



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 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

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Apache Corporation	Contact: Bruce Baker
Address: 2350 W Marland Blvd Hobbs, NM 88240	Telephone No. (432) 631-6982
Facility Name: Hawk B-1 # 32	Facility Type: Oil Well

Surface Owner: Millard Deck Estate	Mineral Owner: BLM	API No. 30-025-36158
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LOCATION OF RELEASE

Unit Letter I	Section 8	Township 21S	Range 37E	Feet from the 1365'	North/South Line FSL	Feet from the 1310'	East/West Line FBL	County Lea
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Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release: oil and produced water	Volume of Release: 5 barrels of water and 3 barrels of oil	Volume Recovered: 0 barrels
Source of Release: Flow line	Date and Hour of Occurrence: 1/24/2015	Date and Hour of Discovery: 1/24/2014
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.*
The flow line ruptured. The well was shut in and line repaired.

Describe Area Affected and Cleanup Action Taken.*
The entire release affected approximately 6,000 square feet of pasture. The area was mapped and samples were collected at the surface and 6 inches and sent to commercial laboratory for analysis.

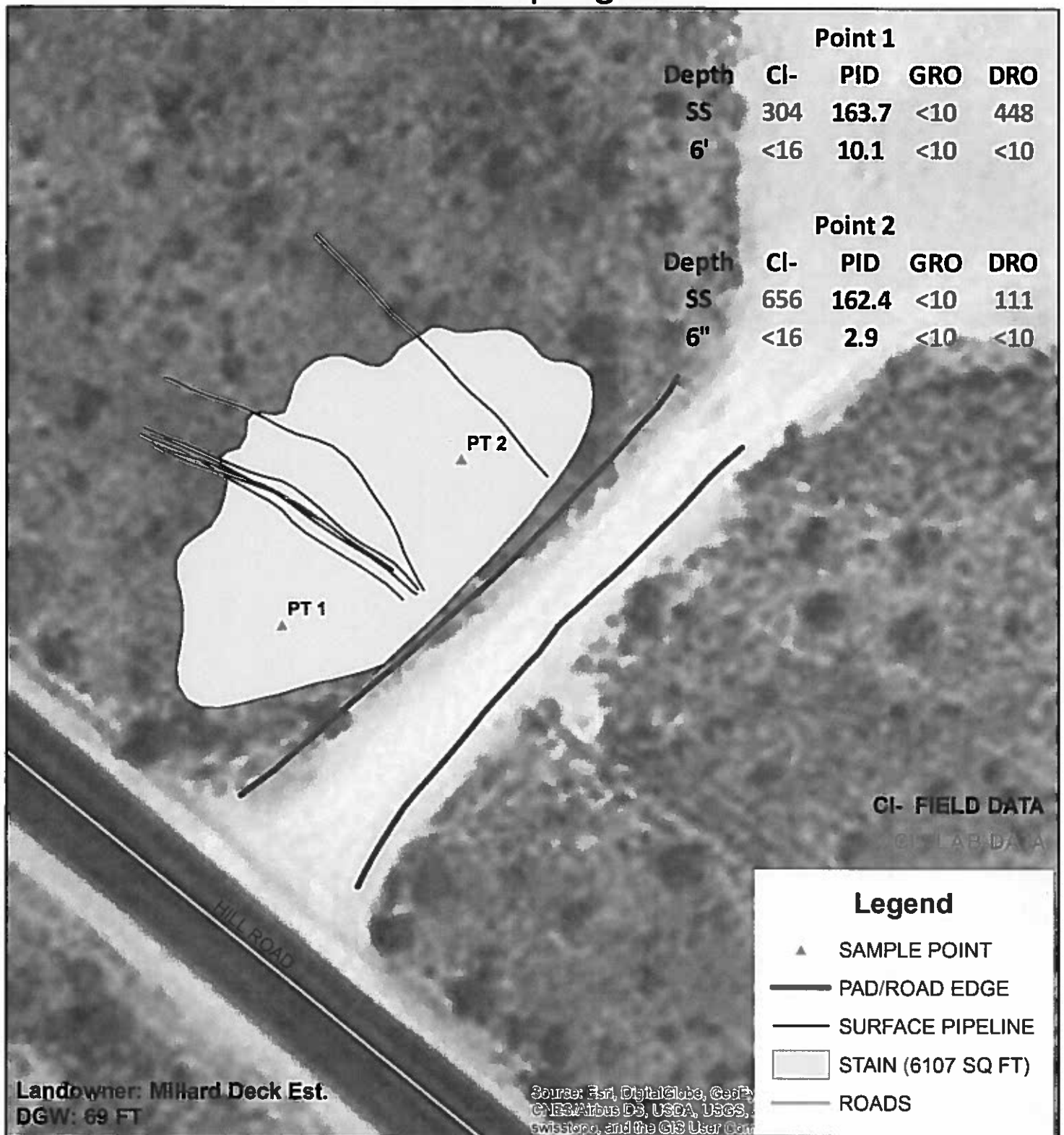
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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>Bruce Baker</i>	OIL CONSERVATION DIVISION Hydrologist	
Printed Name: Bruce Baker	Approved by Environmental Specialist:	
Title: Environmental Technician	Approval Date: 02/06/2015	Expiration Date: 04/06/2015
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:	
Date: 2/6/2015 Phone: (432) 631-6982	Site samples required. Delineate and remediate area as per NMOCD guides.	Attached <input type="checkbox"/> 1RP-3527 873

* Attach Additional Sheets If Necessary

nTO1503728357
pTO1503728607

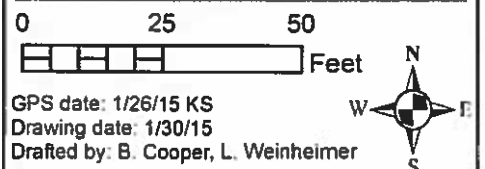
Initial Sampling Data



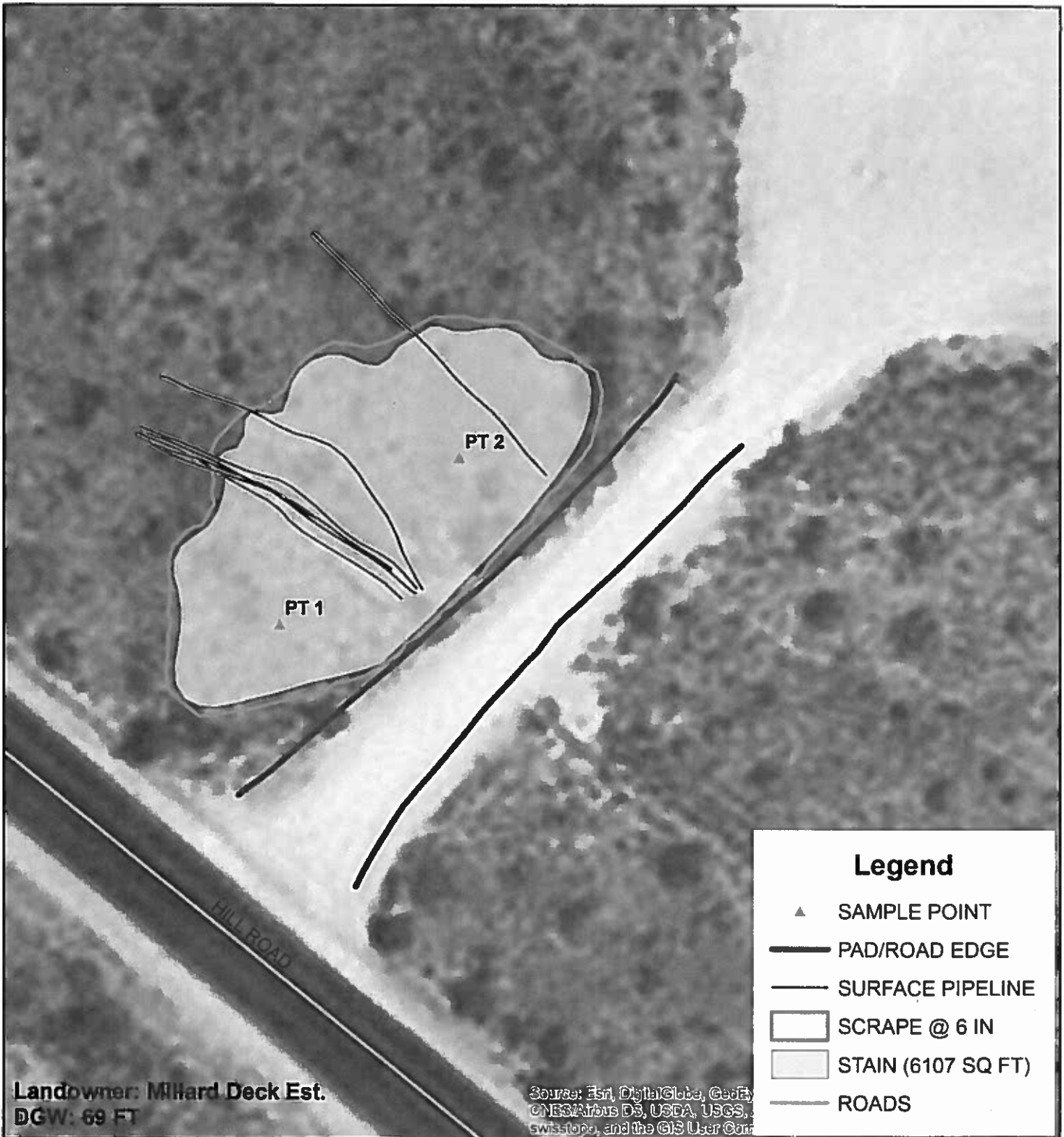
APACHE HAWK B-1 #32

Legals: UL/I sec. 8
T-21-S R-37-E
LEA COUNTY, NM

Underground facilities are
spatially projected
and need to be field verified.



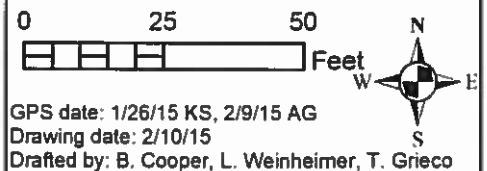
Excavation



APACHE HAWK B-1 #32

Legals: UL/I sec. 8
T-21-S R-37-E
LEA COUNTY, NM

Underground facilities are
spatially projected
and need to be field verified.



Apache
Company

Hawk B-1 #32
site name

I
Unit Letter

8
Section

T17S
Township

R37E
Range

Groundwater Depth: 69 ft


Compiled by: Phatima Hall

Date: 1/27/2015

Comments:



Legend

-  GW VERIFICATION BORE
-  ACTIVE MW
-  REMOVED MW
-  USGS WELLS
-  WAIDS WELLS
-  SE NM ROADS
-  AREAS WITHOUT GROUNDWATER



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

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.gov/field/qa/lab_accred_certif.html.

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 (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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/27/2015
Reported: 01/30/2015
Project Name: HAWK B 1 #32
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

Chloride, SM4500Cl-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 QC	RPD	Qualifier
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)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	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 QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/27/2015	ND	190	95.1	200	3.71	
DRO >C10-C28	<10.0	10.0	01/27/2015	ND	190	95.1	200	5.24	

Surrogate 1-Chlorooctane 98.3 % 47.2-157
Surrogate 1-Chlorooctadecane 113 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/27/2015
Reported: 01/30/2015
Project Name: HAWK B 1 #32
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

Chloride, SM4500Cl-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							Analyzed 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 %	47.2-157								
Surrogate: 1-Chlorooctadecane	120 %	52.1-176								

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

Chloride, SM4500Cl-B			mg/kg							Analyzed By: AP
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/28/2015	ND	400	100	400	3.92		
TPH 8015M			mg/kg							Analyzed 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	<10.0	10.0	01/28/2015	ND	199	99.3	200	5.66		
Surrogate: 1-Chlorooctane	103 %	47.2-157								
Surrogate: 1-Chlorooctadecane	116 %	52.1-176								

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

Cardinal Laboratories***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager

ORDINAL 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

[illegible]

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

#54

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	Apache Corporation	Contact	Bruce Baker
Address	2350 W Marland Street, Hobbs, NM 88240	Telephone No.	(432) 631-6982
Facility Name	Hawk B-1 # 32	Facility Type	Oil Well
Surface Owner	Millard Deck Estate	Mineral Owner	BLM
		API No.	30-025-36158

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	8	21S	37E	1365'	FSL	1310'	FEL	Lea

Latitude Longitude

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	5 barrels of water and 3 barrels of oil	Volume Recovered	0 bbls
Source of Release	flow line	Date and Hour of Occurrence	1/24/2015	Date and Hour of Discovery	1/24/2015
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	Date and Hour				
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.*

The flow line ruptured. The well was shut in and the line repaired.

Describe Area Affected and Cleanup Action Taken.*

The entire release affected approximately 6,000 square feet of pasture. The area was mapped and samples were collected at the surface and 6 inches and sent to a commercial laboratory for analysis. The release area was scraped to a depth of 6 inches and contaminated soil was disposed of at a NMOCD approved facility.

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>Bruce Baker</i>	OIL CONSERVATION DIVISION		
Printed Name: Bruce Baker	Approved by Environmental Specialist:		
Title: Environmental Technician	Approval Date:	Expiration Date:	
E-mail Address: larry.baker@apachecorp.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 11/21/2016	Phone: (432) 631-6982		

* Attach Additional Sheets If Necessary