istrict I i25 N. French Dr., Hobbs, NM 88240 istrict II i01 W. Grand Avenue, Artesia, NM 88210 istrict III 000 Rio Brazos Road, Aztec, NM 87410 istrict IIV 220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 HOBBS OCD

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Santa Fe, NM 87505

			Rele	ease Notific	cation	and Co	rrective A	ction							
						OPERAT	ΓOR		☐ Initia	l Report		Final Report			
Vame of Co		Apache (Contact	Natalie Glad	lden							
<u>Address</u>		ox 1849, Eu	inice, NM	1, 88231		Telephone N									
Facility Nar	me <u>H</u> a	wk B-1 #55				Facility Typ	e Producin	g Well							
Surface Ow	ner De	eck Estate		Mineral C	Owner	State of NM			Lease N	Lease No. 30-025-39511					
				LOCA	ATION	N OF REI	LEASE								
Jnit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/V	est Line	County					
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			Lat	itude	,	Longitue	de								
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Source of Re		w Line					lour of Occurrence	ce		Hour of Disc					
Vas Immedi	ate Notice		Yes [] No ⊠ Not R	equired	If YES, To Geoffrey L									
3v Whom?	Natalie	Gladden				Date and F	lour 12/07/11	11:50 a	ım						
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The leak affe amples were lean caliche hereby cert	ected the ca e collected e and levele ify that the	from the exca d. information g	ounding the vation and iven above	ne well head. Imp	reial labo	bratory for ch	loride and TPH control	onfirmat understar	ion. The e	xcavation was	as backf OCD rul	illed with			
nublic health hould their or the enviro	or the envoperations	ironment. The	e acceptan adequately OCD acce	nd/or file certain ce of a C-141 rep y investigate and ptance of a C-141	ort by the	e NMOCD m e contaminati	arked as "Final R on that pose a three the operator of	Report" d reat to gr responsi	oes not reli ound water bility for c	leve the oper r, surface wa ompliance w	rator of l iter, hum vith any	liability nan health			
Signature:	ne: Natal	ie Gladden	G	Jadde	بند	Approved by	Enviro District Supervis	onmer	tal Spec	z z	5				
itle: EH	I&S Enviro	nmental Tech				Approval Da	te: 10 09 17	<u>ا</u>	Expiration	Date: —					
E-mail Addr	ress: Nat	alie.gladden@)apacheco	rp.com		Conditions o	f Approval:	_		Attached					
Date: .ttach Add	itional She	eets If Neces		e: (575) 390-4186	5	 -				IRP-1	0-12	-2852			



HOBBS OCD

OCT 1 2 2012

RECEIVED

APACHE CORPORATION

P.O.Box 1849 Eunice, NM 88231 Phone 575.394.3159

Hawk B-1 #55

Closure Report

API 30-025-39511

Release Date: December 6, 2011

Unit Letter K, Section 8, Township 21S, Range 37E

approved

Teels Jehing

Ans specialist

NMOCD-DIST I

10109112

Rice Environmental Consulting & Safety

P.O. Box 5630 Hobbs, NM 88241 Phone 575.393.4411 Fax 575.393.0293

May 7, 2012

Geoffrey Leking New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau – District 1 1625 N. French Dr. Hobbs, NM 88240-9273

> RE: TERMINATION REQUEST Apache – Hawk B-1 #55 AD UL/K sec. 8 T21S R37E API No. 30-025-39511

Mr. Leking:

Apache Corporation has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the site referenced above.

Background and Previous Work

The site is an accidental discharge of produced water and crude oil associated with the Hawk B-1 #55. A flow line ruptured, releasing fluid onto the caliche pad surrounding the well head. An initial form C-141 was submitted by Apache Corporation on December 12, 2011 (Appendix A). The site is located northwest of Eunice, in unit letter 'K' of section 8, T21S, R37E in Lea County, New Mexico.

On December 6, 2011, RECS personnel initiated work on the Hawk B-1 #55 (Figure 1). Surface soil samples were collected and field tested for chloride. Headspace measurements were also taken in the field using a Photo Ionization Detector (PID). The samples were submitted to a commercial laboratory for chloride and TPH (GRO/DRO) analyses (Appendix C). Chloride ranged from 32.0 ppm (parts per million or mg/kg) to 688 ppm. TPH ranged from <100 ppm to 6,350 ppm.

On December 12, 2011, RECS personnel collected representative grab samples from the excavation walls and a composite sample from the excavation floor (Figure 2). The samples were submitted to a laboratory for analyses. In all samples, chloride did not exceed 144 ppm, and TPH was <10.0 ppm (Appendix C).

Impacted soils were removed from the excavation and transported to a NMOCD approved disposal facility. The excavation was backfilled with clean caliche (Chloride 64.0 ppm) and leveled (Appendix C). See Appendix B for photographs of field activities.

Conclusion

Due to the complete removal of impacted soils, Apache submits the final C-141 (Appendix D) and respectfully requests the closure of the regulatory file for this site.

Apache Corporation appreciates the opportunity to work with you on this project. Please call Natalie Gladden (575) 390-4186 if you have any questions or comments.

Sincerely,

Bruce Baker Head Foreman

Bruce Balen

RECS

(575) 631-5157

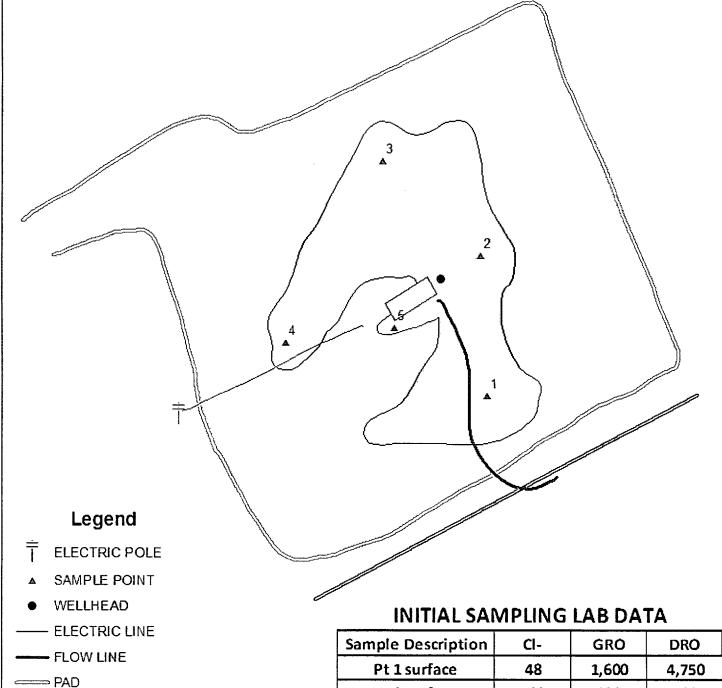
Attachments:

Figure 1: Site Plat with Initial Sampling Lab Data Figure 2: Site Plat with Final Excavation Lab Data

Appendix A: Initial Form C-141 Appendix B: Site Photographs Appendix C: Laboratory Results Appendix D: Final Form C-141

Figures

Site Plat



Sample Description	CI-	GRO	DRÓ
Pt 1 surface	48	1,600	4,750
Pt 2 surface	480	233	400
Pt 3 surface	128	1,070	1,230
Pt 4 surface	32	<100	<100
Pt 5 surface	688	1,000	1,300



TARGA BURIED LINE

STAIN (13,976 sq ft)

PUMPJACK

APACHE HAWK B-1 #55 AD

UL/K SECTION 8 T-21-S R-37-E LEA COUNTY, NM

Figure 1

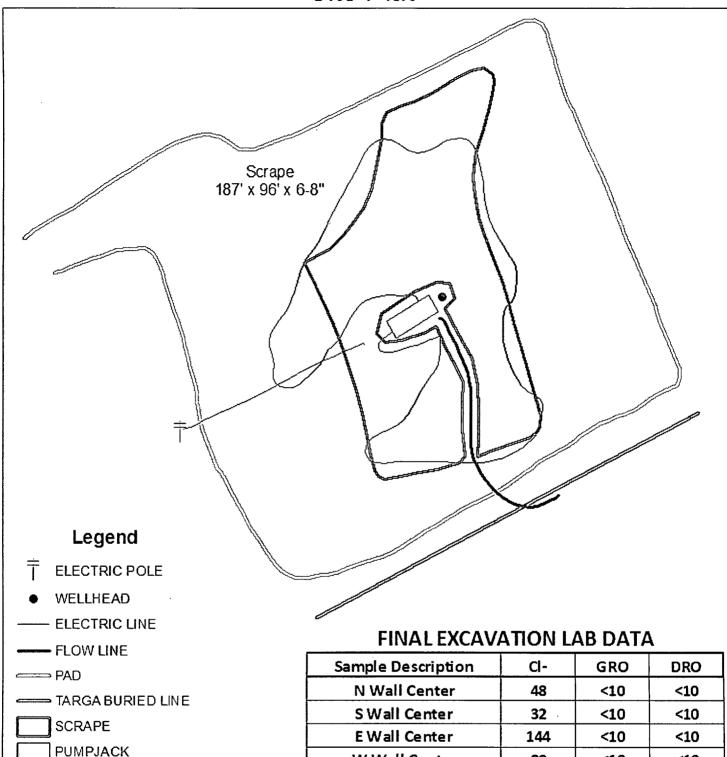


0 25 50 HHH Feet

GPS date: 12/6/11 by RP Drawing date: 12/12/11

Drafted by: T. Grieco, L. Weinheimer

Site Plat





STAIN (13,976 sq ft)

APACHE HAWK B-1 #55 AD

W Wall Center

5 Pt Bottom Comp

UL/K SECTION 8 T-21-S R-37-E LEA COUNTY, NM

Figure 2

80

32



<10

<10

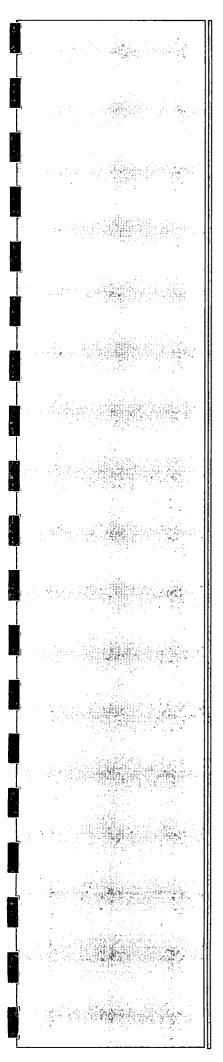
0	25	50
Ħ	HH	Feet

GPS date: 12/6/11 by RP Drawing date: 12/12/11

Drafted by: T. Grieco, L. Weinheimer

<10

<10



Appendix A Initial Form C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011
ubmit 1 Copy to appropriate District Office in

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rel	ease Notific	cation	and Co	rrective A	ction	l		-	<u> </u>
						OPERAT			Initi	al Report		Final Report
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Surface Ow				Mineral C				-	APING	. 30-025-3	8441	
Surface Ow	nei Deck	Ditaic							MIII	. 30-023-3	0441	
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			La	titude		Longitud	e		4			
				NAT	TURE	OF RELI						
Type of Rele Source of Re		duced Water					Release 10 our of Occurrence	Δ		Recovered 0 Hour of Dis		
Source of Re	lease riow	Time				12/06/11			12/06/11	Hour or Dis	covery	•
Was Immedi	ate Notice (l Vec] No 🛛 Not R	egnired	If YES, To Geoffrey L				•		
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	····		Yes 🗵									
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Signature:	Du	alu	()	ladde			Accel 10.		-1 Suran	7	•	
Printed Nam	e: Natalie (Gladden	<u> </u>			Approved by	Environmental 9	pecialis	ar Sheci	aust 🛰		
Title: EHS E	nvironment	al Tech				Approval Dat	e: 12/09/11		Expiration	Date: 02/0	9/12	<u>ــــــــــــــــــــــــــــــــــــ</u>
E-mail Addre	ess: <u>natalie</u>	.gladden@apa	nchecorp.c	om	i		Approval: SUB	wit	FINAL	Attached	, _	
Date: 12/1	2/11	Pho	one: 575-	390-4186		C-141 BY	02/09/12	_	•	1		-2852
* Attach Addi												

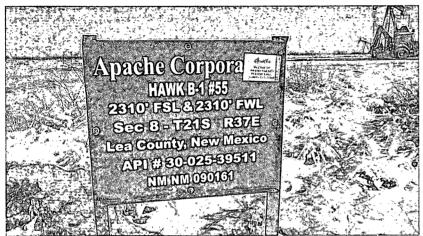


RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241

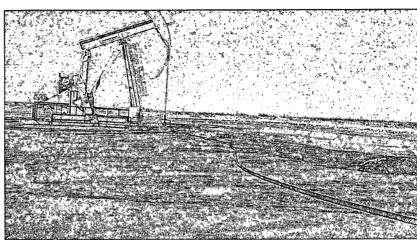
Phone 575.393.4411 Fax 575.393.0293

Apache Hawk B-1 #55 AD

Unit K, Section 8, T21S, R37E

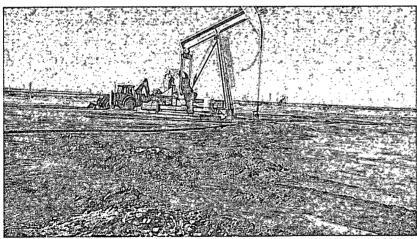


Site sign 12/6/11



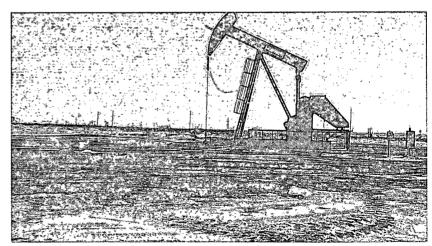
Initial leak area, facing northeast

12/6/11



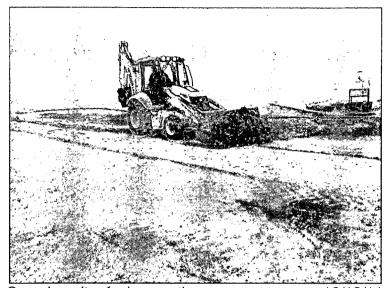
Initial leak area, facing northwest

12/6/11

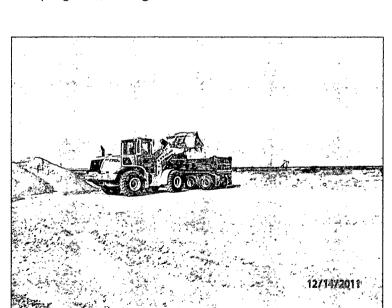


Initial leak area, facing south

12/6/11

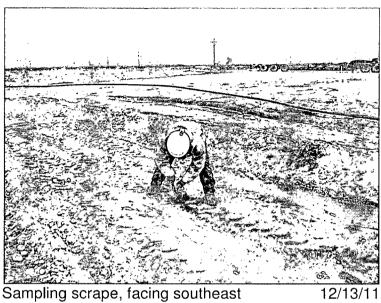


Scraping site, facing south

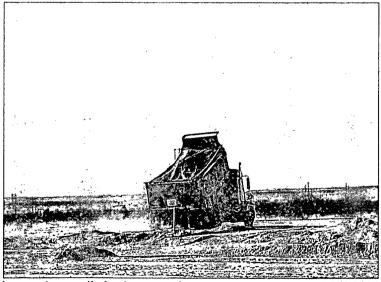


Exporting soil, facing north



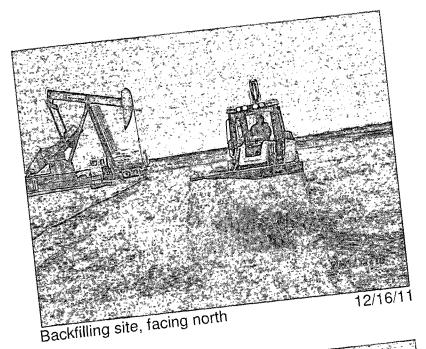


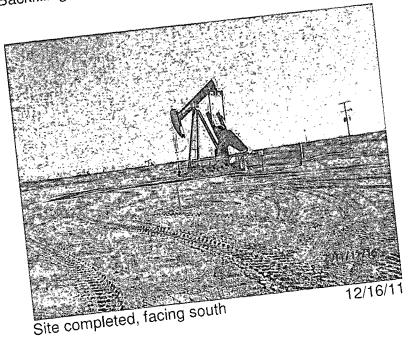
Sampling scrape, facing southeast

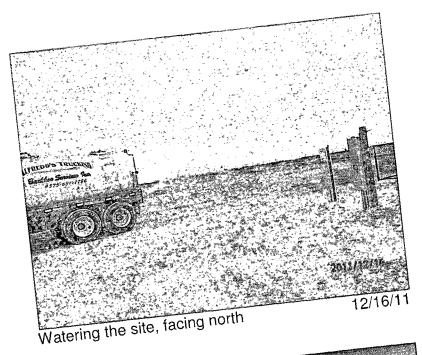


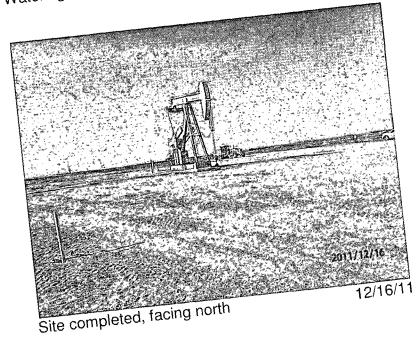
Importing soil, facing southwest

12/16/11











RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293



APACHE - EUNICE NATALIE GLADDEN P. O. BOX 1849 **EUNICE NM, 88231** Fax To: 394-2425

Received:

12/06/2011

Reported:

12/09/2011 HAWK B-1 #55

Project Name: Project Number:

NONE GIVEN

Sampling Date:

12/06/2011

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Location:

NOT GIVEN

Sample ID: PT. 1 SURFACE (H102610-01)

Chi	loric	le,	SM	45	00	CI-B	

ma	1	k
*****		-

Analyzed By: HM

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	12/07/2011	ND	416	104	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1600	100	12/07/2011	ND	197	98.5	200	0.173	
4750	100	12/07/2011	ND	168	84.0	200	4.20	
122	0/ 55.5.15							
	48.0 mg, Result 1600 4750	48.0 16.0 mg/kg Result Reporting Limit 1600 100 4750 100	48.0 16.0 12/07/2011 mg/kg Analyze Result Reporting Limit Analyzed 1600 100 12/07/2011 4750 100 12/07/2011	48.0 16.0 12/07/2011 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank 1600 100 12/07/2011 ND 4750 100 12/07/2011 ND	48.0 16.0 12/07/2011 ND 416 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS 1600 100 12/07/2011 ND 197 4750 100 12/07/2011 ND 168	48.0 16.0 12/07/2011 ND 416 104 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery 1600 100 12/07/2011 ND 197 98.5 4750 100 12/07/2011 ND 168 84.0	48.0 16.0 12/07/2011 ND 416 104 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 1600 100 12/07/2011 ND 197 98.5 200 4750 100 12/07/2011 ND 168 84.0 200	48.0 16.0 12/07/2011 ND 416 104 400 0.00 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 1600 100 12/07/2011 ND 197 98.5 200 0.173 4750 100 12/07/2011 ND 168 84.0 200 4.20

Surrogate: I-Chlorooctane

Surrogate: 1-Chlorooctadecane

88.6 %

57.6-158

Sample ID: PT. 2 SURFACE (H102610-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/07/2011	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	233	100	12/07/2011	ND	197	98.5	200	0.173	
DRO >C10-C28	400	400 100		12/07/2011 ND		84.0	200	4.20	

Surrogate: 1-Chlorooctane

93.0 %

55.5-154

Surrogate: 1-Chlorooctadecane

88.1%

57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE - EUNICE NATALIE GLADDEN P. O. BOX 1849 EUNICE NM, 88231 Fax To: 394-2425

Received:

12/06/2011

Reported: Project Name: 12/09/2011 HAWK B-1 #55 NONE GIVEN

Project Number: Project Location:

NOT GIVEN

Sampling Date:

12/06/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: PT. 3 SURFACE (H102610-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/07/2011	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result Reporting Lim		Analyzed Method Blank		BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1070 100		12/07/2011 ND		197	98.5	200	0.173	
DRO >C10-C28 1230 10		100	12/07/2011	ND	168	84.0	200	4.20	

Surrogate: 1-Chlorooctane

93.8 %

55.5-154

Surrogate: I-Chlorooctadecane

85.7%

88.3 %

57.6-158

57.6-158

Sample ID: PT. 4 SURFACE (H102610-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/07/2011	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	12/07/2011	ND	197	98.5	200	0.173	
DRO >C10-C28	8 <100 100		12/07/2011 ND		168	84.0	200	4.20	
Surrogate: 1-Chlorooctane	80.0	% 55.5-15	4						

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount 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 within thirty (30) days after 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 the services hereunder by Cardinal, regardless of 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.

Celey & Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE - EUNICE NATALIE GLADDEN P. O. BOX 1849 EUNICE NM, 88231 Fax To: 394-2425

Received:

12/06/2011

Reported:

12/09/2011

Project Name: Project Number: HAWK B-1 #55 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

12/06/2011

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

.

Jodi Henson

Sample ID: PT. 5 SURFACE (H102610-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	12/07/2011	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1000	100	12/07/2011	ND	197	98.5	200	0.173	
RO >C10-C28 1300 100		100	12/07/2011	ND	168	84.0	200	4.20	

Surrogate: 1-Chlorooctane 98.2 % 55.5-154
Surrogate: 1-Chlorooctadecane 99.9 % 57.6-158

Cardinal Laboratories *=Accredited Analyte

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Celeg & Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2326 (FAX (505) 393-2476

Company Name	Aftiche Corp		****					B	ILL	TO						P-7	ANA	LYSI	S R	EQUE	EST				7
Project Managé	" Matalie excelo	C:	7				P,	O. #:							·			T		T	T	T	1	·	1
Address:							Co	mpany:						ĺ											
City:	State: /C/M	Zip	o:				Át	tn:				_}													
Phone #:	Fax #:						Ac	idress:																	'
Project#:	Project Owner	r;					Ci	ty:															-		
Project Name:	FRANK BA	نابذ	: 1		•		St	ate:	Zip	:				,											
Project Location	n France						PF	one#:																	
Sampler Name:	Robotto Herra						Fa	x #:				ذَ لـ	الإ	X					1		-				
FOR LAB USE ONLY					MA	TRIX		PRESERV	/s	SAMPL	ING	-13		\approx].	
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APACHE - EUNICE NATALIE GLADDEN P. O. BOX 1849 **EUNICE NM, 88231** 394-2425 Fax To:

Received:

12/15/2011

Reported:

12/20/2011

Project Name:

HAWK B-1 #55 NONE GIVEN

Project Number: Project Location:

NOT GIVEN

Sampling Date:

12/15/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: N WALL CENTER (H102709-01)

Chloride,	SM45	OOCI-B	

Analyzed By: AP

		, <u>.</u>	741.61,24						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2011	ND	464	116	400	7.14	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/19/2011	NĎ	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

Surrogate: 1-Chlorooctane

89.2 %

55.5-154

Surrogate: 1-Chlorooctadecane

104%

99.1%

57.6-158

57.6-158

Sample ID: S WALL CENTER (H102709-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP		<u></u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2011	ND	432	108	400	3.77	
ТРН 8015М	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0 10.0		12/19/2011	ND	193	96.5	200	6.51	
Surrogate: I-Chlorooctane	82.5								

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount 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 within thirty (30) days after 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 subsidiances, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of 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.

Celegy D. Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE - EUNICE
NATALIE GLADDEN
P. O. BOX 1849
EUNICE NM, 88231
Fax To: 394-2425

Received:

12/15/2011

Reported:

12/20/2011 HAWK B-1 #55

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

12/15/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: E WALL CENTER (H102709-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2011	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	

Surrogate: 1-Chlorooctane

69.1 %

55.5-154

Surrogate: 1-Chlorooctadecane

90.3 %

57.6-158

Sample ID: W WALL CENTER (H102709-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2011	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0	10.0	12/19/2011	ND	193	96.5	200	6.51	
Surrogate: 1-Chlorooctane	86.4	% 55.5-15	4					2001711	_
Surrogate: 1-Chlorooctadecane 96.3 %		% 57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

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Celeg & Keine

Celey D. Keene, Lab Director/Quality Manager



APACHE - EUNICE NATALIE GLADDEN P. O. BOX 1849 EUNICE NM, 88231 Fax To: 394-2425

Received:

12/15/2011

Reported:

12/20/2011

Project Name: Project Number: HAWK B-1 #55 NONE GIVEN

108 %

57.6-158

Project Location:

Surrogate: 1-Chlorooctadecane

NOT GIVEN

Sampling Date:

12/15/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: 5 PT. BOTTOM COMP (H102709-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2011 ND		432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/19/2011	ND	184	92.1	200	1.05	
DRO >C10-C28	<10.0 10.0		12/19/2011 ND		193	96.5	200	6.51	
Surrogate: 1-Chlorooctane	91.2	% 55.5-15	4						

Sample ID: IMPORTED SOIL (H102709-06)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Result Reporting Limit		Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/19/2011	ND	432	108	400	3.77	

Cardinal Laboratories *=Accredited Analyte

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Celeg & Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2476

	(505) 393-2326 FAX (505) 393-24																									
Company Name		J					:	BILLTO					1					ANA	LYS	sis	REC	QUES	ST.			
Project Manage	" Natalit Gladden						F	2.0	. #:					1			1		T							
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Phone #:	Fax #:							Address:														ļ		i		
Project #:	Project Owne	r:					c	ity	<u>/:</u>															!		
Project Name:	A.D.						s	tat	te:		Zip:									Ì	-	ł		ı		
Project Locatio	on: Hawk B1#55 Osean Frayre						F	ho	ne #:						, 1									ı I		1 1
Sampler Name:	Osean Fraure						F	ax	#:					- 1	7											
FOR LAB USE ONLY	,	Τ.			MA	TRIX	(_[PRES	RV.	SAMPLI	NG	-]		~											
Lab I.D. #102709	Sample I.D. N-WAII CNTR S-WAII CNTR E-WAII CNTR W-WAII CNTR Spt Bottom Comp. Imparted Soil	90000 (G)RABOR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER SOIL	OIL	SLUDGE		ACID/BASE:		DATE 12-15-11 (2-15-11 10-15-11 12-15-11 12-15-11		-	KYYNXXCC,	NXXXX CAR											
PLEASE NOTE: Liability a	and Damages, Cardinal's liability and client's exclusive remedy for	any cla	m arisin	g whe	ine: based	m cor	attect or	tort,	shall be i	mited	to the amount par	by the client for	ı III.				1	<u>.i</u>			!_				Ь	
service. In no event shall (ing those for negligence and any other cause whatsoever shall be Cardinal be liable for incidental or consequental damages, includir	g witho	ut limita	don, bu	Isiness int	errupti	ons, los	s of u	ise, or lo:	s of or	ofits incurred by c	lient, its subsidia	aries,	plicable	e											
Relinquished B	ling out of or related to the performance of services hereunder by	Cardina	l, regiate	dless o	fwhether: Bv:	such c	laim Is 5	psad	upon an	y of the	above stated rea	Phone Re		:	☐ Yes) No	[Add	Phot	ne#:						
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Sampler - UPS	- Bus - Other:	100	ا ـر		Y Ýes	曾	Yes		23	H	·								۲.	,	-		_			Ī

Appendix D
Final Form C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Form C-141

Revised October 10, 2003

Release Notification and Corrective Action

						OPERA	ΓOR		☐ Initia	al Report	\boxtimes	Final Re	eport			
Name of Co	mpany	Apache C	Corp.			Contact	Natalie Glad	den								
Address	P.O. Bo	ox 1849, Eu	nice, NM	I, 88231	7	Telephone No. (575) 390-4186										
Facility Nan	ne Ha	wk B-1 #55			I	Facility Type Producing Well										
Surface Own	ner De	ck Estate		Mineral O	wner !	State of NM			Lease N	No. 30-025-	39511					
				LOCA	TION	ON OF RELEASE										
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/V	Vest Line	County						
K	8	21S	37E	2130	FSL		2310	FWL		Lea						
			Lat	itude		_ Longitud	le									
					HDF	–										
Type of Relea	ase Oil/E	Produced Water		IMI	UKE .		Release 10 bbl		Volume F	Recovered () bbl		\neg			
Source of Rel		w Line					our of Occurrence	e		Hour of Dis		 .	-			
						12/06/11			12/06/11							
Was Immedia	ate Notice (If YES, To			4							
			Yes [] No 🛛 Not Re	equired	Geoffrey L	eking									
By Whom?	Natalie	Gladden				Date and Hour 12/07/11 11:50 am										
Was a Watero	course Read	ched?				If YES, Vo	lume Impacting tl	he Wate	ercourse.							
			Yes 🛚	No												
If a Watercou	rse was Im	pacted, Descri	ibe Fully.	k												
Describe Cau	an of Dunkl	am and Dama	dial A atio	- Talson *									\dashv			
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			ven above	is true and comp	lete to th	e best of my	knowledge and u	nderstar	nd that purs	suant to NM	OCD ru	iles and	\dashv			
regulations al	Doperators	are required to	o report ai	nd/or file certain re	elease no	otifications ar	nd perform correc	tive acti	ions for rel	eases which	may en	danger				
public health	or the envi	ronment. The	acceptance	ce of a C-141 repo	rt by the	NMOCD m	arked as "Final Ro	eport" d	oes not rel	ieve the oper	ator of	liability	ŀ			
				investigate and re									h			
federal, state,				otance of a C-141	героп ас	es not renev	e the operator of r	responsi	Dility for C	omphance w	nin any	otner				
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		b. 1 . /	(1)	1220			Mac 10		114354	(7					
Signature:		blu (adde		Environmental Specialist										
Printed Name	: Natali	e Gladden				Approved by District Supervisor:										
Title: EH&	&S Environ	mental Tech				Approval Date: 1009112 Expiration Date:										
E-mail Addre		ilie.gladden@	nnachess:	n com	Conditions of Approval:											
E-mail Addre	os. Inala	ine.graduen(w)	араспесог	p.com		Conditions 01	дрргочат.	-		Attached			.			
Date:			Phone	(575) 390-4186						IRP-1	0-12	<u>285</u>	2			

^{*} Attach Additional Sheets If Necessary