

District I  
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  
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 OGD

AUG 09 2012

RECEIVED

Form C-141  
Revised October 10, 2003

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

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company Apache Corporation	Contact Natalie Gladden
Address PO Box 1849 Eunice, NM 88231	Telephone No. 575-390-4186
Facility Name Hawk B-1 #55	Facility Type Producing well
Surface Owner Deck	Mineral Owner NMOCD
Lease No. 30-025-39511	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	8	21S	37E	2310'	FSL	2310'	FWL	Lea

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release Hydrocarbon	Volume of Release 30	Volume Recovered 20
Source of Release Flowline	1/12/11	1/12/11
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Geoffrey Leking	
By Whom? Natalie Gladden	Date and Hour 1/14/11 1129am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		

Describe Cause of Problem and Remedial Action Taken.\*  
Drilling contractor was moving dozer to a new pad location when the flowline was pulled from the wellhead.

Describe Area Affected and Cleanup Action Taken.\*  
Affected area was remediated according to NMOCD guidelines.

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: <i>Natalie Gladden</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Natalie Gladden	<i>Geoffrey Leking</i> Approved by District Supervisor <b>Environmental Specialist</b>	
Title: EHS Environmental Tech	Approval Date: 08/09/12	Expiration Date: -
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval: -	Attached <input type="checkbox"/>
Date: 7/26/12 Phone: 575-390-4186	IRP-06-14-3093	

\* Attach Additional Sheets If Necessary

JUN 18 2014

NSAD1416851 378

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HOBBS OCD

AUG 09 2012

RECEIVED

Hawk B-1 #55

Lea County

K, 8, 21S, 37E

2310' FSL and 2310' FWL

API # 30-025-39511

Release Date: 01/12/11

Prepared by: Natalie Gladden

Apache Corporation

HOBBS OCD

AUG 09 2012

RECEIVED

Dear Geoffrey,

Attached you will find a copy of the original C141, Final C141, a diagram of the contamination area along with sample points with sample results and final analyticals taken from this site.

With this information that is provided, Apache Corporation respectfully requests your review and approval of the Closure Document for the produced water release that occurred at the Apache Hawk B-1 #55.

If you have any questions or concerns, please feel free to contact me at any time.

Sincerely,

A handwritten signature in black ink, appearing to read "Natalie Gladden". The signature is written in a cursive style with a large initial "N".

Natalie Gladden

EH&S Environmental Tech

Permian New Mexico District

The purpose of this report is to document the remediation activities and present supporting analytical data to the NMOCD, requesting closure of the referenced produced water and hydrocarbon release incident in accordance with the Guidelines for Remediation of Leaks, Spills and Releases.

On January 12<sup>th</sup> 2011, a drilling contractor was moving his dozer to a new pad location when the flowline was pulled from the wellhead; it was below freezing that day as well. 30bbls of fluid was released with recovering 20bbls.

The contaminated soil was excavated, 548 cubic yards of contaminated soil was hauled to Sundance Services for disposal and 624 cubic yards of clean caliche was purchased from a local landowner for backfill.

Based on the analytical results of the confirmation soil samples collected from the excavation and which confirmed that the soil was less than the Standard of 250-ppm chlorides. Consequently, no further action is recommended or planned for this site at this time and on behalf of Apache Corporation we respectfully request that the NMOCD grant closure for the Hawk B-1 #55.

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Affected area was remediated according to NMOCD guidelines; the closure report will be sent in shortly.

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Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Natalie Gladden	Approved by District Supervisor:	
Title: EHS Environmental Tech	Approval Date:	Expiration Date:
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 2/7/11	Phone: 575-390-4186	

\* Attach Additional Sheets If Necessary

**Analytical Results For:**

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

Received: 01/18/2011  
 Reported: 01/21/2011  
 Project Name: HAWK B-1 #55  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

Sampling Date: 01/14/2011  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: WEST LEAK OFF PAD COMP (H100115-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: LR						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/18/2011	ND	432	108	400	0.00		

**Sample ID: EAST SCRAPE BTM @ 1' (H100115-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: JM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/18/2011	ND	432	108	400	0.00		

**Sample ID: SOUTH SCRAPE BTM @ 1' (H100115-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: LR						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/18/2011	ND	432	108	400	0.00		

**Sample ID: SOUTH EXC BTM @ 4' (H100115-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: LR						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/18/2011	ND	432	108	400	0.00		

Cardinal Laboratories

\*=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 D. Keene, Lab Director/Quality Manager

**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 SM4500Cl-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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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: APACHE - EUNICE		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																
Project Manager: NATALIE GLADDEN		P.O. #:		Chlorides TPH 8015 M BTEX																
Address: P.O. BOX 1849		Company:																		
City: EUNICE State: NM Zip: 88231		Attn:																		
Phone #: Fax #:		Address:																		
Project #: Project Owner:		City:																		
Project Name: <i>Hobbs B-1 # 55</i>		State: Zip:																		
Project Location:		Phone #:																		
Sampler Name: <i>Dick Harris</i>		Fax #:																		
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME												
	HID0015-1	WEST LEAK OFF PAID COMP	C				1-14-11	2:00												
	2	EAST SAMPLE BATH #1	C				1-17-11	1:55												
	3	SOUTH SAMPLE BATH #1	C				1-17-11	2:05												
	4	SOUTH EXCAVATION BATH #4	C				1-17-11	2:10												
		<i>SOUTH LEAK HOBBS COMP</i>	E				1-17-11	2:30												

WARRANTY: 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 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Dick Harris</i>	Date: <i>1/18/11</i>	Received By: <i>Jodi Benson</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: <i>11:15</i>		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: email results natalie.gladden@apachecorp.com Hconder@riceswd.com; bbaker@rices-ecs.com; regans@rice-ecs.com zconder@rices-ecs.com dharris@rice-ecs.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	<i>16°C</i>	<i>(initials)</i>		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

*#26*

NEED SAMPLES BACK, PLEASE

January 21, 2011

NATALIE GLADDEN

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: HAWK B-1 #55

Enclosed are the results of analyses for samples received by the laboratory on 01/18/11 11:15.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited 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 (V2, V3)

Accreditation applies to public drinking water matrices.

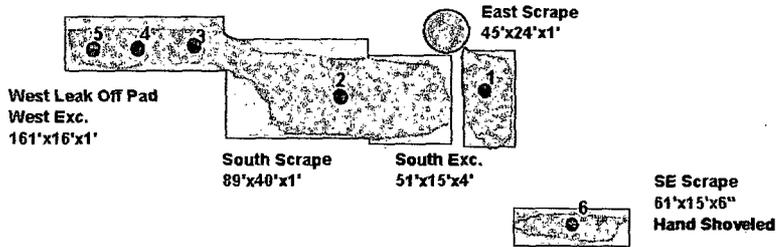
This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene  
Lab Director/Quality Manager

# Apache Hawk B-1 #55 Leak



Key	
	Leak Source
	Initial Leak Area
	Excavated Areas
	Sample Point

Surface Field Sample Data	
Sample Description	Cl-
1. East Stain Center	1616
2. Southwest Stain Center	599
3. Leak Off Pad East Center	411
4. Leak Off Pad Center	290
5. End of Leak Off Pad West Center	247
6. South Leak Off Pad Center	137

West Excavation Lab Data	
Sample Description	Cl-
West Leak Off Pad Comp	32

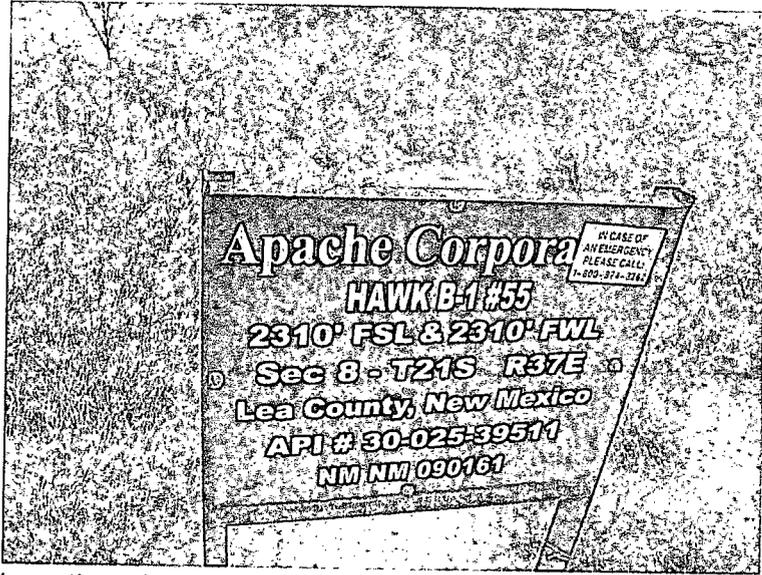
East Scrape Lab Data	
Sample Description	Cl-
East Scrape Btm @ 1'	128

South Scrape Lab Data	
Sample Description	Cl-
South Scrape Btm @ 1'	96

South Excavation Lab Data	
Sample Description	Cl-
South Exc Btm @ 4'	96
South Exc West Wall	112
South Exc North Wall	128
South Exc South Wall	144

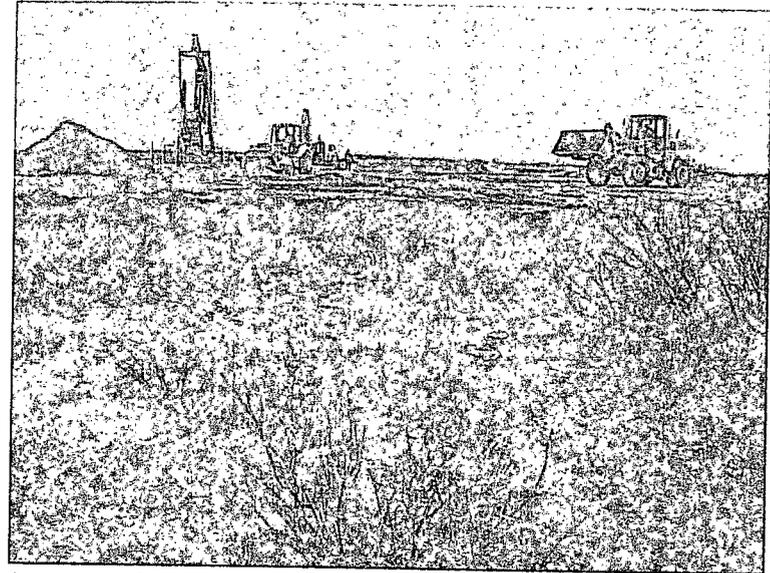
# Hawk B-1 #55

Unit K, Section 8, T21S, R37E



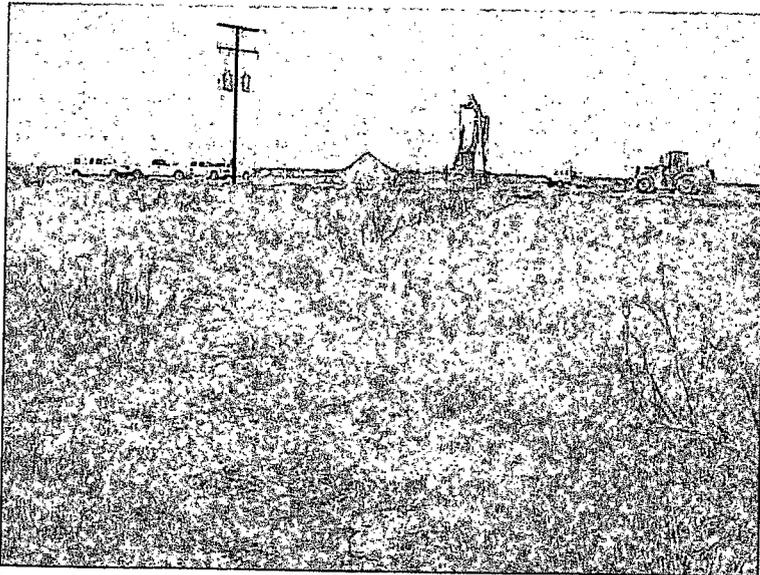
Location sign

1/14/2011



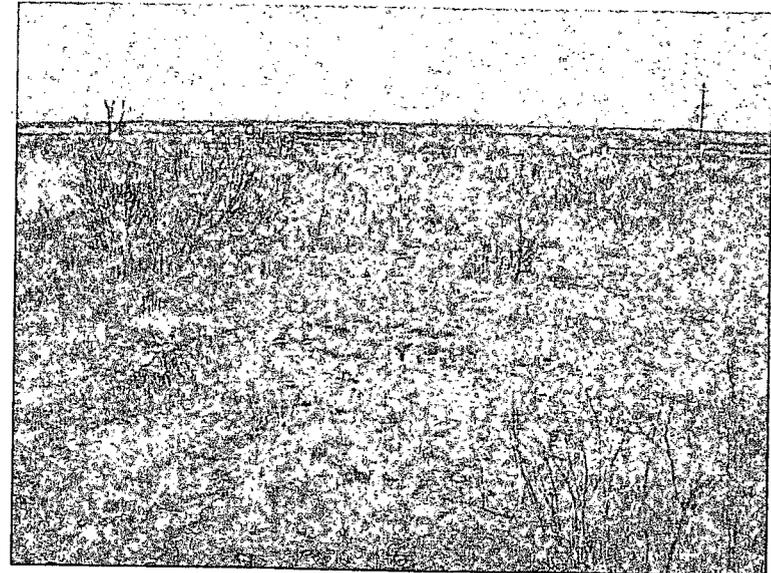
Scraping leak on pad, facing east

1/14/2011



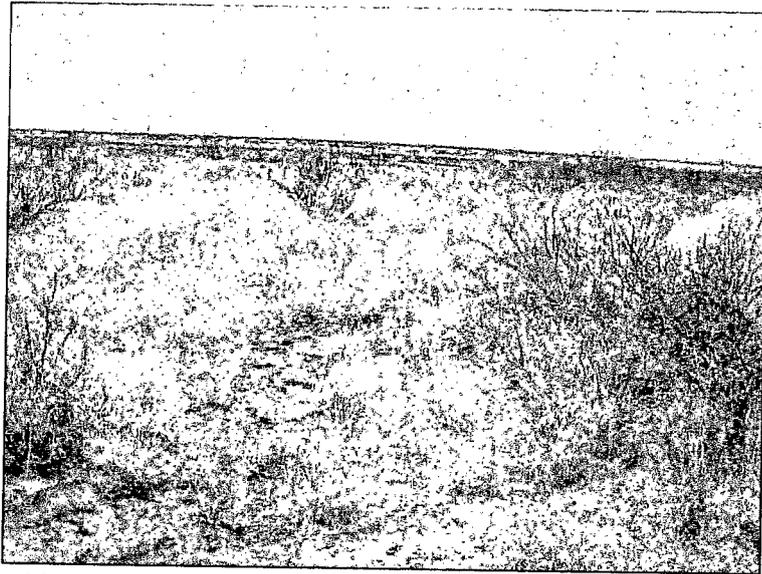
Initial release west of pad, facing east

1/14/2011



Initial release east of pad, facing west

1/14/2011



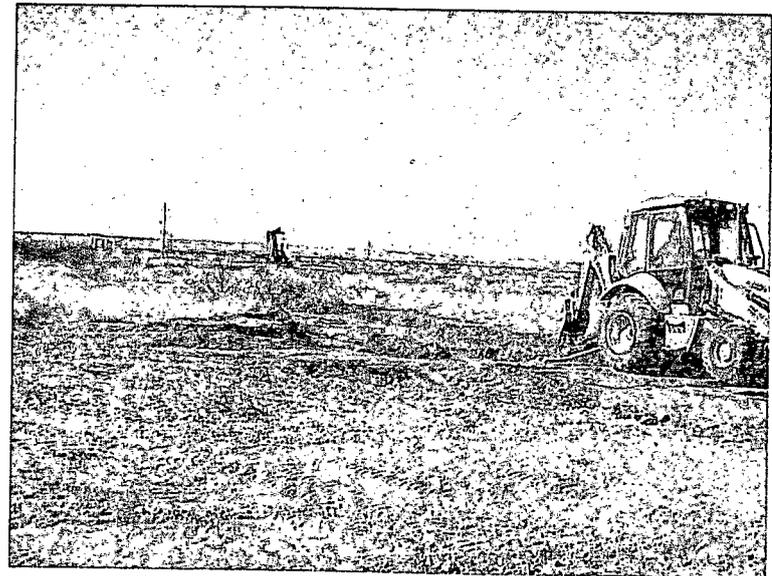
Initial release east of pad, facing west 1/14/2011



Initial release south of pad, facing east 1/14/2011



Scrape area on pad, facing east 1/14/2011



Excavating west leak off pad, facing west 1/14/2011