.											
Describe Area A	Affected and Cle	anup Action Tak	(en. *		·							
		•		hydrocarbon	component. Side	walls and	bottom w	ere excavated to	achieve			
chloride levels be	elow 500-ppm (re	emoval to <250-pp	om would have requ	uired extensiv	e removal/recons	struction o	of the roa	d). Road shoulde	r was			
reconstructed to NM.	Lea County Roa	d Dept. required	standards. Remedia	ation and rest	oration was com	pleted by	Ocotillo I	Environmental, I	LC., Hobbs,			
	he information given a	above is true and corr	plete to the best of my l	knowledge and u	nderstand that pursu	ant to NMO	CD rules an	d regulations all oper	rators are required to			
				•	• •			•				
ground water, surfac	æ water, human heal	th or the environmen	•	•	•							
/	priocal laws and/or re	egulations.			OIL	CONSEL		N DIVISION				
Signature:	here	e(-1)c	aden			CONSER	<u>(TAHO</u>					
Printed Name:	There				ENV EN	IGINEE	R:					
	•		<u> </u>	Appro	ved by District	Superviso	F. 970	off Lake	M.Z			
Title:	Enviror	nmental Tech -	Permian Basin						0			
E-Mail Address	: <u>Natal</u>	ie.Gladden@us	sa.apachecorp.co	om Condi	ions of Approva	ıl:	1RP#	<u>1923</u>	(
Date:	7/31/2009	Phone:	575-390-4186					Form C-14 Revised June 10, 200 Submit 2 Copies to appropria District Office in accordance with Rule 116 on baccord side of form al Report I Final Report al Report I Final Report al Report I Final Report al Report I County Bacage County 10 bbl API No. 30-025-38014 Latitude-N County 12 Lea e Recovered 10 bbl ad Hour of Discovery 08/05/08 3:00PM NMOCD 5/08 4:00PM urse routed and vacuum truck were excavated to achieve ad). Road shoulder was Environmental, LLC., Hobbs, and regulations all operators are required The acceptance of a C-141 report by the ediate contamination that pose a threat r of responsibility for compliance with an DN DIVISION SOLUCY SOLUCY Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy Solucy				

APACHE CORPORATION	
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HAWK B-1 #50 FLOW LINE C141 CLOSURE REPORT

API 30-025-38014

UL-I (NE¹/₄ OF THE SE¹/₄) OF SECTION 8 T21S R37E LATITUDE: N 32° 29.504' LONGITUDE: W 103° 10.571' ~3.83 MILES NNW (BEARING 343.8°) OF EUNICE LEA COUNTY, NEW MEXICO

NMOCD 1RP #1923

July 31, 2009

PREPARED FOR APACHE CORPORATION BY:

OCOTILLO ENVIRONMENTAL, LLC John Good, Project Manager/Consultant 2125 French Dr. Hobbs, NM 88241 Office: (575) 393-6371 J. Good: (575) 631-3277

APACHE CORPORATION

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1.0 Project Summary

Release Site Name:	Hawk B-1 #50	
Operating Company:	Apache Corporation	
Company Representative:	Natalie Gladden, Environmental Tech	Phone: 575-390-4186
Address: PO Box 1849, Eun	ce, NM 88231 Email: Natalie.Gladder	n@usa.apachecorp.com
Remediation Company:	Ocotillo Environmental - Hobbs Phor	ne: 575-738-0138

SITE SPECIFIC DATA:

Legal Description:	Lea County, N	New Mexico	UL-I Section 8 T21S R37E
General Location:	3.83 miles NN	W (343.8°) of	Eunice, NM.
Latitude: N32° 29.504'	Longitude: W	103° 10.571'	Elevation: 3,533-ft amsl
Land Ownership:	Deck Estate		
Ground Water Elevation:	70-ft bgs (Cor	ntour map)	
Water Wells within 1000-ft:	none	Surface Wate	r within 1000-ft: none
	RELEASI	E SPECIFIC I	DATA:
Date and Time of Release(s)	: 08/05/08 -~3	:00 PM	
Material Released:	Crude oil and	associated pro	duced water
Volume Released:	15-bbl	Volume Reco	vered: 10-bbl
Cause of Release:	Flow line rupt	ure after well r	restart
Release Affected Area:	\sim 525-ft ²		
Depth of Contamination:	10-ft bgs		
NMOCD Site Ranking:	10 (ground wa	ter >50-ft belo	w lowest contamination)
Remediation Action Levels	трн: 1000-рр	m; Benzene: 1	0-ppm; BTEX: 50-ppm; Cl - 500-ppm

REMEDIATION SUMMARY:

The release area adjacent to Hill Rd. right-of-way was excavated to lateral extents limited by the road surface and numerous flow lines on the pasture side of the release. Bottom hole and sidewall chloride concentrations were below 500-ppm. The bottom of the excavation displayed the highest TPH concentration of 162-ppm and undetectable BTEX levels. The excavation was backfilled with native caliche purchased from the landowner. Lea County Road Dept requires cement reinforcement when the edge of a caliche road is excavated and backfilled. This was accomplished with a 41' X 4.5' X 2.5'deep pour of #2 FlowFill, and then covering with compacted caliche.

2.0 Detailed Site Description

2.1 Geological Description

<u>The United States Geological Survey (USGS) Ground-Water Report 6, "Geology and</u> <u>Ground-Water Conditions in Southern Lea County, New Mexico," A. Nicholson and A.</u> <u>Clebsch, 1961</u>, describes the near surface geology of southern Lea County as "an intergrade of the Quaternary Alluvium (QA) sediments, i.e., fine to medium sand, with the mostly eroded Cenozoic Ogallala (CO) formation. Typically, the QA and CO formations in the area are capped by a thick inter-bed of caliche and generally overlain by sandy soil." The release site is located in the Eunice Plain physiographic subdivision, described by Nicholson & Clebsch as "covered almost entirely by reddish-brown dune sand. In some places the underlying surface consists of alluvial sediments – most commonly calcareous silt in buried valleys or Quaternary lake basins. It has a general southeast slope toward Monument Draw." The sand cover is generally 2 to 5-ft thick, but can be 20 – 30-ft thick in localized drift areas."

2.2 Ecological Description

The area is typical of the Upper Chihuahuan Desert Biome consisting primarily of hummocky sand hills covered with Harvard Shin Oak (*Querqus harvardi*) interspersed with Honey Mesquite (*Prosopis glandulosa*) along with typical desert grasses, flowering annuals and flowering perennials. Mammals represented, include Orrd's and Merriam's Kangaroo Rat, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit, Mule Deer, Bobcat, Red Fox and Coyote. Reptiles, Amphibians, and Birds are numerous and typical of the area. A survey of Listed, Threatened, or Endangered species was not conducted.

2.3 Area Ground Water

Extrapolation of the Chevron-Texaco water contour map (*Plate 4 of Attachments*) indicates that water in this area is 70' bgs.

2.4 Area Water Wells

There are no recorded or observed water wells within 1000 horizontal feet of the site.

2.5 Area Surface Water Features

No permanent surface water bodies exist within 1000 horizontal feet of the site.

3.0 Contaminant and Size of Area

The primary Contaminants of Concern (CoCs) were crude oil and total chlorides. The approximate areal extent of the release was 525-ft².

4.0 NMOCD Site Ranking

Contaminant delineation and site evaluation work done at this site indicate that the chemical parameters of the soil and the physical parameters of the ground water were characterized consistent with the characterization and remediation/abatement goals and objectives set forth in the following New Mexico Oil Conservation Division (NMOCD) publications:

- Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)
- > Unlined Surface Impoundment Closure Guidelines (February 1993)

Acceptable thresholds for contaminants/constituents of concern (CoCs), i.e., TPH^{8015m}, Benzene, and the mass sum of Benzene, Toluene, Ethyl Benzene, and total Xylenes (BTEX⁸²⁶⁰), was determined based on the NMOCD Ranking Criteria as follows:

- Depth to Ground water, i.e., distance from the lower most acceptable concentration to the ground water.
- Wellhead Protection Area, i.e., distance from fresh water supply wells.
- Distance to Surface Water Body, i.e., horizontal distance to all down gradient surface water bodies.

Based on the proximity of the site to area water wells, surface water bodies, and depth to ground water from the lower most contamination, the NMOCD ranking score for the site is 10 points with the soil remedial goals highlighted in the Site Ranking Table.

1. GROU	JND WATER	2. WELLHEAD PROTECTION	3. DISTANCE TO SURFACE WATER					
DEPTH TO GW <50 FEET: 20 POINTS DEPTH TO GW 50 TO 99 FEET: 10 POINTS DEPTH TO GW >100 FEET: 0 POINTS		IF <1000' FROM WATER SOURCE, OR; <200' FROM PRIVATE DOMESTIC	<200 HORIZONTAL FEET: 20 POINTS					
		WATER SOURCE: 20 POINTS	200-1000 HORIZONTAL FEET: 10 POINTS					
		IF >1000' FROM WATER SOURCE, OR; >200' FROM PRIVATE DOMESTIC WATER SOURCE: 0 POINTS	>1000 HORIZONTAL FEET: 0 POINTS					
GROUND WA	TER SCORE = 10	WELLHEAD PROTECTION SCORE= 0	SURFACE WATER SCORE= 0					
~~~~~	ก้องการการการการการการการการการการการการการก	SITE RANK (1+2+3) = 10 + 0 + 0 = 20 POINTS						
นม้อยมามันและ ของ ของการ	TOTAL SITE RANKI	NG SCORE AND ACCEPTABLE REMEDIAL GOAL	CONCENTRATIONS					
PARAMETER	20+	10						
BENZENE	10 PPM	10 ррм	na tana da anta da tanàn indri tanàn tanàn tamini amini a Ny FINS					
BTEX	50 PPM	50 PPM	terne de la construcción de la cons Esta receptada de la construcción de					
TPH	100 PPM	1000 РРМ	State sport					

#### SITE RANKING TABLE

## **5.0 Remediation Process**

The release area adjacent to Hill Rd. right-of-way was excavated to lateral extents limited by the road surface and numerous flow lines on the pasture side of the release. Bottom hole and sidewall chloride concentrations were below 500-ppm. The bottom of the excavation displayed the highest TPH concentration of 162-ppm and undetectable BTEX levels. The excavation was backfilled with native caliche purchased from the landowner. Lea County Road Dept requires cement reinforcement when the edge of a caliche road is excavated and backfilled. This was accomplished with a 41' X 4.5' X 2.5'deep pour of #2 FlowFill, and then covering with compacted caliche.

Based on the contents and data contained herein, Apache Corporation requests that NMOCD require "no further action" as regards the soil contamination resulting from the 08/05/08 Hawk B-1 #50 flow line release.

APACHE CORPORATION

HA\	NK B⊧1 #50: L	ABORATORY	ANALYTICA	L RESULTS S	UMMARY TA	BLE
Sample	Sample	Sample	TPH	BTEX	Benzene	Chlorides
Number	Depth	Location	mg/Kg	mg/Kg	mg/Kg	mg/Kg
BTM-1	10-ft	East Bottom	47	ND	ND	416
BTM-2	10-ft	Center Bottom	162	ND	ND	320
BTM-3	8-ft	West Bottom	34.4	ND	ND	416
SW-4	5-ft	North Sidewall	ND	ND	ND	304
SW-5	5-ft	South Sidewall	11.8	ND	ND	384
SW-6	5-ft	East Sidewall	ND	ND	ND	400
SW-7	5-ft	West Sidewall	ND	ND	ND	320

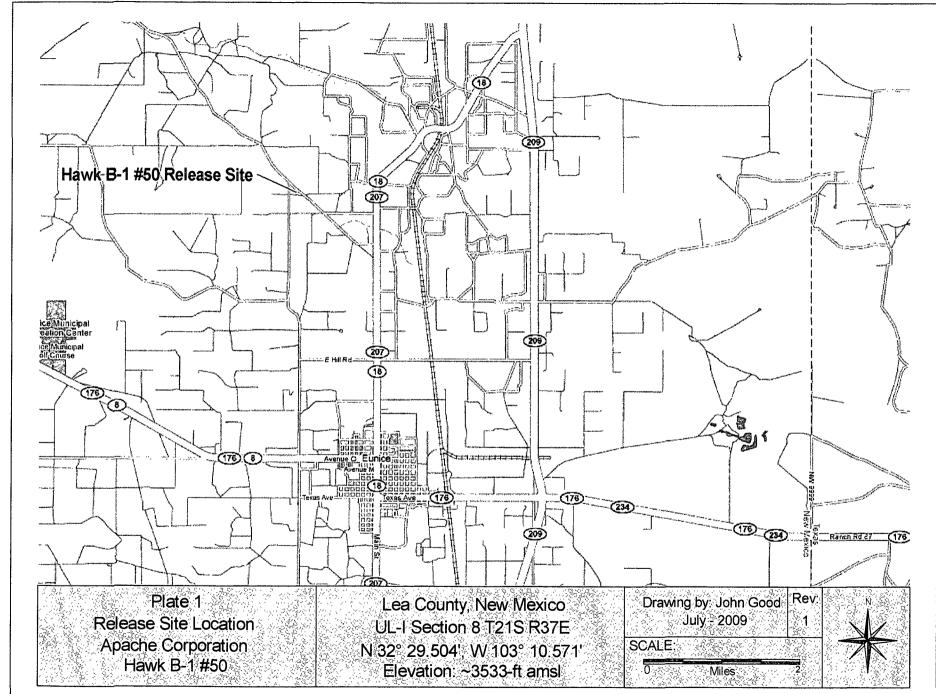
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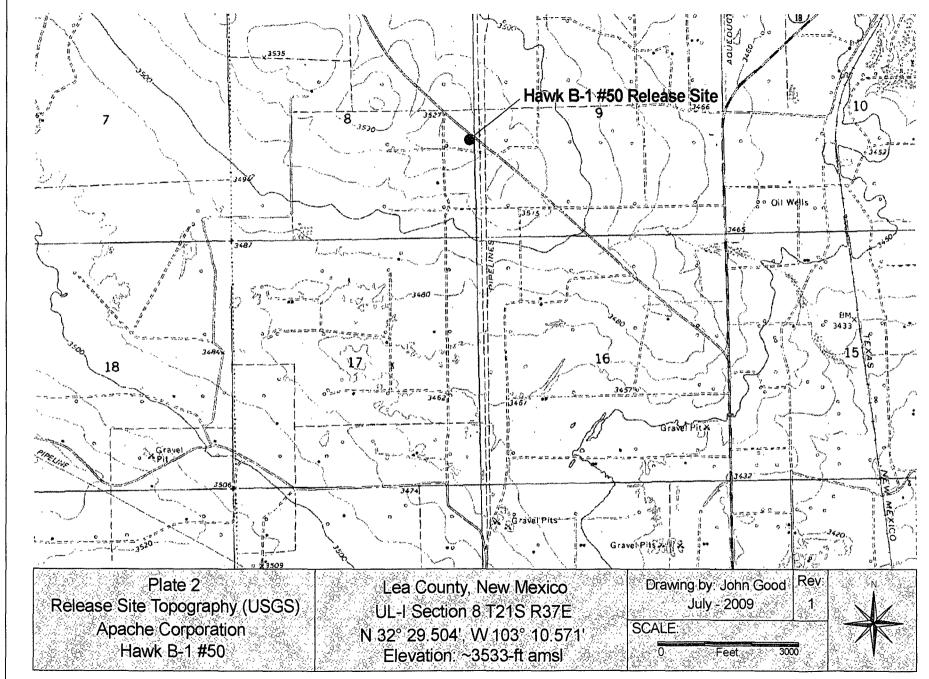
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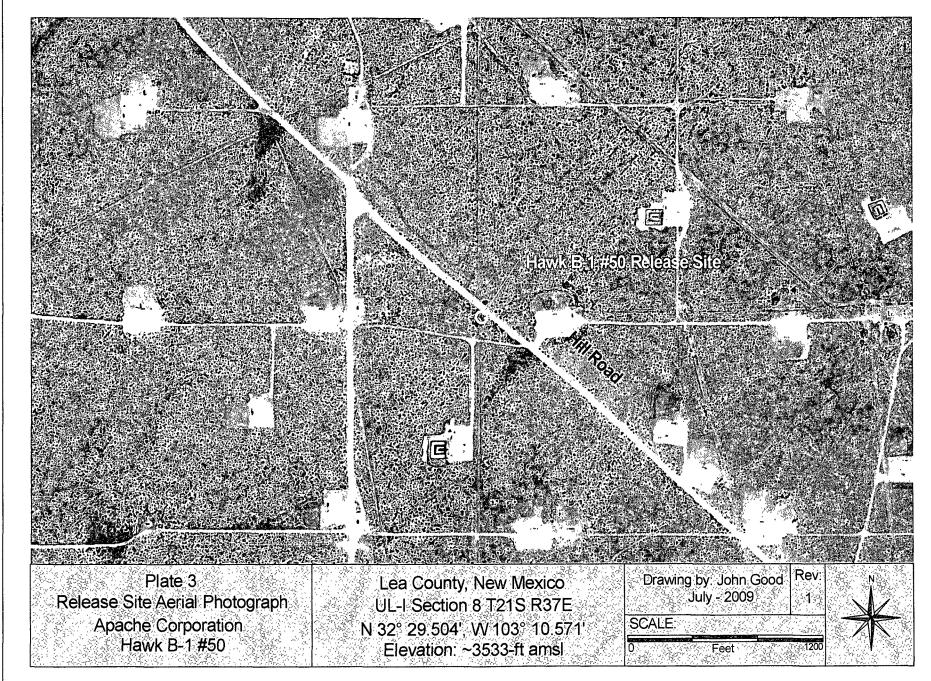
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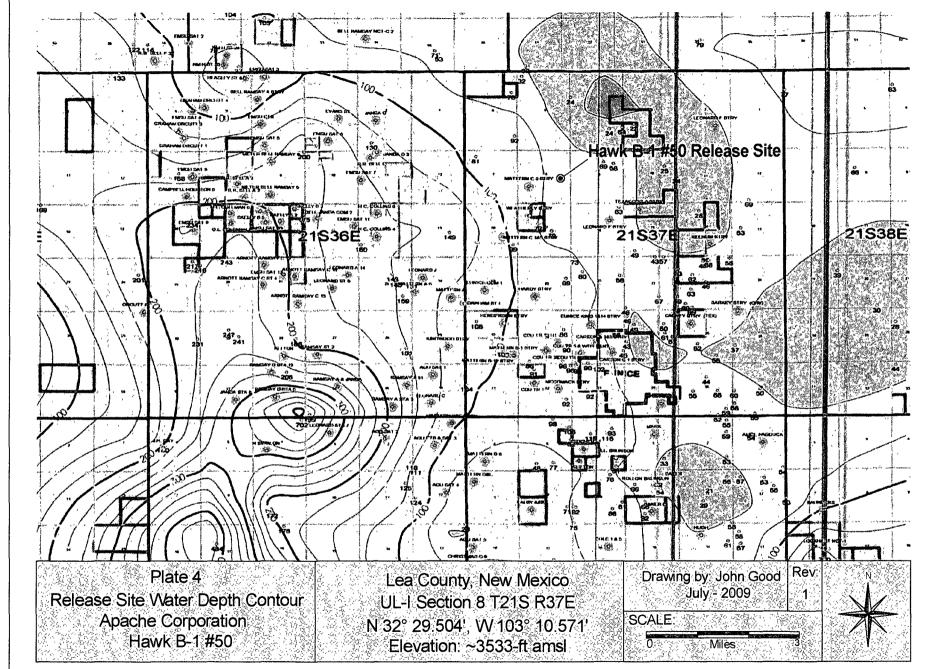
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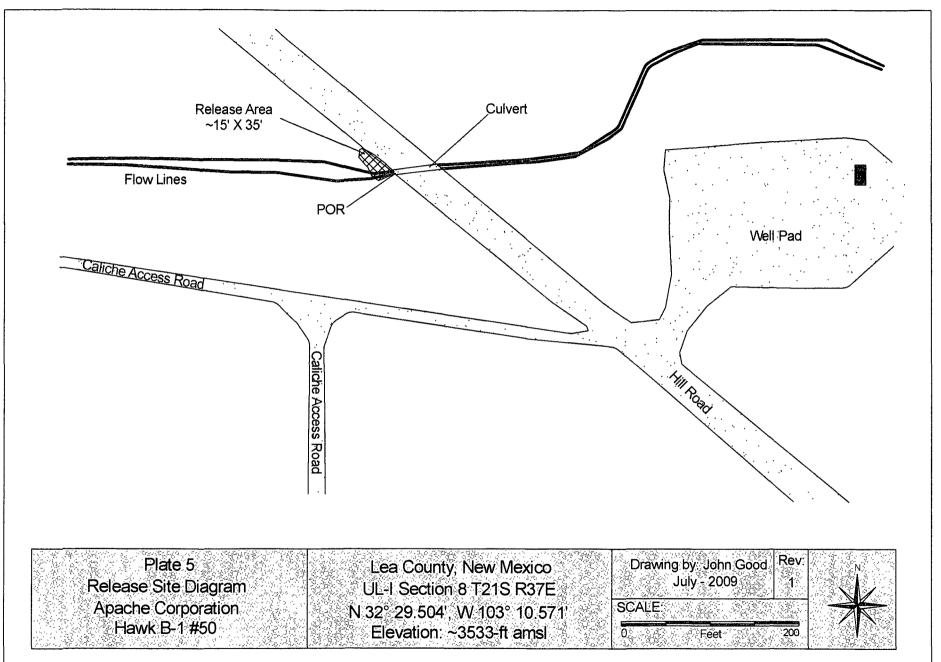
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ANALYTICAL RESULTS FOR OCOTILLO ENVIRONMENTAL ATTN: JOHN GOOD 2125 N. FRENCH DR. HOBBS, NM 88241

Receiving Date: 08/18/08 Reporting Date: 08/22/08 Project Owner: APACHE CORP. Project Name: HAWK B-1 #50L Project Location: HILL ROAD 1.2 MI WEST OF 248 Sampling Date: 08/15/08 Sample Type: SOIL Sample Condition. INTACT Sample Received By: ML Analyzed By: AB/CK

LAB NO. SAMPLE ID	GRO (C ₈ -C ₁₀ ) (mg/kg)	DRO (>C ₁₀ -C ₂₈ ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE.	08/20/08	08/20/08	08/21/08	08/21/08	08/21/08	08/21/08
H15755-1 BOTTOM-1	<10.0	47 2	<0 010	<0.025	<0.010	< 0.030
H15755-2 BOTTOM-2	<10.0	162	<0.010	<0 025	<0.010	<0.030
H15755-3 BOTTOM-3	<10.0	34.4	<0 010	<0 025	<0.010	<0.030
H15755-4 SIDEWALL-4	<10.0	<10.0	<0.010	<0.025	<0.010	<0.030
H15755-5 SIDEWALL-5	<10.0	11.8	<0 010	<0.025	<0.010	<0 030
H15755-6 SIDEWALL-6	<10 0	<10.0	<0.010	<0 025	<0.010	<0 030
H15755-7 SIDEWALL-7	<10.0	<10.0	<0.010	<0 025	<0.010	<0.030
					1	· · · · · · · · · · · · · · · · · · ·
Quality Control	597	437	0.044	0.045	0.044	0.135
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	119	87.4	87.9	89.1	88.0	90.0
Relative Percent Difference	6.7	5.3	6.0	7.6	7.5	4.3

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemis

H15755 BTEXT2 OCO

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arking, whether based in contract or tort, shall be limited to the immount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin thirty (30) days after completion of the applicable service. In no event shall Cardinal be fiable for incidental or consequential damages, including, without imiliation, business interruptions, less of use, or loss of profits incurred by client, its subsidianes, affiliates or successors affising out of or related to the performance of services hereunder by Cardinal, whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories



ANALYTICAL RESULTS FOR OCOTILLO ENVIRONMENTAL, LLC ATTN: JOHN GOOD P.O. BOX 1816 HOBBS, NM 88241

Receiving Date: 08/18/08 Reporting Date: 08/19/08 Project Owner: APACHE CORP. Project Name: HAWK B-1 #50L Project Location: HILL ROAD 1.2 MI WEST OF 248 Analysis Date: 08/19/08 Sampling Date: 08/15/08 Sample Type: SOIL Sample Condition: INTACT Sample Received By: ML Analyzed By: HM

		CI
LAB NO.	SAMPLE ID	(mg/kg)
H15755-1	BOTTOM-1	416
H15755-2	BOTTOM-2	320
H15755-3	BOTTOM-3	416
H15755-4	SIDEWALL-4	304
H15755-5	SIDEWALL-5	384
H15755-6	SIDEWALL-6	400
H15755-7	SIDEWALL-7	320
Quality Con	trol	510
True Value		500
% Recovery	102	

METHOD: Standard Methods 4500-CIB Note: Analyses performed on 1:4 w:v aqueous extracts.

Morono Chémist

928 Date

#### H15755 OCO

PLEASE NOTE: Liability and Damages. Cardinal's isblitty and dient's exclusive remoty for any claim arising, whether based in contract or tort shall ce limited to the amount part by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be duemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without initiation, business interruptions, loss of use, or loss of profils incurred by client, its subsidianes, affiliates or successors ansing out of or related to the parformance or services hereincer oy Cardinal, regardless of whether such damit is based upon eny of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laborationes.

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				-		<u>†</u>					<u>,</u>	1	1		) }	- <u> </u> -		,	<u> </u>	<b> </b>	<u>†                                     </u>	<u> </u>	ţ	+
		5. A	211 ( 11	┉		+			┝─┨			<del> </del>		+	<u> </u>	-+			( 	+	╉────	<u> </u>	<u>+</u>	╋
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	OCOTILLO ENVIR JOHN GOOD 2125 N. FRENCH I HOBBS State: NM 575-631-3277 F Project Owner: HAWI HILL ROAD JOF Sample I.D. BOTTOM - 1 BOTTOM - 1 BOTTOM - 2 BOTTOM - 3 SIDEWALL - 4 SIDEWALL - 5 SIDEWALL - 6	OCOTILLO ENVIRONM JOHN GOOD 2125 N. FRENCH DR. HOBBS State: NM 575-631-3277 Fax # Project Owner: HAWK B-1 HILL ROAD 1.2 M JOHN G JOHN G Sample I.D. BOTTOM - 1 G BOTTOM - 1 G BOTTOM - 2 G BOTTOM - 2 G SIDEWALL - 4 G SIDEWALL - 5 G	OCOTILLO ENVIRONMENT JOHN GOOD 2125 N. FRENCH DR. HOBBS State: NM Zip 575-631-3277 Fax # Project Owner: APA HAWK B-1 #50 HILL ROAD 1.2 MI W JOHN GOOL Sample I.D. Sample I.D. BOTTOM - 1 G 1 BOTTOM - 1 G 1 BOTTOM - 2 G 1 BOTTOM - 3 G 1 SIDEWALL - 4 G 1 SIDEWALL - 5 G 1	OCOTILLO ENVIRONMENTAL JOHN GOOD 2125 N. FRENCH DR. HOBBS State: NM Zip 575-631-3277 Fax #: Project Owner: APACHE HAWK B-1 #50L HILL ROAD 1.2 MI West of JOHN GOOD Sample I.D. BOTTOM - 1 G 1 BOTTOM - 1 G 1 BOTTOM - 2 G 1 BOTTOM - 2 G 1 SIDEWALL - 4 G 1 SIDEWALL - 5 G 1	OCOTILLO ENVIRONMENTAL JOHN GOOD 2125 N. FRENCH DR. HOBBS State: NM Zip 8824 575-631-3277 Fax # Project Owner: APACHE COI HAWK B-1 #50L HILL ROAD 1.2 MI West of 248 JOHN GOOD Sample I.D. Sample I.D. BOTTOM - 1 G 1 BOTTOM - 1 G 1 BOTTOM - 2 G 1 BOTTOM - 3 G 1 SIDEWALL - 4 G 1 SIDEWALL - 6 G 1	OCOTILLO ENVIRONMENTAL           JOHN GOOD           2125 N. FRENCH DR.           HOBBS         State:         NM         Zip:         88241           575-631-3277         Fax #:         Project Owner:         APACHE CORP           HAWK B-1 #50L           HILL ROAD 1.2 MI West of 248           JOHN GOOD           WO SU WATRIX           Sample I.D.         MATRIX           Sample I.D.         MATRIX           Sample I.D.         MATRIX           Somple I.D.         MATRIX           Sample I.D.         MATRIX           Somo colspan="2">Sample I.D.           BOTTOM - 1         G         X           BOTTOM - 2         G         X           SIDEWALL - 4         G         X <t< td=""><td>OCOTILLO ENVIRONMENTAL         Project Owner         Co           10000         2125 N. FRENCH DR.         Co           HOBBS         State:         NM         Zip         88241         Att           575-631-3277         Fax #:         Ad           Project Owner:         APACHE CORP         Cit           HAWK B-1 #50L         Stz         Stz           HILL ROAD 1.2 MI West of 248         Ph           JOHN GOOD         Fa           Sample I.D.         MATRIX           WU V. W. W.</td><td>OCOTILLO ENVIRONMENTAL         P.O. #.           JOHN GOOD         P.O. #.           2125 N. FRENCH DR.         Compa           HOBBS         State:         NM         Zip:         88241         Attn. Na           575-631-3277         Fax #:         Address           Project Owner:         APACHE CORP         City: EL           HAWK B-1 #50L         State:         NM         State:           HILL ROAD 1.2 MI West of 248         Phone         Fax #:         JOHN GOOD           JOHN GOOD         Fax         MATRIX         PR           JOHN GOOD         State:         JOHN GOOD         Fax #:           JOHN GOOD         Fax         Project Owner:         Apache core           JOHN GOOD         Fax #:         JOHN GOOD         Fax #:           JOHN GOOD         Fax #:         Project Owner:         Ware of 248           State:         JOHN GOOD         Fax #:         JOHN GOOD         Fax #:           Sample I.D.         Ware of 248         Phone :         BOTTOM :         Ware of 248           BOTTOM - 1         G 1         X         Vare of 248         Yare of 248           BOTTOM - 2         G 1         X         Vare of 248         Yare of 248</td><td>OCOTILLO ENVIRONMENTAL         JOHN GOOD         P.O. #         Company: /         ADAM GOOD         P.O. #         Company: /         HOBBS         State: NM       Zip:       88241       Attn. Natali         575-631-3277       Fax #       Address: Project Owner:         APACHE CORP       City: Eunic         HAWK B-1 #50L       State: N         HILL ROAD 1.2 MI West of 248       Phone #:         JOHN GOOD         Sample I.D.       MATRIX       PRESE         Sample I.D.       MATRIX       PRESE</td><td>OCOTILLO ENVIRONMENTAL         JOHN GOOD       P.O. #         2125 N. FRENCH DR.       Company: Apac         HOBBS       State:       NM       Zip:       88241       Attn: Natalie Gla         575-631-3277       Fax #:       Address: PO Bo       Project Owner:       APACHE CORP       City: Eunice         Project Owner:       APACHE CORP       City: Eunice       NM         HILL ROAD 1.2 MI West of 248       Phone #       JOHN GOOD       Fax #:         JOHN GOOD       Fax       MATRIX       PRESERV         JOHN GOOD       State:       NM         HILL ROAD 1.2 MI West of 248       Phone #         JOHN GOOD       Fax #:         Sample I.D.       Wein Will Will Will Will Will Will Will Wi</td><td>OCOTILLO ENVIRONMENTAL       BILL TO         JOHN GOOD       P.O.#         2125 N. FRENCH DR.       Company: Apache Corp         HOBBS       State:       NM       Zip:       88241       Atm. Natalie Gladden         575-631-3277       Fax #:       Address: PO Box 1849       Address: PO Box 1849         Project Owner:       APACHE CORP       City: Eunice         HAWK B-1 #50L       State:       NM       Zip         HILL ROAD 1.2 MI West of 248       Phone #:       575-39         JOHN GOOD       Fax #:       JOHN GOOD       Fax #:         JOHN GOOD       Fax #:       JOHN GOOD       PRESERV       SAMP         Sample I.D.       AW       Sup You You You You You You You You You You</td><td>OCOTILLO ENVIRONMENTAL     BILL TO       JOHN GOOD     P.O. #       2125 N. FRENCH DR.     Company: Apache Corp       HOBBS     State:     NM       575-631-3277     Fax #:     Address: PO Box 1849       Project Owner:     APACHE CORP     City: Eunice       HAWK B-1 #50L     State:     NM       Zip:     88241     Attn: Natalie Gladden       Toject Owner:     APACHE CORP     City: Eunice       HAWK B-1 #50L     State:     NM       Zip:     88231       HILL ROAD 1.2 MI West of 248     Phone #:     575-390-4186       JOHN GOOD     Fax #:     SAMPLING       Sample I.D.     WW W W W W W W W W W W W W W W W W W W</td><td>OCOTILLO ENVIRONMENTAL       BILL TO         JOHN GOOD       P.O. #         2125 N. FRENCH DR.       Company: Apache Corp         HOBBS       State:       NM       Zip:       88241       Attn: Natalie Gladden         575-631-3277       Fax #:       Address: PO Box 1849         Project Owner:       APACHE CORP       City: Eunice         HAWK B-1 #50L       State:       NM       Zip:       88231         HILL ROAD 1.2 MI West of 248       Phone #:       575-390-4186       Fax #:         JOHN GOOD       Fax #:       MATRIX       PRESERV       SAMPLING         Sample I.D.       WU W W W W W W W W W W W W W W W W W W</td><td>OCOTILLO ENVIRONMENTAL         BILL TO           JOHN GOOD         P.O. #           2125 N. FRENCH DR.         Company: Apache Corp           HOBBS         State:         NM         Zip:         88241         Attn: Natalie Gladden           575-631-3277         Fax #         Address: PO Box 1849         Project Owner:         APACHE CORP         City: Eurice           HAWK B-1 #50L         State:         NM         Zip:         88231           HILL ROAD 1.2 MI West of 248         Phone #:         575-390-4186           JOHN GOOD         Fax #         Sample 1.D.         State:         NM           Sample 1.D.         Will Will Will Will Will Will Will Will</td><td>OCOTILLO ENVIRONMENTAL         BILL TO           JOHN GOOD         P.O. #           2125 N. FRENCH DR.         Company: Apache Corp           HOBBS         State:         NM         Zip:         88241         Attn: Natalie Gladden           575-631-3277         Fax #         Address: PO Box 1849         Froject Owner:         APACHE CORP         City: Eunice         B0211           HULL ROAD 1.2 IMI West of 248         Phone #:         575-390-4186         State:         NM         Zip:         88231           JOHN GOOD         Fax #:         V         V         State:         NM         Zip:         88231           HILL ROAD 1.2 IMI West of 248         Phone #:         575-390-4186         SompLing         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y</td><td>OCOTILLO ENVIRONMENTAL         BILL TO           JOHN GOOD         P.O. #           2125 N. FRENCH DR.         Company: Apache Corp           HOBBS         State:         NM         Zip:         88241         Attn: Natalie Gladden           575-631-3277         Fax #         Address:         PO Box 1849         Project Owner:         APACHE CORP         City: Eurice           HAWK B-1 #50L         State:         NM         Zip:         88231         State:         NM         Zip:         88231           HILL ROAD 1.2 MI West of 248         Phone #:         575-330-4186         Fax #:         Sample I.D.         Some market in the ince         Sample I.D.         Some market ince         Sample I.D.         Same I.S.S.S.S.</td><td>OCOTILLO ENVIRONMENTAL         BILL TO         A           JOHN GOOD         P.O. #         Company: Apache Corp         Address: PO Box Hattile Gladden.         For Box Hattile Gladden.</td><td>OCOTILLO ENVIRONMENTAL         BILL TO         ANALY           JOHN GOOD         P.O.#         Company Apache Corp         Analy           2125 N. FRENCH DR.         Company Apache Corp         Attr. Natalia Gladden.         575-531-3277           Fax #:         Address PO Box 1849         Project Owner:         APACHE CORP         City: Eunice           HAWK B-1 #50L         State:         NM         Zip:         88231           HILL ROAD.1.2 MI West of 248         Phone #:         575-390-4186         Some Fax #:           JOHN GOOD         Fax #:         Matrix         PRESERV         SAMPLING           Sample I.D.         Matrix         PRESERV         SAMPLING         Some Haw State           BOTTOM - 1         G         1         X         X         15-Aug         X         X           BOTTOM - 2         G         1         X         X         15-Aug         X         X           SIDEWALL - 4         G         1         X         X         15-Aug         X         X</td><td>OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS           JOHN GOOD         P.O.#         Company. Apache Corp         Analysis           2125 N. FRENCH DR.         Company. Apache Corp         Attr. Natalia Gladden.         State: NM         Zip:         88241         Attr. Natalia Gladden.         State: NM         Zip:         88241         Attr. Natalia Gladden.         State: NM         Zip:         88231           State:         NM KB-1 #50L         State:         NM         Zip:         88231         HILL ROAD 1.2 MI West of 248         Phone #:         575-390-4186         State:         NM         Zip:         88231         HILL ROAD 1.2 MI West of 248         Phone #:         575-390-4186         T         JUP         JUP</td><td>OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQU           JOHN GOOD         P.O. #         Company: Apache Corp         Address: PO Box 1849           7125 N. FRENCH DR.         Company: Apache Corp         House of the state of th</td><td>OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQUEST           JOHN GOOD         P.O.#         Company: Apache Corp         ANALYSIS REQUEST           2125 N. FRENCH DR         Company: Apache Corp         HOBBS         Attr. Natalie Gladden         Attr. Natalie Gladden           575-631-3277         Fax #         Address: PO Box 1849         Attr. Natalie Gladden         Attr. Natalie Gladden           975-631-3277         Fax #         Address: PO Box 1849         State: NM         Zip         88231           HAWK B-1 #50L         State:         NM         Zip         88231         State: NM         Zip           JOHN GOOD         Fax #         State:         NM         Zip         Sample I.D.         So         So           Sample I.D.         So         State:         MATRIX         PRESERV         SAMPLING         So         So           Sample I.D.         So         State:         Matrix         PRESERV         SAMPLING         So         So         So         So           BOTTOM - 1         G 1         X         X         15-Aug         X         X         X         X         X         X         X         X         X         X         X         X         X         X</td><td>OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQUEST           JOHN GOOD         P.O.#         Company: Apache Corp         ANALYSIS REQUEST           2125 N. FRENCH DR.         Company: Apache Corp         Analysis Request           575-631-3277         Fax#         Address: PO Box 1849         Foreign and the state of Carbon and</td><td>OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQUEST           JOHN GOOD         P.O.#         Company. Apache Corp         ANALYSIS REQUEST           2125 N. FRENCH DR.         Company. Apache Corp         Address. PO Box 1849         Address. PO Box 1849           575-631-3277         Fax #         Address. PO Box 1849         Frence         State:         NM           HAWK B1 #SOL         State:         NM         Zip         B8231         Frence         State:         NM           HAWK B1 #SOL         State:         NM         Zip         B8231         Frence         State:         NM         Zip         State:         NM           JOHN GOOD         Fax #         FRESERV         SAMPLING         State:         NM         Zip         State:         NM         Zip         Sig         &lt;</td><td>DCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQUEST           JOHN GOOD         P.O.#.         Company Apache Corp         Address: PO Box 1849           2125 N. FRENCH DR.         Company Apache Corp         Address: PO Box 1849         Address: PO Box 1849           575-631-3277         Fax #         Address: PO Box 1849         For the corp           Project Owner:         APACHE CORP         City: Eunice         State:         NM           HAWK B-1 #SOLO         State:         NM         Zip: 88231         Fax #           HILL ROAD 1.2 MI West of 248         Phone #:         575-330-4186         Freeserv         SAMPLING           Sample I.D.         State:         MARX # PRESErv         SAMPLING         State:         Marx #           BOTTOM - 1         G 1         X         X         15-Aug         X         X         X           BOTTOM - 2         G 1         X         X         15-Aug         X         X         X         X           BOTTOM - 3         G 1         X         X         15-Aug         X         X         X         X           SIDEWALL - 5         G 1         X         X         15-Aug         X         X         X         X  </td></t<>	OCOTILLO ENVIRONMENTAL         Project Owner         Co           10000         2125 N. FRENCH DR.         Co           HOBBS         State:         NM         Zip         88241         Att           575-631-3277         Fax #:         Ad           Project Owner:         APACHE CORP         Cit           HAWK B-1 #50L         Stz         Stz           HILL ROAD 1.2 MI West of 248         Ph           JOHN GOOD         Fa           Sample I.D.         MATRIX           WU V. W.	OCOTILLO ENVIRONMENTAL         P.O. #.           JOHN GOOD         P.O. #.           2125 N. FRENCH DR.         Compa           HOBBS         State:         NM         Zip:         88241         Attn. Na           575-631-3277         Fax #:         Address           Project Owner:         APACHE CORP         City: EL           HAWK B-1 #50L         State:         NM         State:           HILL ROAD 1.2 MI West of 248         Phone         Fax #:         JOHN GOOD           JOHN GOOD         Fax         MATRIX         PR           JOHN GOOD         State:         JOHN GOOD         Fax #:           JOHN GOOD         Fax         Project Owner:         Apache core           JOHN GOOD         Fax #:         JOHN GOOD         Fax #:           JOHN GOOD         Fax #:         Project Owner:         Ware of 248           State:         JOHN GOOD         Fax #:         JOHN GOOD         Fax #:           Sample I.D.         Ware of 248         Phone :         BOTTOM :         Ware of 248           BOTTOM - 1         G 1         X         Vare of 248         Yare of 248           BOTTOM - 2         G 1         X         Vare of 248         Yare of 248	OCOTILLO ENVIRONMENTAL         JOHN GOOD         P.O. #         Company: /         ADAM GOOD         P.O. #         Company: /         HOBBS         State: NM       Zip:       88241       Attn. Natali         575-631-3277       Fax #       Address: Project Owner:         APACHE CORP       City: Eunic         HAWK B-1 #50L       State: N         HILL ROAD 1.2 MI West of 248       Phone #:         JOHN GOOD         Sample I.D.       MATRIX       PRESE         Sample I.D.       MATRIX       PRESE	OCOTILLO ENVIRONMENTAL         JOHN GOOD       P.O. #         2125 N. FRENCH DR.       Company: Apac         HOBBS       State:       NM       Zip:       88241       Attn: Natalie Gla         575-631-3277       Fax #:       Address: PO Bo       Project Owner:       APACHE CORP       City: Eunice         Project Owner:       APACHE CORP       City: Eunice       NM         HILL ROAD 1.2 MI West of 248       Phone #       JOHN GOOD       Fax #:         JOHN GOOD       Fax       MATRIX       PRESERV         JOHN GOOD       State:       NM         HILL ROAD 1.2 MI West of 248       Phone #         JOHN GOOD       Fax #:         Sample I.D.       Wein Will Will Will Will Will Will Will Wi	OCOTILLO ENVIRONMENTAL       BILL TO         JOHN GOOD       P.O.#         2125 N. FRENCH DR.       Company: Apache Corp         HOBBS       State:       NM       Zip:       88241       Atm. Natalie Gladden         575-631-3277       Fax #:       Address: PO Box 1849       Address: PO Box 1849         Project Owner:       APACHE CORP       City: Eunice         HAWK B-1 #50L       State:       NM       Zip         HILL ROAD 1.2 MI West of 248       Phone #:       575-39         JOHN GOOD       Fax #:       JOHN GOOD       Fax #:         JOHN GOOD       Fax #:       JOHN GOOD       PRESERV       SAMP         Sample I.D.       AW       Sup You	OCOTILLO ENVIRONMENTAL     BILL TO       JOHN GOOD     P.O. #       2125 N. FRENCH DR.     Company: Apache Corp       HOBBS     State:     NM       575-631-3277     Fax #:     Address: PO Box 1849       Project Owner:     APACHE CORP     City: Eunice       HAWK B-1 #50L     State:     NM       Zip:     88241     Attn: Natalie Gladden       Toject Owner:     APACHE CORP     City: Eunice       HAWK B-1 #50L     State:     NM       Zip:     88231       HILL ROAD 1.2 MI West of 248     Phone #:     575-390-4186       JOHN GOOD     Fax #:     SAMPLING       Sample I.D.     WW W W W W W W W W W W W W W W W W W W	OCOTILLO ENVIRONMENTAL       BILL TO         JOHN GOOD       P.O. #         2125 N. FRENCH DR.       Company: Apache Corp         HOBBS       State:       NM       Zip:       88241       Attn: Natalie Gladden         575-631-3277       Fax #:       Address: PO Box 1849         Project Owner:       APACHE CORP       City: Eunice         HAWK B-1 #50L       State:       NM       Zip:       88231         HILL ROAD 1.2 MI West of 248       Phone #:       575-390-4186       Fax #:         JOHN GOOD       Fax #:       MATRIX       PRESERV       SAMPLING         Sample I.D.       WU W W W W W W W W W W W W W W W W W W	OCOTILLO ENVIRONMENTAL         BILL TO           JOHN GOOD         P.O. #           2125 N. FRENCH DR.         Company: Apache Corp           HOBBS         State:         NM         Zip:         88241         Attn: Natalie Gladden           575-631-3277         Fax #         Address: PO Box 1849         Project Owner:         APACHE CORP         City: Eurice           HAWK B-1 #50L         State:         NM         Zip:         88231           HILL ROAD 1.2 MI West of 248         Phone #:         575-390-4186           JOHN GOOD         Fax #         Sample 1.D.         State:         NM           Sample 1.D.         Will Will Will Will Will Will Will Will	OCOTILLO ENVIRONMENTAL         BILL TO           JOHN GOOD         P.O. #           2125 N. FRENCH DR.         Company: Apache Corp           HOBBS         State:         NM         Zip:         88241         Attn: Natalie Gladden           575-631-3277         Fax #         Address: PO Box 1849         Froject Owner:         APACHE CORP         City: Eunice         B0211           HULL ROAD 1.2 IMI West of 248         Phone #:         575-390-4186         State:         NM         Zip:         88231           JOHN GOOD         Fax #:         V         V         State:         NM         Zip:         88231           HILL ROAD 1.2 IMI West of 248         Phone #:         575-390-4186         SompLing         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y	OCOTILLO ENVIRONMENTAL         BILL TO           JOHN GOOD         P.O. #           2125 N. FRENCH DR.         Company: Apache Corp           HOBBS         State:         NM         Zip:         88241         Attn: Natalie Gladden           575-631-3277         Fax #         Address:         PO Box 1849         Project Owner:         APACHE CORP         City: Eurice           HAWK B-1 #50L         State:         NM         Zip:         88231         State:         NM         Zip:         88231           HILL ROAD 1.2 MI West of 248         Phone #:         575-330-4186         Fax #:         Sample I.D.         Some market in the ince         Sample I.D.         Some market ince         Sample I.D.         Same I.S.S.S.S.	OCOTILLO ENVIRONMENTAL         BILL TO         A           JOHN GOOD         P.O. #         Company: Apache Corp         Address: PO Box Hattile Gladden.         For Box Hattile Gladden.	OCOTILLO ENVIRONMENTAL         BILL TO         ANALY           JOHN GOOD         P.O.#         Company Apache Corp         Analy           2125 N. FRENCH DR.         Company Apache Corp         Attr. Natalia Gladden.         575-531-3277           Fax #:         Address PO Box 1849         Project Owner:         APACHE CORP         City: Eunice           HAWK B-1 #50L         State:         NM         Zip:         88231           HILL ROAD.1.2 MI West of 248         Phone #:         575-390-4186         Some Fax #:           JOHN GOOD         Fax #:         Matrix         PRESERV         SAMPLING           Sample I.D.         Matrix         PRESERV         SAMPLING         Some Haw State           BOTTOM - 1         G         1         X         X         15-Aug         X         X           BOTTOM - 2         G         1         X         X         15-Aug         X         X           SIDEWALL - 4         G         1         X         X         15-Aug         X         X	OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS           JOHN GOOD         P.O.#         Company. Apache Corp         Analysis           2125 N. FRENCH DR.         Company. Apache Corp         Attr. Natalia Gladden.         State: NM         Zip:         88241         Attr. Natalia Gladden.         State: NM         Zip:         88241         Attr. Natalia Gladden.         State: NM         Zip:         88231           State:         NM KB-1 #50L         State:         NM         Zip:         88231         HILL ROAD 1.2 MI West of 248         Phone #:         575-390-4186         State:         NM         Zip:         88231         HILL ROAD 1.2 MI West of 248         Phone #:         575-390-4186         T         JUP         JUP	OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQU           JOHN GOOD         P.O. #         Company: Apache Corp         Address: PO Box 1849           7125 N. FRENCH DR.         Company: Apache Corp         House of the state of th	OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQUEST           JOHN GOOD         P.O.#         Company: Apache Corp         ANALYSIS REQUEST           2125 N. FRENCH DR         Company: Apache Corp         HOBBS         Attr. Natalie Gladden         Attr. Natalie Gladden           575-631-3277         Fax #         Address: PO Box 1849         Attr. Natalie Gladden         Attr. Natalie Gladden           975-631-3277         Fax #         Address: PO Box 1849         State: NM         Zip         88231           HAWK B-1 #50L         State:         NM         Zip         88231         State: NM         Zip           JOHN GOOD         Fax #         State:         NM         Zip         Sample I.D.         So         So           Sample I.D.         So         State:         MATRIX         PRESERV         SAMPLING         So         So           Sample I.D.         So         State:         Matrix         PRESERV         SAMPLING         So         So         So         So           BOTTOM - 1         G 1         X         X         15-Aug         X         X         X         X         X         X         X         X         X         X         X         X         X         X	OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQUEST           JOHN GOOD         P.O.#         Company: Apache Corp         ANALYSIS REQUEST           2125 N. FRENCH DR.         Company: Apache Corp         Analysis Request           575-631-3277         Fax#         Address: PO Box 1849         Foreign and the state of Carbon and	OCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQUEST           JOHN GOOD         P.O.#         Company. Apache Corp         ANALYSIS REQUEST           2125 N. FRENCH DR.         Company. Apache Corp         Address. PO Box 1849         Address. PO Box 1849           575-631-3277         Fax #         Address. PO Box 1849         Frence         State:         NM           HAWK B1 #SOL         State:         NM         Zip         B8231         Frence         State:         NM           HAWK B1 #SOL         State:         NM         Zip         B8231         Frence         State:         NM         Zip         State:         NM           JOHN GOOD         Fax #         FRESERV         SAMPLING         State:         NM         Zip         State:         NM         Zip         Sig         <	DCOTILLO ENVIRONMENTAL         BILL TO         ANALYSIS REQUEST           JOHN GOOD         P.O.#.         Company Apache Corp         Address: PO Box 1849           2125 N. FRENCH DR.         Company Apache Corp         Address: PO Box 1849         Address: PO Box 1849           575-631-3277         Fax #         Address: PO Box 1849         For the corp           Project Owner:         APACHE CORP         City: Eunice         State:         NM           HAWK B-1 #SOLO         State:         NM         Zip: 88231         Fax #           HILL ROAD 1.2 MI West of 248         Phone #:         575-330-4186         Freeserv         SAMPLING           Sample I.D.         State:         MARX # PRESErv         SAMPLING         State:         Marx #           BOTTOM - 1         G 1         X         X         15-Aug         X         X         X           BOTTOM - 2         G 1         X         X         15-Aug         X         X         X         X           BOTTOM - 3         G 1         X         X         15-Aug         X         X         X         X           SIDEWALL - 5         G 1         X         X         15-Aug         X         X         X         X

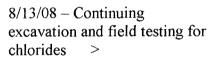
2.5

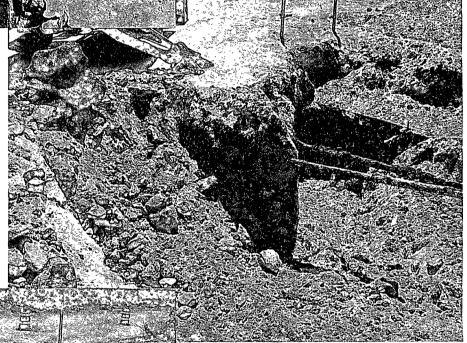
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based on contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30-days affiner completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

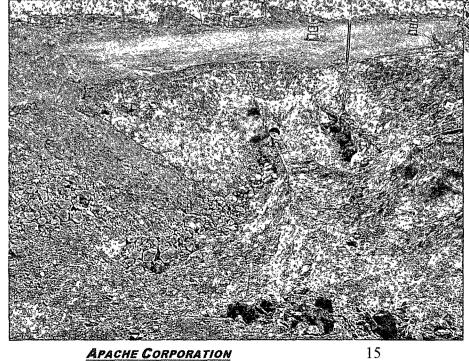
Rélinquished by:	Date:	Received By:		Phone Result: Ves No. Add'l Phone#: 631-3277 (J. Good)
XI h I	8/18/08	· · / / /	11	Fax Result: Yes 🗹 No Add'l Fax #:
11h Jan	Time:	112	(1/21	Remarks. J. Good or Natalie Gladden will pickup results when completed please do not fax or
Jun sood	10:05	Mots	- Lehan	mail unless requested. Thanks.
Rélinquished by:	Date	Received By: ()		
		· ·		
	Time:		, · ·	
4 j		1	,	
Delivered By: (Circle One)	St	mple Condition	CHECKED BY:	
and the second se	Coc		(Initials)	
Sampler - UPS - Bus - Other		Ye: Yes	Indh	
	X	No No -	MINU	Note: Cardinal cannot accept verbai changes. Please fax written changes to 575-393-2476.



8/12/08 – Excavation of < contaminated soil

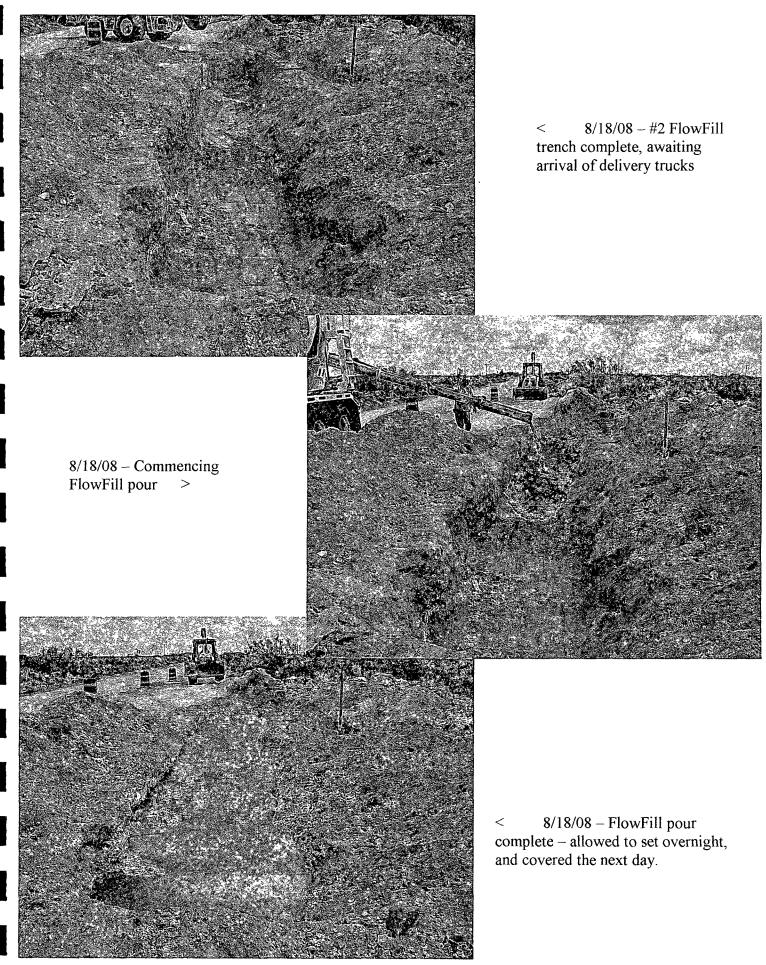






8/15/08 - Excavation complete, < tested and ready for backfill.

15



1625 N. French Dr., Hobbs, NM 88240       Energy Minerals <u>District II</u> Energy Minerals         1301 W Grand Avenue, Artesia, NM 88210       Oil Conse         District III       001 Conse         1000 Rio Brazos Road, Aztec, NM 87410       1220 Sout         District IV       1220 Sout         1220 S St. Francis Dr., Santa Fe, NM 87505       Santa Fe						of New Mexico Is and Natural Resources Form C-141 Revised October 10, 2003 AUG 1 2 2008 mit 2 Copies to appropriate District Office in accordance District Office in accordance Dist							
Surface Ow	ner Gary	Deck		<b></b>		State of NM			Lease N	lo. 30-025	5-38012	<u>}</u>	
Unit Letter	Section	Township	Range	Feet from the		DN OF RELEASE th/South Line   Feet from the   East/West Line   County							
1	8	215	37E	2200'	South	Line	380	East I	line	Lea			
L			L	e32 deg 29.504	<b></b>		g 10.571		<u></u>	1	STR 8		
				•	-	OF REL				Ľ	• ١٢٠ در	-	
Type of Rele Source of Re			ater				Release 15bbls		Volume F 8/5/08 3p	Recovered	10bbls		
Was Immedi		Given?				If YES, To	Whom?		0,2/0,0 2	J11	. <u></u>		
By Whom? N	Intolio Clod		Yes 🔀	No 🗌 Not Rec	luired	Larry John					<u> </u>		
Was a Water		ched?				8/5/08 3:55pm If YES, Volume Impacting the Watercourse.							
IC	····· · · · · · · · · · · · · · · · ·		Yes x										
Well was put leak is under	If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* Well was put back onto production which caused the flowline to rupture. Flowline was re-routed and vacuum truck recovered 10bbls of fluid. Flowline leak is under road inside a culvert.												
NMOCD Gu	Describe Area Affected and Cleanup Action Taken.* NMOCD Guidelines will be followed in remediation process.												
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.													
Signature:	ht	OIL CONSERVATION DIVISION											
Printed Name	Printed Name: Natalie Gladden						Approved by District Supervisor ENVIRONMENTAL ENGINEER						
Title. EH&S	Environme	Approval Dat	e: 8.12.08	. 1	Expiration 1	Date: 10	. 15 .	08					
E-mail Addre	ss: natalie.	Conditions of	-			Attached							
Date: 8-11-	08	1021	Phone	505-390-4186		Suion	IT FINAL B	м -		1RP	<b>≠</b>  d	123	

* Attach Additional Sheets If Necessary

	back	10	Incide	nt Date:	8/5/08	NMOC	D Notified:	8/5/08	3	
SITE:	Hawk B-1 #50					A	PI No.	30-025-3801	4	
Company:			Corporation							
Street Add			nice Loop, Hw	y 207						
Mailing Ad		P.O. Box								
City, State		· · · ·	NM 88231							
Represent		Natalie G								
	tative Telephone:	575-390-	4186						·	
Telephone					4				···	
Fluid Volu	me Released (bbl):		Volume Re			1		elease: >	5	
		5 bbl: Notify NMO	-				•			
•		it Form C-141 with	in 15 days. (Also			release of	>50 mcf Natura	al Gas).		
	l, or Pit (LSP) Name	9:		Hawk B						
	Contamination:	0.11		Flow Lin						
	er, i.e. BLM, ST, Fe	e, Otner:			Deck Esta		· · · · · · · · · · · · · · · · · · ·			
LSP Dime	nsions:				' (maximur	n aimer	sions)			
LSP Area			~	525 -	π					
	of Reference Point (						· · · · · · · · · · · · · · · · · · ·			
	listance and direction	on from RP:						<b>.</b>		
Latitude: N				32	29.504					
Longitude				103	10.571	-	······			
	above mean sea lev			<u>3533 f</u>	eet 107	7 meters	3			
	rom South Section		· · · · · · · · · · · · · · · · · · ·	2060			······································			
	rom East Section L			50						
	Unit Letter and 1/4	1/4:	UL-	<b> </b>	NE 1/4 0	f SE	1/4			
Location -	· · · · · · · · · · · · · · · · · · ·			8						
	Township			21S						
Location -				37E						
Location -				Lea						
	ater body within 100		the second s	0						
	ater body within 100			0	,					
	water wells within 1			0						
	water wells within 1			0						
	al water wells within	All and the second s		0						
	al water wells within			0	<b>.</b>					
	er supply wells with			0						
	er supply wells with			0						
	et) from land surface		ater (DG):	70						
	et) of lowest contam			10		•				
Depth (fee	t) to Ground Water			60						
	1. Ground Wat	ter			otection A		3. Distan	ce to Surface	Water	
If Depth to	GW <50-feet: 20 p	oints	from private	If <1000' from water source, or, <200' from private domestic water source:				<200 horizontal feet: 20 points		
If Depth to	GW 50 to 100-feet		20 points If >1000' from water source, or, >200'				200-1000 horizontal feet: 10 poi			
f Depth to	GW >100-feet: 0 p	from private points	from private domestic water source: 0 points				>1000 horizontal feet: 0 points			
Ground W	ater Score: 10	Wellhead F					Surface Water Score: 0			
Site Ranki	ng (1 + 2 + 3):	10								
		<b>Total Site Ran</b>	king Score a	nd Acce	ptable Co	ncentra	tions			
Parameter	20 c	the second s		10				0		
Benzene ¹	10-p	pm		10-р	pm	10-ppm				
			50-ppm							
BTEX1	50-p	ma		50-n	om			50-ppm		

District I			State	of Nev	w Me	kico				Form C-141	
1625 N. French Dr	., Hobbs, NM 88240	als and	l Natu	ral Resource	es		Re	vised June 10, 2003			
District II		ØEA									
1301 W. Grand Av	enue, Artesia, NM 8	8210	EIVED								
Distric III		AUG I	Oil Cons 7 2009 1220 Sou	servat	tion D	ivision			Submit 2 C	opies to appropriate	
1000 Rio Brazos R	oad, Aztec, NM 874		1220 Sou	ith St.	. Fran	ıcis Dr.			District C	Office in accordance	
District IV		LAODS	SOCD Santa	I Fe, N	<b>IM 87</b>	505			wit	h Rule 116 on back	
1220 S. St. Francis	Dr , Santa Fe, NM 8	37505				and the second				side of form	
	01		lease Notificat	tion ar	nd Co	rrective Act	tion				
Name of Comp		PERATOR Apache Co	rnoration		Contact Natalie Gladden						
Address	P.O. Box 1	the second se	Eunice, NM 88231		Telephone No.     575-390-4186						
Facility Name		Hawk I			Facility Type Production Well						
Surface Owner	Private	- Deck Estate	Mineral (	Dwner				I A	API No 30-	-025-38014	
			LOCATI		FRE	LEASE		L			
Unit Letter	Section	Township	Range	Feet fi		Feet from	Long	tude-W	Latitude-N	County	
Т	8	218	37E	South 1	Line	East Line		1762	32.4917	Lea	
1	0	215	37E	206	0	50	103	1702	Lea		
			NATUR	E OF	' REL	EASE					
Type of Release				1	Volume of Release Volu			Volume	me Recovered		
	ssociated Produ	uced Water			Approx 15 bbl				<u>10 bbl</u>		
Source of Relea	ase				Date and Hour of Occurrence Da 08/05/08 AM			Date and	Date and Hour of Discovery 08/05/08 3:00PM		
	Notice Given?			T	f YES	To Whom?		1	00/03/00 9.001 14		
in as mine and	YES		✓ Not Required	Î	Larry Johnson - NMOCD						
By Whom?	I	Natalie Gladder		Ī	Date an	d Hour			/08 4:00PM		
Was a Waterco	urse Reached?	ΠYES	NO		f YES, NA	Volume Impac	cting the	Watercou	irse		
If a Watercours	se was Impacted,			11							
	·····,										
Describe Course	of Problem and	Pamadual Action	n Token *	•		<u> </u>					
			xe pressure surge	ed cause	d flow	line to runture.	Flow line	was re-ro	outed and vacuu	n truck	
recovered 10-bb			F			inter to rup rup to					
Describe Area	Affected and Cle	anup Action Tak	ten. *								
			emove all soil with								
			om would have requ								
NM.	Lea County Roa	a Dept. required	standards. Remedia	ation an	a resto	ration was com	pieted by	Ocotilio E	Invironmental, 1	LC., Hobbs,	
	he information given a	above is true and corr	plete to the best of my l	knowledge	e and un	derstand that pursua	ant to NMO	CD rules and	d regulations all oper	rators are required to	
1 ·			ective actions for release or of liability should their		-						
ground water, surface	ce water, human heal	th or the environmen	t In addition, NMOCD								
other federal, state,	or local laws and/or re	gulations					CONSEL	2VATIO	N DIVISION		
Signature:						VIL	0010201	MAID	LI DEVISION	•	
Printed Name:	·····	Natalie Gla	ddan								
		Ivatane Gia		A	Approv	ed by District S	Superviso	r:			
Title.	Enviro	nmental Tech -	Permian Basin			1.5					
						al Date:	1.	Expiration			
E-Mail Address	s: <u>Natal</u>	ie.Gladden@us	sa.apachecorp.co	om   ^C	onaitie	ons of Approva	u:	1 <b>RP</b> #	1925		
										Attached	
Date.	7/31/2009	Phone:	575-390-4186								
	ABACHE CODI	OPATION		19				<u>п</u> и	VK B-1 #50		
	Apache Corporation							- nav	VI D-1 #30		