

HOBBS OCD

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  
10 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

JUL 26 2012

Form C-141  
Revised October 10, 2003

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

RECEIVED

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 BM Marcus #3	Facility Type Production Well

Surface Owner McCasland	Mineral Owner NMOCD	Lease No. 30-025-36422
-------------------------	---------------------	------------------------

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	20	20S	38E	660'	FNL	1980'	FEL	Lea

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

#### NATURE OF RELEASE

Type of Release Hydrocarbon	Volume of Release 10bbls	Volume Recovered 5bbls
Source of Release Stuffing Box Leak	Date and Hour of Occurrence 6/29/2009	Date and Hour of Discovery 06/29/2009
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom? Natalie Gladden	Date and Hour 6/29/2009 12:05	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

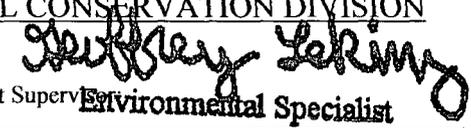
1 Watercourse was Impacted, Describe Fully.\*

DTW = 25'

Describe Cause of Problem and Remedial Action Taken.\* Tubing back pressure valve was plugged off, causing stuffing box to blow out. Vacuum truck was called out to recover standing fluid. 5bbls of fluid was recovered, leaving approx. 5bbls of fluid on location. All fluid remained on location pad. Peat sorb was then spread out to gather the remainder of the fluid.

Describe Area Affected and Cleanup Action Taken.\* Saturated soil has been removed and remediation is complete. The NMOCD guidelines were followed and a threshold of 250-ppm was reached before backfilling occurred.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Natalie Gladden	 Approved by District Supervisor <b>Environmental Specialist</b>	
Title: EH&S Environmental Tech	Approval Date: 7/26/12	Expiration Date: -
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval: -	Attached <input type="checkbox"/>
Date: 07/18/2012 Phone: 575-390-4186		100-09-6-2221

Additional Sheets If Necessary

JUN 23 2014

HOBBS OCD

JUL 26 2012

RECEIVED



BM Marcus #3

Lea County

Unit B, 20, 20S, 38E

660' FNL and 1980' FEL

API #30-025-36422

Release Date 06/29/2009

Prepared by: Natalie Gladden

Apache Corporation

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 BM Marcus #3.

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

Sincerely,

A handwritten signature in black ink that reads "Natalie Gladden". The signature is written in a cursive style with a large initial "N".

Natalie Gladden

EHS Environmental Tech

New Mexico Permian District

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

On June 29<sup>th</sup> 2009, the tubing back pressure valve was plugged off, causing the stuffing box to blow out. 10bbbls of hydrocarbons was released and 5bbbls was recovered. The standing fluid was recovered from the surface of the location pad. All of the released fluid remained on the location pad. Peat sorb was spread out over the saturated surface to soak up any leftover standing fluid.

The contaminated soil was excavated, 1,818 cubic yards of contaminated soil was hauled to Sundance Services and 1,627 cubic yards of backfill was purchased from a local landowner. Final samples of the bottom and sidewalls of the excavation were gathered and taken to Cardinal Labs for confirmation, then the site was backfilled.

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 BM Marcus #3 release.

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  
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

**RECEIVED**  
JUN 30 2009  
HUBBSOCD

Form C-141  
Revised October 10, 2003

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

**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 BM Marcus #3	Facility Type Production Well

Surface Owner McCasland	Mineral Owner NMOCD	Lease No. 30-025-36422
-------------------------	---------------------	------------------------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	20	20S	38E	660'	FNL	1980'	FEL	Lea

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

*WTR 75'*

**NATURE OF RELEASE**

Type of Release Hydrocarbon	Volume of Release 10bbls	Volume Recovered 5bbls
Source of Release Stuffing Box Leak	Date and Hour of Occurrence 6/29/2009	Date and Hour of Discovery 06/29/2009
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom? Natalie Gladden	Date and Hour 6/29/2009 12:05	
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.\* Tubing back pressure valve was plugged off, causing stuffing box to blow out. Vacuum truck was called out to recover standing fluid. 5bbls of fluid was recovered, leaving approx. 5bbls of fluid on location. All fluid remained on location pad. Peat sorb was then spread out to gather the remainder of the fluid.

Describe Area Affected and Cleanup Action Taken.\* Saturated soil has been removed and remediation has begun. The NMOCD guidelines will be followed and a threshold of 250-ppm will be reached before backfilling occurs.

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> <sup>6-29-09</sup>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Natalie Gladden	<i>L. Johnson</i> Approved by District <b>ENVIRONMENTAL ENGINEER</b>	
Title: EH&S Environmental Tech	Approval Date: <i>6.30.09</i>	Expiration Date: <i>9.1.09</i>
E-mail Address: <a href="mailto:natalie.gladden@apachecorp.com">natalie.gladden@apachecorp.com</a>	Conditions of Approval:	
Date: 6/29/2009 Phone: 575-390-4186	Attached <input type="checkbox"/> <i>IRP# 09.6-2221</i>	

\* Attach Additional Sheets If Necessary

*FGRL0918737472*



**ARDINAL  
LABORATORIES**

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

---

April 14, 2010

Natalie Gladden  
Apache Corporation  
P.O. Box 1849  
Eunice, NM 88231

Re: BM MARCUS #3

Enclosed are the results of analyses for sample number H19639, received by the laboratory on 04/09/10 at 2:15 pm.

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 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene  
Laboratory Director

---

This report conforms with NELAP requirements.





# ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: APACHE CORPORATION		<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																	
Project Manager: NATALIE GLADDEN		P.O. #:																					
Address: P.O. BOX 1849		Company:																					
City: EUNICE St NM Zip #		Attn:																					
Phone #: 575-390-4186 Fax #:		Address:																					
Project #: Project Owner:		City:																					
Project Name: BM MARCUS #3		State: Zip:																					
Project Location:		Phone #:																					
Sampler Name: NATALIE GLADDEN		Fax #:																					
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING													
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP. # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	CHLORIDES									
H19639-1	SP1				X							3/26	7AM	X									
-2	SP2				X							3/26	715AM	X									
-3	SP3				X							3/26	720AM	X									
-4	SP4				X							3/26	730AM	X									
-5	SP5				X							3/26	8AM	X									
-																							

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 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: NATALIE GLADDEN	Date: 4/9/2010 Time:	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>Natalie Gladden</i>	Date: 4/9/10 Time: 2:15p	Received By: <i>CBZ</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	130C #26	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS:  EMAIL TO natalie.gladden@apachecorp.com	
		CHECKED BY: (Initials) <i>CB</i>		

BM Marcus #3

Release Date: 06/29/2009

