

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

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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
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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
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.\*


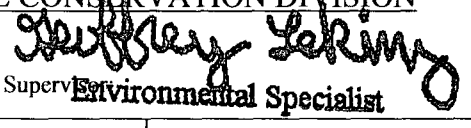
DTW = 75'

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: 	OIL CONSERVATION DIVISION  Environmental Specialist	
Printed Name: Natalie Gladden	Approved by District Supervisor	
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	

ch Additional Sheets If Necessary

JUN 23 2014

HOBBS OCD

JUL 26 2012

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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, flowing style.

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.

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**Release Notification and Corrective Action**

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☒ Initial Report ☐ Final Report

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

\* Attach Additional Sheets If Necessary

FGRL0918737472



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

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This report conforms with NELAP requirements.



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

ANALYTICAL RESULTS FOR  
APACHE CORPORATION  
ATTN: NATALIE GLADDEN  
P.O. BOX 1849  
EUNICE, NM 88231


Receiving Date: 04/09/10  
Reporting Date: 04/13/10  
Project Owner: NOT GIVEN  
Project Name: BM MARCUS #3  
Project Location: NOT GIVEN

Analysis Date: 04/13/10  
Sampling Date: 03/26/10  
Sample Type: SOIL  
Sample Condition: INTACT @ 13°C  
Sample Received By: AB  
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl <sup>-</sup> (mg/kg)
H19639-1	SP1	272
H19639-2	SP2	32
H19639-3	SP3	160
H19639-4	SP4	208
H19639-5	SP5	192
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods 4500-ClB

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

  
Chemist

  
Date

H19639 APACHE

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 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.



**(575) 393-2326 FAX (575) 393-2476**

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FORM-006

Revisi

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



BM Marcus #3  
Release Date: 06/29/2009

