

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  
3 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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JUL 01 2010

HOBBSOCD

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.	505-390-4186
Facility Name	NEDU #824	Facility Type	Production
Surface Owner	Charlie Bettis	Mineral Owner	State
		API No.	30-025-34800

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	22	21S	37E	1101	North Line	1522	East Line	Lea

Latitude 32 deg - 28.02 minutes Longitude W 103 Deg 8.63 minutes Elevation 3356

NATURE OF RELEASE

Type of Release	Oil/Water	Volume of Release	80	Volume Recovered	70
Source of Release	Nupi clamp connection		2/19/08		2/19/08 10:50 am
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		2/19/08 at 12:15pm		
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.\*


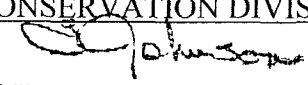
Describe Cause of Problem and Remedial Action Taken.\*

Nupi clamp connection busted causing the fluid to be released. Line was repaired, fluid was picked up, Emergency One Call placed and lines were pulled up on both sides of railroad tracks to start delineation.

Describe Area Affected and Cleanup Action Taken.\*

East and West sides of railroad tracks, in culvert running West to East, were filled up with fluid. NMOCD guidelines for remedial action 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  ENVIRONMENTAL ENGINEER	
Title: Environmental Tech	Approval Date: 7.7.10	Expiration Date:
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6/25/2010 Phone: 575-390-4186		IRP# 1792

Attach Additional Sheets If Necessary

PLWJS 018031837

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Address	P.O. Box 1849 Eunice, NM 88231	Telephone No.	505-390-4186
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Surface Owner	Charlie Bettis	Mineral Owner	State
		Lease No.	30-025-34800

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By Whom?	Natalie Gladden		2/19/08 at 12:15pm		
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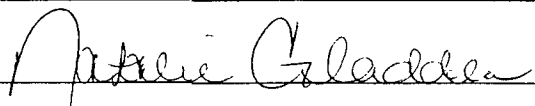
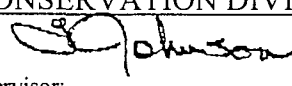
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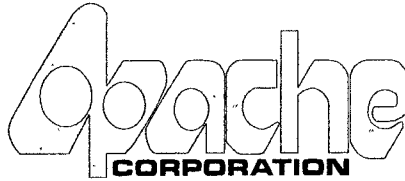
Describe Area Affected and Cleanup Action Taken.\*

East and West sides of railroad tracks, in culvert running West to East, were filled up with fluid. Elk Environmental on location in process of remedial action. NMOCD guidelines for remedial action will be followed.

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: Environmental Tech	ENVIRONMENTAL ENGINEER	
E-mail Address: natalie.gladden@apachecorp.com	Approval Date: 2.21.08	Expiration Date: 4.11.08
Date: 2/20/08 Phone: 505-390-4186	Conditions of Approval: Submit Final C-141 w/ Documentation	Attached <input type="checkbox"/> 1 RP# 1792

\* Attach Additional Sheets If Necessary



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HOBBSOCD

**NEDU #824**

**Lea County**

**Unit B, Sec22, TS21S, R37E**

**1101' FNL and 1522' FEL**

**API #30-025-38267**

**IRP# - 1792**

**Release Date: 02/19/2008**

**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 with sample points with sample results and final analytical taken from this site.

With this information that I 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 NEDU #824.

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

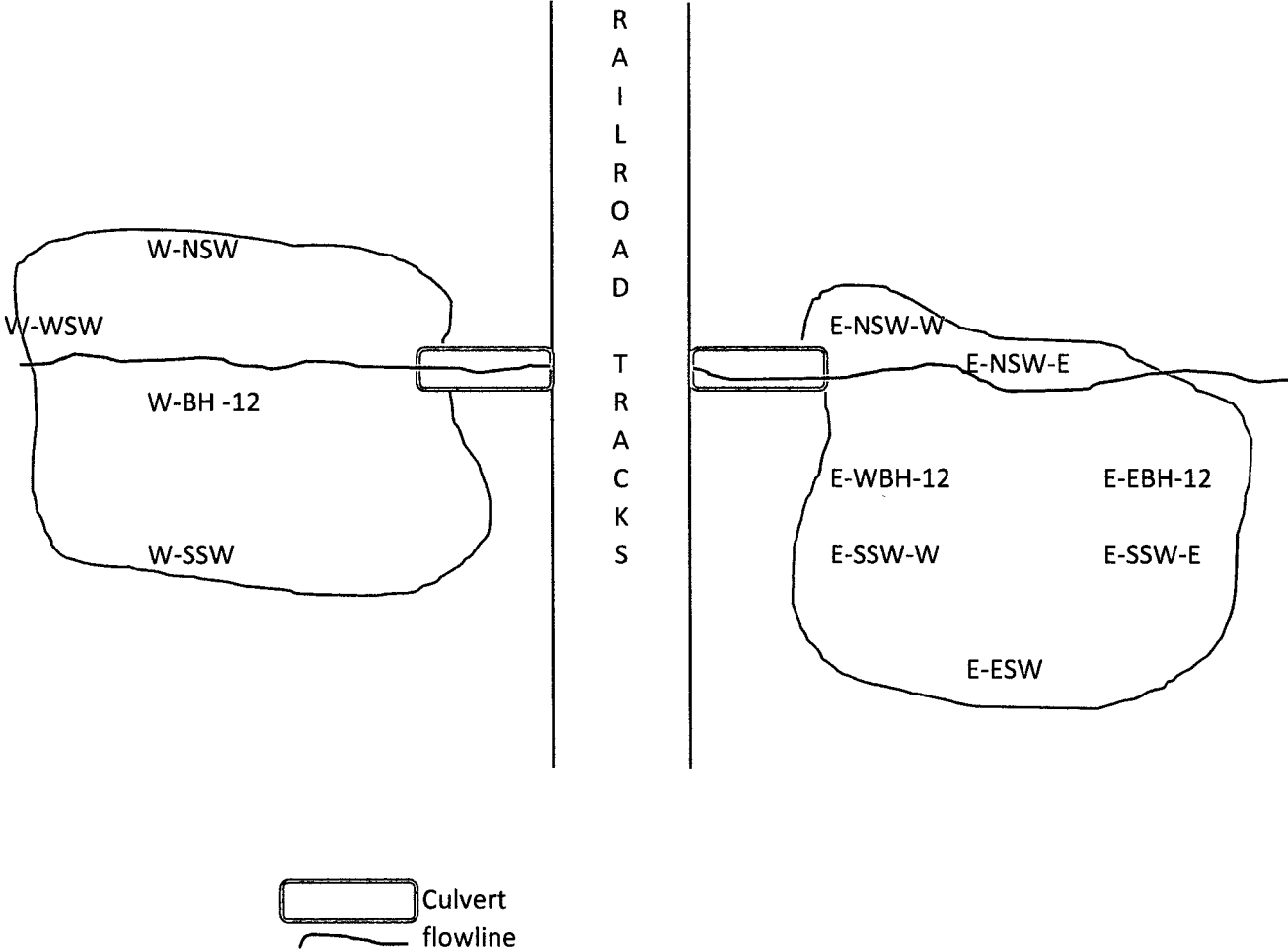
The purpose of this report is to document the clean up activities and present supporting analytical data to the NMOCD, requesting closure of the referenced produced water and hydrocarbon incident in accordance with the Guidelines for Remediation of Leaks, Spills and Releases.

On February 19<sup>th</sup>, 2008, local railroad maintenance was taken place when the workers found that at one of our culverts, the line had busted and there was fluid on both the west and east sides of the railroad tracks. An estimated volume of 80bbls of total fluid was released, with recovering an estimated volume of 70bbls of total fluid.

The contaminated soil was excavated from both the east and west sides of the culvert. At that time Apache Corporation decided to replace all lines that inside this particular culvert to prevent any new releases. Remediation from the west side of the contaminated was taken care of first, following up with the east side. All of the contamination was hauled to Sundance Services. Final confirmation samples were taken and excavated area was backfilled.

Based on the analytical results of the confirmation soil samples collected from the excavation and which confirmed that the soil was less then the Standards. 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 NEDU #824 release.

Sample ID	GRO	DRO	Cl	Benzene	Toluene	Ethyl Benzene	Total Xylenes
WEST-BH-12	<10.0	<10.0	80	<0.002	<0.002	<0.002	<0.006
WEST-NSW	<10.0	<10.0	96	<0.002	<0.002	<0.002	<0.006
WEST-SSW	<10.0	<10.0	112	<0.002	<0.002	<0.002	<0.006
WEST-WSW	<10.0	<10.0	64	<0.002	<0.002	<0.002	<0.006
WEST-BLEND 1	<10.0	<10.0	128	<0.002	<0.002	<0.002	<0.006
WEST-BLEND 2	<10.0	<10.0	128	<0.002	<0.002	<0.002	<0.006
EAST-WBH-12	<10.0	<10.0	96	<0.002	<0.002	<0.002	<0.006
EAST-EBH-12	<10.0	<10.0	96	<0.002	<0.002	<0.002	<0.006
EAST-NSW-W	<10.0	<10.0	80	<0.002	<0.002	<0.002	<0.006
EAST-NSW-E	<10.0	<10.0	64	<0.002	<0.002	<0.002	<0.006
EAST-SSW-W	<10.0	<10.0	80	<0.002	<0.002	<0.002	<0.006
EAST-SSW-E	<10.0	<10.0	96	<0.002	<0.002	<0.002	<0.006
EAST-ESW	<10.0	<10.0	96	<0.002	<0.002	<0.002	<0.006
EAST-BLEND1	<10.0	<10.0	96	<0.002	<0.002	<0.002	<0.006
EAST BLEND2	<10.0	<10.0	80	<0.002	<0.002	<0.002	<0.006





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

ANALYTICAL RESULTS FOR  
ELKE ENVIRONMENTAL, INC.  
ATTN: JOHN GOOD  
P.O. BOX 1830  
HOBBS, NM 88241  
FAX TO: (575) 738-0140


Receiving Date: 03/07/08  
Reporting Date: 03/11/08  
Project Owner: APACHE CORPORATION  
Project Name: NEDU #824  
Project Location: UL-J S15 T21S R37E

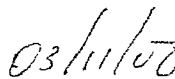
Sampling Date: 03/04/08  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C <sub>5</sub> -C <sub>10</sub> ) (mg/kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	(mg/kg)
ANALYSIS DATE		03/08/08	03/08/08	03/09/08
H14403-1	WEST-BH-12	<10.0	<10.0	80
H14403-2	WEST-NSW	<10.0	<10.0	96
H14403-3	WEST-SSW	<10.0	<10.0	112
H14403-4	WEST-WSW	<10.0	<10.0	64
H14403-5	WEST-BLEND1	<10.0	<10.0	128
H14403-6	WEST-BLEND2	<10.0	<10.0	128
H14403-7	EAST-WBH-12	<10.0	<10.0	96
H14403-8	EAST-EBH-12	<10.0	<10.0	96
H14403-9	EAST-NSW-W	<10.0	<10.0	80
H14403-10	EAST-NSW-E	<10.0	<10.0	64
Quality Control		426	478	490
True Value QC		500	500	500
% Recovery		85.2	95.6	98.0
Relative Percent Difference		1.0	2.4	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-CIB

\*Analyses performed on 1:4 w:v aqueous extracts.

  
Chemist

  
Date

H14403TCL ELKE

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# ARDINAL LABORATORIES

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Project Owner: APACHE CORPORATION  
Project Name: NEDU #824  
Project Location: UL-J S15 T21S R37E

Sampling Date: 03/04/08  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	(mg/kg)
ANALYSIS DATE		03/09/08	03/09/08	03/09/08
H14403-11	EAST-SSW-W	<10.0	<10.0	80
H14403-12	EAST-SSW-E	<10.0	<10.0	96
H14403-13	EAST-ESW	<10.0	<10.0	96
H14403-14	EAST-BLEND1	<10.0	<10.0	96
H14403-15	EAST-BLEND2	<10.0	<10.0	80
Quality Control		390	479	490
True Value QC		500	500	500
% Recovery		78.0	95.8	98.0
Relative Percent Difference		2.2	1.6	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-CIB

\*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

H14403TCLA ELKE

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Project Name: NEDU #824  
Project Location: UL-J S15 T21S R37E

Sampling Date: 03/04/08  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		03/10/08	03/10/08	03/10/08	03/10/08
H14403-1	WEST-BH-12	<0.002	<0.002	<0.002	<0.006
H14403-2	WEST-NSW	<0.002	<0.002	<0.002	<0.006
H14403-3	WEST-SSW	<0.002	<0.002	<0.002	<0.006
H14403-4	WEST-WSW	<0.002	<0.002	<0.002	<0.006
H14403-5	WEST-BLEND1	<0.002	<0.002	<0.002	<0.006
H14403-6	WEST-BLEND2	<0.002	<0.002	<0.002	<0.006
H14403-7	EAST-WBH-12	<0.002	<0.002	<0.002	<0.006
H14403-8	EAST-EBH-12	<0.002	<0.002	<0.002	<0.006
H14403-9	EAST-NSW-W	<0.002	<0.002	<0.002	<0.006
H14403-10	EAST-NSW-E	<0.002	<0.002	<0.002	<0.006
H14403-11	EAST-SSW-W	<0.002	<0.002	<0.002	<0.006
H14403-12	EAST-SSW-E	<0.002	<0.002	<0.002	<0.006
H14403-13	EAST-ESW	<0.002	<0.002	<0.002	<0.006
H14403-14	EAST-BLEND1	<0.002	<0.002	<0.002	<0.006
H14403-15	EAST-BLEND2	<0.002	<0.002	<0.002	<0.006
Quality Control		0.092	0.102	0.101	0.293
True Value QC		0.100	0.100	0.100	0.300
% Recovery		92.4	101	101	97.6
Relative Percent Difference		0.5	1.4	2.4	0.2

METHOD: EPA SW-846 8260

Chemist

Date

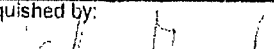


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Relinquished by:		Date:	Received By:	Phone Result:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone#:	631-3277 (J. Good)
		Time:		Fax Result:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:	
Relinquished by:		Date:		Remarks:	TPH soil x 15 = 1350 BTEX soil x 15 = 900 CI- soil x 15 = 375 \$2625 <sup>00</sup>		
Delivered By: (Circle One)		Time:	Received By:				
<input checked="" type="radio"/> Sampler <input type="radio"/> UPS <input type="radio"/> Bus <input type="radio"/> Other		Sample Condition	CHECKED BY:				
		Cool	(Initials)				
		Intact					
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
		<input type="checkbox"/> Yes <input type="checkbox"/> No					

*Note: Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.*