

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

HOBBS OCD  
JUL 26 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 P.O. Box 1849 Eunice, NM 88231	Telephone No. 575-390-4186
Facility Name EBDU #77	Facility Type Production Well
Surface Owner Paige McNeil	Mineral Owner State of NM
Lease No. 30-025-39273	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	12	21S	37E	1470	South Line	2560	East Line	Lea

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

**NATURE OF RELEASE**

Type of Release Brine Water	Volume of Release 5bbls	Volume Recovered 3bbls
Source of Release Frac Tanks overflowed	Date 10/19/09	Date 10/19/09
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jeff Leiking	
By Whom? Natalie Gladden	Date and Hour 10/19/09 2pm	
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.\*  
  
DTW=69'

Describe Cause of Problem and Remedial Action Taken.\*  
Overflow tanks on drilling rig, overflowed releasing 5bbls of brine water. All fluid remained on pad.

Describe Area Affected and Cleanup Action Taken.\*  
Vacuum truck recovered 3bbls of fluid. Once drilling rig was moved off, saturated soil was scrapped up and hauled to Sundance Services. The pulling unit will set production string and pumping unit will be set. Then at that time, we will move in to remediate area.

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> <i>Jeffrey Leiking</i> Approved by District Supervisor Environmental Specialist	
Printed Name: Natalie Gladden	Approval Date: 7/26/12	Expiration Date: 10/31/11
Title: EH&S Environmental Tech	Conditions of Approval:	
Email Address: natalie.gladden@apachecorp.com	Attached <input type="checkbox"/>	
Date: 10/27/09 Phone: 575-390-4186	WRP-09-11-2332	

\* Attach Additional Sheets If Necessary

JUN 23 2014

HOBBS OCD

JUL 26 2012

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*Apache*

EBDU #77

Lea County

Unit J, 12, 21S, 37E

1470' FSL and 2560' FEL

API# 30-025-39273

Release Date: 10/19/09

Prepared by: Natalie Gladden

Apache Corporation

Dear Geoffrey,

Attached you will find a copy of the original C141, Final C141 along with the 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 brine water release that occurred at the Apache EBDU #77.

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

EH&S 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 referenced brine water release incident in accordance with the Guidelines for Remediation of Leaks, Spills and Releases.

On October 19<sup>th</sup> 2009, while drilling the EBDU #77, the overflow tanks on the drilling rig overflowed; releasing 5bbls of brine water. This location was lined when the location pad was constructed.

The contaminated soil was excavated to 12" above the liner, 432 cubic yards of contaminated soil was hauled to Sundance Services. A total 464 cubic yards of caliche was purchased from a local landowner for backfill. Final samples were obtained at the 12" level to keep from compromising the liner. This liner is installed on each new drill to protect the ground water and land associated with the drilling pad. The liner is still in place and is in tack.

Based on the analytical results of the confirmation soil samples collected from the excavation and which confirmed that the soil was less than 530-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 EBDU #77.





**ARDINAL  
LABORATORIES**

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

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April 14, 2010

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

Re: EBDU #77

Enclosed are the results of analyses for sample number H19638, 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.





# 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 #:		City:																							
Project Name: EBDU #77		State: Zip:																							
Project Location:		Phone #:																							
Sampler Name: NATALIE GLADDEN		Fax #:																							
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CHLORIDES										
H19638-1	SP1					X							3/25	645PM	X										
-2	SP2					X							3/25	650PM	X										
-3	SP3					X							3/25	657PM	X										
-4	SP4					X							3/25	7PM	X										
-5	SP5					X							3/25	715PM	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:	13°C #26	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) <i>CBZ</i>	
REMARKS: EMAIL TO natalie.gladden@apachecorp.com				