

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

State of New Mexico
Energy Minerals and Natural Resources

HOBBS OCD

Form C-141
Revised October 10, 2003

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

AUG 09 2012

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

RECEIVED

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 NEDU #102	Facility Type Injection Well
Surface Owner McCasland	Mineral Owner St of NM
Lease No. 30-025-06400	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	2	21S	37E	1582'	FNL	1582'	FEL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 10	Volume Recovered 0
Source of Release valve	Date 01/17/10	Date 01/18/10
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom? Natalie Gladden	Date and Hour 01/18/10 7:30am	
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=40'

Describe Cause of Problem and Remedial Action Taken.*

Valve handle was left on wellhead valve and cow knocked valve open. Fluid released and soaked in before vacuum truck could get to location. Backhoe was dispatched out immediately to scrap up the saturated soil.

Describe Area Affected and Cleanup Action Taken.*

Site has been remediated.

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	<i>Shirley Termy</i> Approved by District Supervisor: Environmental Specialist	
Title: EH&S Environmental Tech	Approval Date: <i>8/9/12</i>	Expiration Date: <i>-</i>
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval: <i>-</i>	Attached <input type="checkbox"/>
Date: 07/27/12 Phone: 575-390-4186		<i>IRP-6-14-3106</i>

* Attach Additional Sheets If Necessary



HOBBS OCD

AUG 09 2012

RECEIVED

NEDU #102

Lea County

Unit H, 2, 21S, 37E

1582' FNL and 1582' FEL

API # 30-025-06400

Prepared by: Natalie Gladden

Apache Corporation

HOBBS OCD

AUG 09 2012

RECEIVED

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 NEDU #102 site.

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

Permian New Mexico 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 produced water release incident in accordance with the Guidelines for Remediation of Leaks, Spills and Releases.

On January 17th 2010, the valve handle was left on the injection wellhead and a cow rubbed the handle off of the valve which caused the fluid to be released. 10bbls of fluid was released, with no recovery.

The contaminated soil was excavated, 1320 cubic yards of contaminated soil was hauled to Sundance Services for disposal. All samples except for SP4 which was near the wellhead and gas line were below the 250-ppm chloride Standard. Once final samples were confirmed by Cardinal Labs, the site was backfilled. 1152 cubic yards of backfill was purchased from the local landowner.

Based on the analytical results of the confirmation soil samples collected from the excavation and which confirmed that only SP4 was over the 250 threshold. 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 Apache NEDU #102 site.

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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 NEDU #102	Facility Type Injection Well

Surface Owner McCasland	Mineral Owner St of NM	Lease No. 30-025-06400
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LOCATION OF RELEASE

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Valve handle was left on wellhead valve and cow knocked valve open. Fluid released and soaked in before vacuum truck could get to location. Backhoe was dispatched out immediately to scrap up the saturated soil.

Describe Area Affected and Cleanup Action Taken.*

Site will be delienated and the chloride levels will be taken to 250-ppm. Once that is obtained, location will be backfill and a closure document will be submitted.

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:	
Title: EH&S Environmental Tech	Approval Date:	Expiration Date:
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 2-9-10 Phone: 575-390-4186		

* Attach Additional Sheets If Necessary



ARDINAL LABORATORIES

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

April 13, 2010

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

Re: NEDU 102

Enclosed are the results of analyses for sample number H19633, 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)

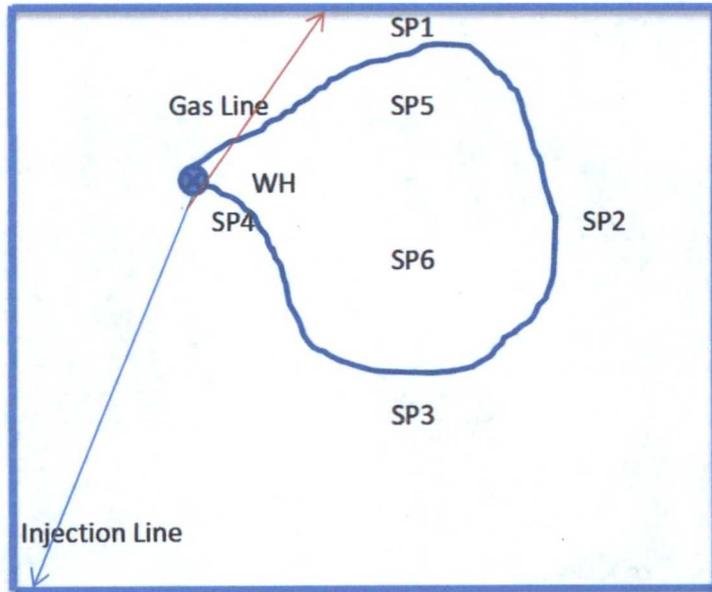
Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.

NEDU #102

Release Date: 01/17/2010



Sample ID	Chlorides
SP1	80-ppm
SP2	96-ppm
SP3	224-ppm
SP4	432-ppm
SP5	112-ppm
SP6	64-ppm