

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  
1000 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

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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	P.O. Box 1849 Eunice, NM 88231	Telephone No.	575-390-4186
Facility Name	Hester 12 #9	Facility Type	Producing Well
Surface Owner	McCasland	Mineral Owner	State
		Lease No.	30-025-38791

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	12	20S	30E	2440	FSL	2500	FWL	Lea

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

NATURE OF RELEASE

Type of Release	Produced water and Hydrocarbons	Volume of Release	unknown	Volume Recovered	unknown
Source of Release	Stuffing box leak	Date	10/31/08	Date	10/31/08
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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.\*


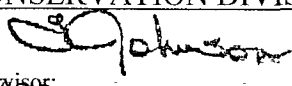
Describe Cause of Problem and Remedial Action Taken.\*

Stuffing box leak was cause of leak. Emergency response took place from 11/05-11/07. 172 yards of contaminated soil was hauled to Sundance.

Describe Area Affected and Cleanup Action Taken.\*

Ground water is at 25'. All NMOCD regulations were followed to closure.

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: 	OIL CONSERVATION DIVISION	
Printed Name: Natalie Gladden	Approved by District Supervisor:  ENVIRONMENTAL ENGINEER	
Title: EH&S Environmental Tech	Approval Date: 7.7.10	Expiration Date: —
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 06/25/2010 Phone: 575-390-4186		172 2030

\* Attach Additional Sheets If Necessary

PLWJ 1018831029

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1220 South St. Francis Dr.  
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JUL 01 2010

HOBBSOCD

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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	P.O. Box 1849 Eunice, NM 88231	Telephone No.	575-390-4186
Facility Name	Hester 12 #9	Facility Type	Producing Well

Surface Owner	McCasland	Mineral Owner	State	Lease No.	30-025-38791
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	12	20S	38E	2440	FSL	2500	FWL	Lea

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

NATURE OF RELEASE

Type of Release	Produced water and Hydrocarbons	Volume of Release	unknown	Volume Recovered	unknown
Source of Release	Stuffing box leak	Date	10/31/08	Date	10/31/08
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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 \*

Stuffing box leak was cause of leak. Emergency response took place from 11/05-11/07. 172 yards of contaminated soil was hauled to Sundance

WSW 100' EAST

Describe Area Affected and Cleanup Action Taken \*

Ground water is at 25'. All NMOCD regulations will be followed to closure.

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>	OIL CONSERVATION DIVISION	
Printed Name: Natalie Gladden	Approved by District Supervisor: <i>[Signature]</i> ENVIRONMENTAL ENGINEER.	
Title: EH&S Environmental Tech	Approval Date: 12.17.08	Expiration Date: 2.17.09
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/15/08 Phone: 575-390-4186	- SUBMIT FINAL C. 141	IRP# 2030

\* Attach Additional Sheets If Necessary

- SUBMIT SAMPLE PLAN FOR APPROVAL



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**HOBBSOCD**

**Hester 12 #9**

**Lea County**

**Unit K, Sec12, T20S, R38E**

**2440' FSL and 2500' FWL**

**API #30-025-38791**

**IRP# 10-31-2030**

**Release Date: 10/31/2008**

**Prepared by: Natalie Gladden**

**Apache Corporation**

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HOBBSOCD

Dear Larry,

Attached you will find a copy of the original C141, Final C141, a diagram of the contamination area along sample points with sample results, and final analytical 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 and hydrocarbon release that occurred at the Apache Hester 12 #9 well site.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Natalie Gladden". The signature is fluid and cursive, with the first name "Natalie" and last name "Gladden" clearly distinguishable.

Natalie Gladden

EH&S Environmental Tech

Permian Basin Region

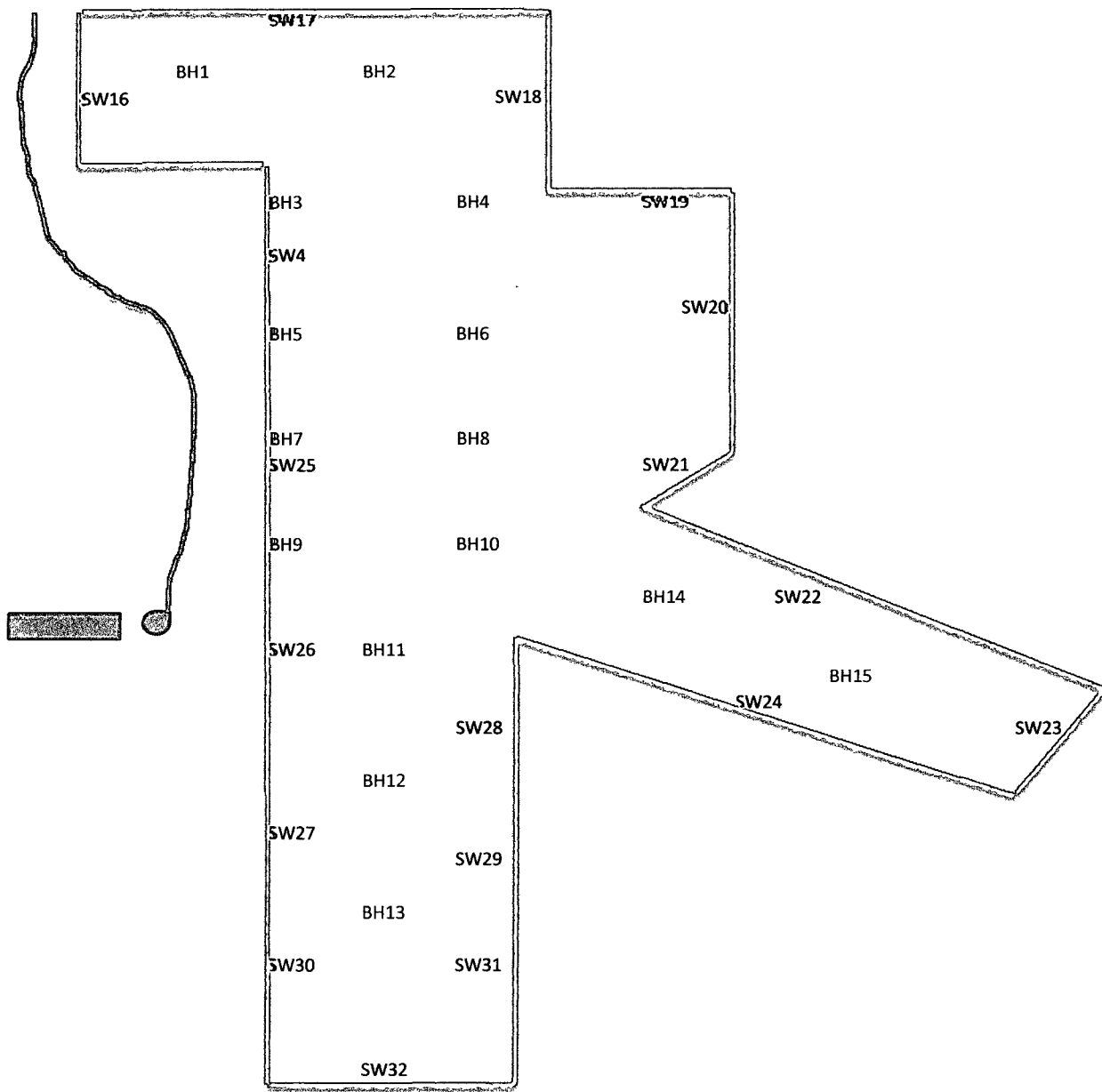
The purpose of this report is to document the clean up activities and present supporting analytical data to the NMOCD, requesting closure of the referenced produced water and hydrocarbon release incident in accordance with the Guidelines for Remediation of Leaks, Spills and Releases.

On October 31<sup>st</sup> 2008, the stuffing box leaked releasing an unknown volume. All fluid remained on the location pad; no fluid reached the pasture area.

The contaminated soil was excavated to a total depth of 15', a total of 1340' yards were hauled to Sundance Disposal and over 1000 yards was blended under the 250-ppm threshold. The soil around the wellhead was dug out by hand and approval from NMOCD was granted not to dig too deep in order to keep from compromising the wellhead. This well had not been producing long before the stuffing box leak, after excavating the saturated soil it was determined that the contamination we were finding was left by the drilling rig, thus enforcing the Drilling Department to line each location under the drilling rig.

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. 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 Hester 12 #9 well site.

SAMPLE ID	CL
BH1	208
BH2	224
BH3	209
BH4	208
BH5	192
BH6	192
BH7	192
BH8	208
BH9	192
BH10	192
BH11	192
BH12	224
BH13	176
BH14	192
BH15	192
SW16	176
SW17	256
SW18	192
SW19	176
SW20	176
SW21	192
SW22	192
SW23	192
SW24	176
SW25	160
SW26	400
SW27	192
SW28	176
SW29	176
SW30	176
SW31	96
SW32	96
BLEND33	176
BLEND34	176
BLEND35	112
BLEND36	176
BLEND37	64





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

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

Receiving Date: 01/20/09  
Reporting Date: 01/21/09  
Project Owner: APACHE CORP.  
Project Name: HESTER 12-9  
Project Location: UL-G S12 T20S R38E


Analysis Date: 01/21/09  
Sampling Date: 01/06/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl <sup>-</sup> (mg/kg)
H16714-1	BH1	208
H16714-2	BH2	224
H16714-3	BH3	208
H16714-4	BH4	208
H16714-5	BH5	192
H16714-6	BH6	192
H16714-7	BH7	192
H16714-8	BH8	208
H16714-9	BH9	192
H16714-10	BH10	192
H16714-11	BH11	192
H16714-12	BH12	224
H16714-13	BH13	176
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		2.0

METHOD: Standard Methods

4500-ClB

Note: Analyses performed on 1:4 w:v aqueous extracts.

  
Chemist

01-21-09  
Date

H16714 OCO

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

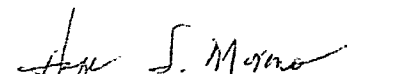
Receiving Date: 01/20/09  
Reporting Date: 01/21/09  
Project Owner: APACHE CORP.  
Project Name: HESTER 12-9  
Project Location: UL-G S12 T20S R38E

Analysis Date: 01/21/09  
Sampling Date: 01/06/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl <sup>-</sup> (mg/kg)
H16714-14	BH-14	192
H16714-15	BH-15	192
H16714-16	SW16	176
H16714-17	SW17	256
H16714-18	SW18	192
H16714-19	SW19	176
H16714-20	SW20	176
H16714-21	SW21	192
H16714-22	SW22	192
H16714-23	SW23	192
H16714-24	SW24	176
H16714-25	SW25	160
H16714-26	SW26	400
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		2.0

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

  
Chemist

01-21-09  
Date

H16714 OCO

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OCOTILLO ENVIRONMENTAL, LLC  
ATTN: JOHN GOOD  
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HOBBS, NM 88241

Receiving Date: 01/20/09  
Reporting Date: 01/21/09  
Project Owner: APACHE CORP.  
Project Name: HESTER 12-9  
Project Location: UL-G S12 T20S R38E

Analysis Date: 01/21/09  
Sampling Date: 01/06/09 - 01/09/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl <sup>-</sup> (mg/kg)
H16714-27	SW27	192
H16714-28	SW28	176
H16714-29	SW29	176
H16714-30	SW30	176
H16714-31	SW31	96
H16714-32	SW32	96
H16714-33	BLEND33	176
H16714-34	BLEND34	176
H16714-35	BLEND35	112
H16714-36	BLEND36	176
H16714-37	BLEND37	64
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods

4500-Cl<sup>-</sup>B

Note: Analyses performed on 1:4 w:v aqueous extracts.

  
Chemist

01-21-09  
Date

H16714 OCO

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Sheet 1 of 1

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Relinquished by: <i>John Good</i>		Date: 1/20/09		Received By: <i>Nick Fullit</i>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone#:	
		Time: 8:05				Fax Result: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Relinquished by:		Date:		Received By:		Remarks: FAX results to Natlie Gladden. John Good or Natalie Gladden will pickup results when completed - - please do not mail. Thanks.	
		Time:					
Delivered By: (Circle One)		Sample Condition		CHECKED BY:			
<input checked="" type="radio"/> Sampler - <input type="radio"/> UPS - <input type="radio"/> Bus - <input type="radio"/> Other		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		(Initials) <i>NT</i>			
Note: Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.							



## Sheet 2 of 2

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[illegible]



## Sheet 3 of 3

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Relinquished by: <i>John Good</i> JOHN GOOD		Date: 1/20/09 Time: 8:05		Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone#:		Fax Result: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:		Remarks: FAX results to Natalie Gladden. John Good or Natalie Gladden will pickup results when completed -- please do not mail. Thanks.	
Relinquished by:		Date: Time:		Received By:							
Delivered By: (Circle One) <u>Sampler</u> UPS - Bus - Other				Sample Condition Cool Intact Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		CHECKED BY: (Initials) <i>NA</i>		Note: Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.			

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