

2350 W Marland Blvd Hobbs, NM 88240

Termination Report

November 21, 2016

Re: Hawk B-1 # 32 API# 30-025-06501 Case # 1RP-3527

To: Kristin Lynch

Environmental Specialist-New Mexico Oil Conservation Division Energy, Minerals and Natural Resources Department 1625 N. French Dr. Hobbs, NM 88240

Background Information:

On January 24, 2015 Apache Corporation discovered a release resulting from a ruptured flow line. The release was located north of Eunice, New Mexico with the average depth of groundwater in the area is approximately 69 feet. An initial C-141 was submitted to NMOCD and approved on February 6, 2015.

On January 26, 2015 samples were collected from the surface and 6 inches below ground surface and sent to a commercial laboratory for analysis of Chloride and TPH. The laboratory results returned values under the recommended guidelines at a depth of 6 inches. On February 9, 2015 the site was scraped to a depth of 6 inches and all contaminated soil was disposed of an NMOCD approved facility.

Enclosed: Initial C-141, Maps, Groundwater Survey, Laboratory Results, and Final C-141.

Apache has removed all containments above regulatory guidelines and respectfully request termination of release.

Submitted by;

Bruce Baker

Environmental Technician larry.baker@apachecorp.com Cell# 432-631-6982 Off# 575-393-7106 District 1 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 Fc, NM 87505

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State of New Mexico **Energy Minerals and Natural Resources**

Form C-141 Revised August 8, 2011

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.

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			Rele	ease Notific	cation	1 and Co	orrective A	ction	1						
						OPERA	FOR		🖾 Initia	al Report	Final Repo				
		Apache Corp				Contact Bruce Baker									
		rland Blvd F	lobbs, NI	M 88240			No. (432) 631-6	982							
Facility Nat	ne Hawk	B-I # 32				Facility Type: Oil Well									
Surface Ow	ner Milla	rd Deck Esta	te	Mineral C	Dwner	BLM			API No	. 30-025-3	6158				
				LOC	IOITA	N OF REI	EASE								
Unit Letter	Section 8	Township 21S	Range 37E	Fect from the 1365'		South Line	Feet from the 1310'	East/V FEL	Vest Line	County Lea					
			La	titude		_ Longitud	e								
				NAT	URE	OF RELI	EASE								
Type of Rele	ase: oil and	I produced wa	ter				Release 5 barre	ls of	Volume F	lecovered () barreis				
Source of Re	lease: Flow	v line				Date and H	our of Occurrenc	c		Hour of Dis	covery				
Was Immedia	ate Notice C	liven?				1/24/2015	Whom?		1/24/2014)					
sas austreus			Yes 🔲	No 🛛 Not Re	equired	1 1 1 20, 10	** 11/111								
By Whom?						Date and H									
Vas a Water	course Read		Yes 🛛	1 NI-	,	If YES, Volume Impacting the Watercourse.									
		pacted, Deser													
The flow line	; ruptured, '	The well was	shut in and	d line repaired.											
The entire rel	lease affecte	and Cleanup / d approximat atory for anal	ely 6,000 :		ture. T	he area was n	apped and sampl	es were	collected a	t the surface	c and 6 inches and				
egulations al oublic health should their o or the environ	ll operators or the envir operations h ament. In a	are required to conment. The ave failed to a	o report an acceptanc idequately iCD accept	d/or file certain r e of a C-141 repo investigate and r	clease no ort by the emediate	otifications and NMOCD mails contaminations	the operator of r	live acti eport" d cat to gr esponsi	ons for rele oes not reli ound water bility for co	eases which eve the open , surface way ompliance w	may endanger rator of liability iter, human health vith any other				
Signature: Anuce Baper						Ну	<u>OIL CONS</u> drologist	SERV	ATION	חופועות	NI PIO				
Printed Name	: Bruce Ba	ker			4	Approved by	Environmental Sp	ccialis t	. /	-					
itle: Enviro						02/06/2015 Approval Date: 04/06/2				/06/2015					
		ker@apachec				Conditions of Approval: Site samples required. Delineate Attached									
Date: 2/6/20		A. ICN		: (432) 631-6982			edeate area a	s per		1RP-3	527 ₈₇₃				
nach Addi	nonal Shee	ts If Necess	ary			NMOCI) guides.			nTO	1503728357				

Initial Sampling Data



Excavation





Legend

- SW VERIFICATION BORE
- S ACTIVE MW
- X REMOVED MW
- SGS WELLS
- WAIDS WELLS
- SE NM ROADS

AREAS WITHOUT GROUNDWATER



January 30, 2015

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS, NM 88240

RE: HAWK B 1 #32

Enclosed are the results of analyses for samples received by the laboratory on 01/27/15 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.qov/field/ga/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 5



Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	01/27/2015	Sampling Date:	01/26/2015
Reported:	01/30/2015	Sampling Type:	Soil
Project Name:	HAWK B 1 #32	Sampling Condition:	Cool & Intact
Project Number: Project Location:	NONE GIVEN NOT GIVEN	Sample Received By:	Jodi Henson

Sample ID: POINT 1 @ SURFACE (H500253-01)

Chloride, SM4500CI-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 304 16.0 01/28/2015 ND 432 108 400 3.77 **TPH 8015M** mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier GRO C6-C10 <10.0 10.0 01/27/2015 ND 190 95.1 200 3.71 DRO >C10-C28 448 10.0 01/27/2015 ND 190 95.1 200 5.24 Surrogate: 1-Chlorooctane 107 % 47.2-157 Surrogate: 1-Chlorooctadecane 126% 52.1-176

Sample ID: POINT 1 @ 6" (H500253-02)

1097	Ng .	лпатүге	O DY: AP					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	01/28/2015	ND	432	108	400	3.77	
mg/kg		Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/27/2015	ND	190	95.1	200	3.71	
<10.0	10.0	01/27/2015	ND	190	95.1	200	5.24	
98.3	% 47.2-15	7						
113 9	% 52.1-17	6						
	Result <16.0 mg/ Result <10.0 <10.0	<16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <i>98.3 % 47.2-15</i>	Result Reporting Limit Analyzed <16.0	Result Reporting Limit Analyzed Method Blank <16.0	Result Reporting Limit Analyzed Method Blank BS <16.0	Result Reporting Limit Analyzed Method Blank BS % Recovery <16.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <16.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <16.0

Cardinal Laboratories

*=Accredited Analyte

FLEASE NOTE. Liablery and Damages. Cardinal's kablety and clent's exclusive remarky for any claim ansing, whether based in contract or ton't, shall be limited to the emount paid by clent for analyses. All claims, including bloce for negligence and any other cause whicesever shall be deemed weived 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 incidencial or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by clent, its subsidience, affliates or successors among out of or related to the performance of the services hereinder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwee, Results relate only to the semples other shall on be reproduced except in full with writes approval of Cardinal Laboretones.

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

APACHE CORP - HOBBS BRUCE BAKER 2350 W. MARLAND BLVD. HOBBS NM, 88240 Fax To: (575) 393-2432

Received:	01/27/2015	Sampling Date:	01/26/2015
Reported:	01/30/2015	Sampling Type:	Soil
Project Name:	HAWK B 1 #32	Sampling Condition:	Cool & Intacl
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: POINT 2 @ SURFACE (H500253-03)

Chloride, SM4500CI-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	01/28/2015	ND	400	100	400	3.92	
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	01/28/2015	ND	193	96.6	200	1.33	
DRO >C10-C28	111	10.0	01/28/2015	ND	199	99.3	200	5.66	
Surrogate: 1-Chlorooctane	106 9	47 2-15	7						
Surrogate 1-Chlorooctadecane	120 %	% 52.1-17	6						

Sample ID: POINT 2 @ 6" (H500253-04)

Chloride, SM4500CI-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank 85 % Recovery True Value OC RPD Oualifier Chloride <16.0 16.0 01/28/2015 ND 400 100 400 3.92 TPH 8015M Analyzed By: MS mg/kg Analyte Result **Reporting Limit** Analyzed Method Blank % Recovery True Value QC Qualifier 85 RPD GRO C6-C10 <10.0 10.0 01/28/2015 ND 193 96.6 200 1.33 01/28/2015 DRO >C10-C28 <10.0 10.0 ND 199 99.3 200 5.66 Surrogate: 1-Chlorooctane 103 % 47.2-157 Surrogate: 1-Chlorooctadecane 116% 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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PHONE (575) 393-2326 * 101 E. MARLAND * HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5

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	email: hconder@riceswd.com; fflores@rice-ecs.com; lweinheimer@rice-ecs.com; knorman@rice-ecs.com; jkamplain@rice-ecs.com; sedwards@rice-ecs.com; cursanic@rice-ecs.com المدلاب مرالية من المحلفة Environmental Tech: الا مدلية من المحلفة @rice-ecs.com	Fax Result: D Yes D No Add'I Fax #: REMARKS:	t: D Yes 2 No	paki by the clinet for the the termination of the applicable for the manufacture applicable			<u> </u>	7	12:00 X X		Compl	CI TPł Te:	H 8 B7 xa Ci	rEX s T	15 X P	M	Ani	on	IS I		副行動部 ANALYSIS REQUEST	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	

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State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division 1220 South St. Francis Dr. Form C-141 Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	cis Dr., Santa	a Fe, NM 8750:)	Sa	anta Fe	, NM 875	05						
			Rele	ease Notific	cation	and Co	orrective A	ction					
					OPERA	FOR		🔲 Initial Report 🛛 🛛 Final I					
Name of Co	ompany A	pache Corpo	ration			Contact Br						r mar repoi	
		rland Street.			No. (432) 631-6	5982							
Facility Nar	me Hawk	B-1 # 32	_	·	i	Facility Typ	e Oil Well						
Surface Ow	ner Millar	d Deck Esta	ite	Mineral C	Dwner I	BLM			API No	. 30-025-3	36158		
				LOCA	ATION	N OF REI	LEASE			-			
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/V	Vest Line	County			
I	8	215	37E	1365'	1	FSL	1310'	F	EL	Lea			
					Latitud	e Longitud	le			•			
NATURE OF RELEASE													
Type of Rele	ase Oil and	d produced wa	ater				Release 5 barre barrels of oil	ls of	Volume F	Recovered	0 bbls		
Source of Re	lease flow		Date and H 1/24/2015	lour of Occurrence	e	Date and 1/24/2015	Hour of Discovery						
Was Immedia	ate Notice C					If YES, To Whom?							
			Yes 🗌	No 🛛 Not R	equired								
By Whom?						Date and H		-					
Was a Water	course Read		Yes 🗵	l No		If YES, Vo	lume Impacting	the Wate	rcourse.				
If a Wataroou		pacted, Descr		-									
	iise was mi	pacteu, Descr	ibe runy.	-									
		em and Reme		n Taken.* d the line repaired	4							<u> </u>	
The new mile	ruptuted.	The well was	shut man	u me nne repaired	1.								
	1.00 · 1							_					
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and 6 inches	s and sent i	to a commer	cial labo	atory for analys	sion pasi	release are:	ea was mapped	anu sa 1 a dent	h of 6 incl	te collected	i at ine	surface	
		MOCD app				Torouso area	a was seraped a	o a dept	n or o me	nes and co		ated son	
-				-									
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	lete to th	e best of my	knowledge and u	nderstar	d that purs	uant to NM	OCD n	ules and	
regulations al	ll operators	are required to	o report ar	d/or file certain r	elease no	otifications an	id perform correct	tive acti	ons for rele	eases which	may er	ndanger	
should their o	or the environment	ave failed to a	acceptant ideouately	e of a C-141 report investigate and r	on by the emediate	e contaminati	arked as "Final R on that nose a thr	eport" d	oes not reli ound water	eve the oper	rator of iter his	liability man health	
or the enviror	nment. In a	ddition, NMC	CD accep	tance of a C-141	report do	bes not reliev	e the operator of	responsi	bility for c	ompliance v	vith any	other	
_federal, state,	or local lay	ws and/or regu	ilations.				07.001	00011					
	0	17				OIL CONSERVATION DIVISION							

Signature: 17000 Sada								
Printed Name: Bruce Baker	Approved by Environmental Specialist:							
Title: Environmental Technician	Approval Date:	Expiration D	late:					
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:		Attached					
Date: 11/21/2016 Phone: (432) 631-6982								

* Attach Additional Sheets If Necessary