

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
700 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 EBDU Sat #5 (EBDU#60 nearest well)	Facility Type Production Facility

Surface Owner Lucille Bryant	Mineral Owner BLM	Lease No. 30-025-38113
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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	14	21S	37E	1270	FNL	2310	FEL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Hydrocarbon/Produced Water	Volume of Release 80	Volume Recovered 70
Source of Release Gasket on Firetube	11/29/09 730am	11/29/09 730am
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 11/30/09 715am	
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=25

Describe Cause of Problem and Remedial Action Taken.*

Gasket on firetube broke releasing a mixture of hydrocarbon and produced water. Contamination spread out inside the containment walls, west of battery and sprayed a large area southwest of battery. 70bbbls of total fluid was recovered.

Describe Area Affected and Cleanup Action Taken.*

Landowner requested that the pasture area be scrapped up and replaced with fresh topsoil. A local gang excavated the contaminated soil from inside the containment walls, and remainder of location was remediated to meet NMOCD guidelines 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: <i>Natalie Gladden</i>	OIL CONSERVATION DIVISION <i>Natalie Gladden</i> Environmental Specialist	
Printed Name: Natalie Gladden	Approved by District 5	
Title: EH&S Environmental Tech	Approval Date: 8/9/12	Expiration Date: -
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval: -	Attached <input type="checkbox"/>
Date: 07/25/12 Phone: 575-390-4186	IRP-6-14-3102	

Attach Additional Sheets If Necessary



HOBBS OCD

AUG 09 2012

RECEIVED

EBDU Sat #5
(Nearest well, EBDU #60)

Lea County

Unit B, 14, 21S, 37E

1270' FNL and 2310' FEL

API # (EBDU #60) 30-025-38113

Release Date 11/29/09

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 contaminated 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 EBDU Sat #5.

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

Sincerely,



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 and BLM, requesting closure of the referenced produced water release incident in accordance with the Guidelines for Remediation of Leaks, Spills and Releases.

On November 29th 2009, the gasket on the fire-tube broke releasing a mixture of hydrocarbon and produced water. The contamination had spread out inside the containment walls, west of the battery and sprayed a large area southwest of the battery. 80bbls of fluid was released and 70bbls was recovered.

The contaminated soil was excavated from inside the facilities containment walls and replaced with clean soil; the west side of the containment walls was excavated and replaced with clean soil and the pasture area where the misting occurred was washed down with dawn soap and water, plus the area was back-dragged. 636 cubic yards of contaminated soil was excavated and hauled to Sundance Services. A total of 936 cubic yards of clean soil was purchased from a local landowner for backfill.

Based on the analytical results of the confirmation soil samples collected from the excavation and which confirmed that the soil inside the battery was over the Standard of 250-ppm chlorides. Otherwise the Standards were met.

Consequently, no further action is needed inside the containment walls as to when the facility is abandoned the site will be remediated to Standard, the areas outside the containment walls was remediated to the State Standards. On behalf of Apache Corporation we respectfully request that the NMOCD/BLM grant closure for the EBDU Sat #5.

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State of New Mexico
Energy Minerals and Natural Resources

SENT

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DEC 02 2009

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Signature: <i>Natalie Gladden</i>	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"/>
Phone: 12/02/09 Phone: 575-390-4186		

* Attach Additional Sheets If Necessary

SENT
DEC 02 2009

Form NM 3162-1
(August 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR
Bureau of Land Management
New Mexico State Office

REPORT OF UNDESIRABLE EVENT

DATE OF OCCURRENCE/DISCOVERY: 11/29/09 TIME OF OCCURRENCE: 7:30 am

DATE REPORTED TO BLM: 11/30/09 TIME REPORTED: 9:40 am

BLM OFFICE REPORTED TO: (FIELD/DISTRICT/OTHER) Hobbs - Trisha Badbear

LOCATION: (1/4 1/4) #B SECTION 14 T. 21S R. 37E MERIDIAN

- Left message on cell + office

COUNTY: Lea STATE: Nm WELL NAME EBou Sat #5

OPERATOR: COMPANY NAME Apache PHONE NO. 350-4180
CONTACT PERSON'S NAME Natalie

SURFACE OWNER: Lucille Bryant MINERAL OWNER: BLM
(FEDERAL/INDIAN/FEE/STATE)

LEASE NO.: _____ RIGHT-OF-WAY NO.: _____

UNIT NAME / COMMUNITIZATION AGREEMENT NO.: _____

TYPE OF EVENT, CIRCLE APPROPRIATE ITEM (S):

BLOWOUT, FIRE, FATALITY, INJURY, PROPERTY DAMAGE, OIL SPILL, SALTWATER SPILL, OIL AND SALTWATER SPILL, TOXIC FLUID SPILL, HAZARDOUS MATERIAL SPILL, UNCONTROLLED FLOW OF WELLBORE FLUIDS, OTHER (SPECIFY):

Spill - hydrocarbon + produced water - 80 bbls of H fluid 70 bbls recovered

CAUSE OF EVENT: gasket on header broke

HazMat Notified: (for spills) None

Law Enforcement Notified: (for thefts) None

CAUSE AND EXTENT OF PERSONAL INJURIES/CAUSE OF DEATH(S):

None
Safety Officer Notified: _____

EFFECTS OF EVENT: spray out in pasture, fluid pooled west of bldg + inside containment walls

ACTION TAKEN TO CONTROL EVENT: Wells were shut in

LENGTH OF TIME TO CONTROL BLOWOUT OR FIRE: 1 1/2

VOLUMES DISCHARGED: OIL 30 WATER 50 GAS _____

OTHER AGENCIES NOTIFIED: NMCCO - Larry Johnson

ACTION TAKEN OR TO BE TAKEN TO PREVENT RECURRENCE: gasket + firetube
replaced.

FINAL INVESTIGATION:

TEAM NAME(S) _____

FIELD INSPECTION DATE _____

SUMMARY OF RESULTS OF INSPECTION _____

RESOURCE LOSS WAS (CIRCLE ITEM): AVOIDABLE UNAVOIDABLE

DATE OF MEMO NOTIFYING MINEALS MANAGEMENT SERVICE THAT LOSS WAS AVOIDABLE: _____

DATE/TIME/PERSON NOTIFIED:

DISTRICT OFFICE _____

STATE OFFICE _____

WASHINGTON OFFICE _____

SUMMARY OF RESULTS OF RECLAMATION/CORRECTIVE ACTION:

REMARKS: _____

SIGNATURE OF AUTHORIZED OFFICER _____

DATE: _____ TITLE: _____



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: EBDU Sat #5

Enclosed are the results of analyses for sample number H19634, 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**

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

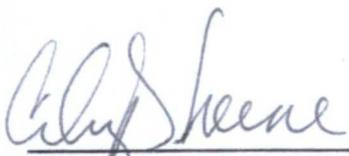
Receiving Date: 04/09/10
Reporting Date: 04/12/10
Project Owner: NOT GIVEN
Project Name: EBDU SAT #5
Project Location: NOT GIVEN

Analysis Date: 04/12/10
Sampling Date: 03/15/10
Sample Type: SOIL
Sample Condition: INTACT @ 13°C
Sample Received By: AB
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19634-1	SP1	240
H19634-2	SP2	48
H19634-3	SP3	352
H19634-4	SP4	592
H19634-5	SP5	576
H19634-6	SP6	80
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods 4500-Cl⁻B

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



Chemist



Date

H19634 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.



ARDINAL LABORATORIES

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

APACHE CORPORATION

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NATALIE GLADDEN		P.O. #:	
Project Manager: NATALIE GLADDEN		Company:	
Address: P.O. BOX 1849		Attn:	
City: EUNICE	St: NM	Zip #:	
Phone #: 575-390-4186	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name: EBDU SAT #5		State:	
Project Location:		Phone #:	
Sampler Name: NATALIE GLADDEN		Fax #:	

Lab I.D.	FOR LAB USE ONLY	BILL TO		ANALYSIS REQUEST													
		MATRIX	PRESERV.	SAMPLING	DATE	TIME	CHLORIDES										
H19634-1	SP1	GROUNDWATER	OTHER:		3/15	745AM											
-2	SP2	WASTEWATER	ICE / COOL		3/15	756AM											
-3	SP3	SLUDGE	ACID/BASE:		3/15	811AM											
-4	SP4	OIL	OTHER:		3/15	831AM											
-5	SP5	SOIL			3/15	906AM											
-6	SP6	WASTEWATER			3/15	1011AM											

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: [Signature] **Date:** 4/9/10
Time: 2:15p

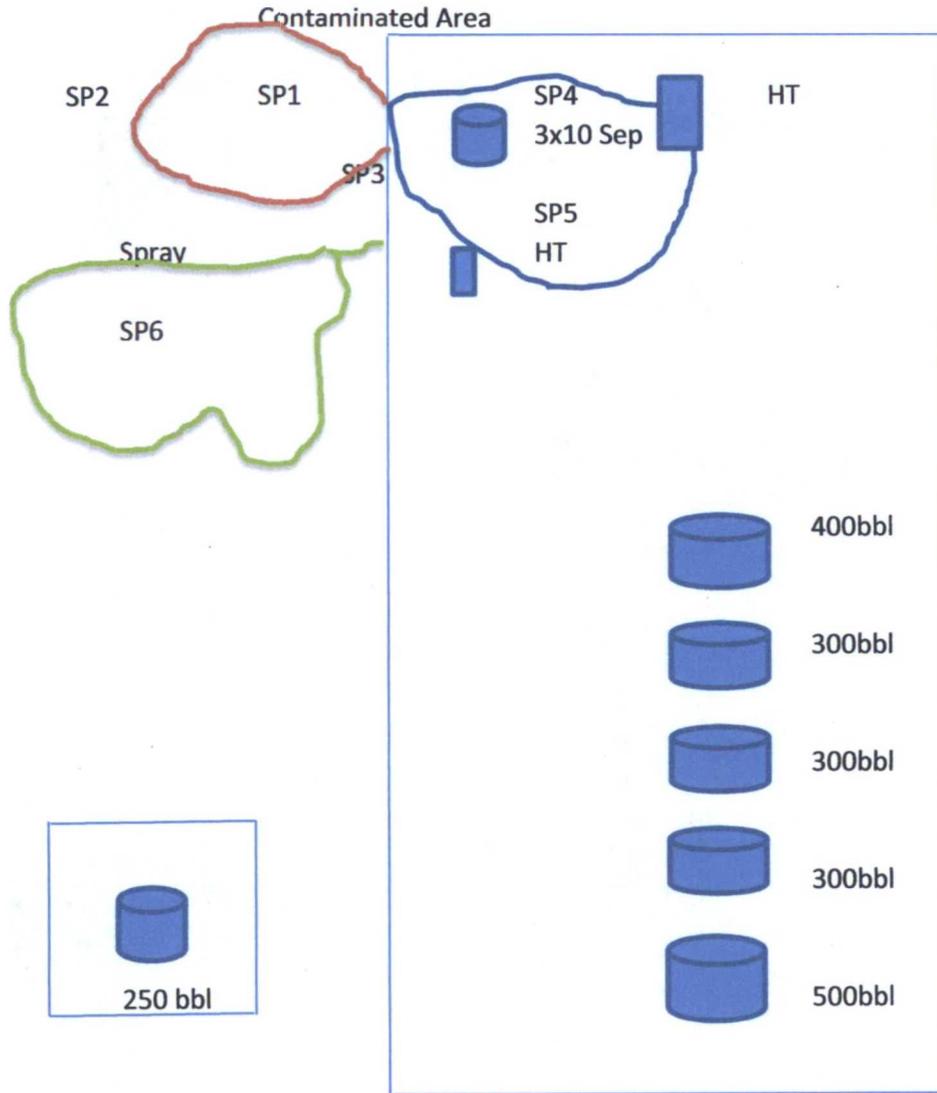
Delivered By: (Circle One) [Signature]
Sampler - UPS - Bus - Other: 130C #26

Sample Condition:
Cool Intact
Yes No

Checked By: [Signature] (Initials) **JB**

Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**

REMARKS:
EMAIL TO natalie.gladden@apachecorp.com



Sample ID	Chlorides
SP1	240-ppm
SP2	48-ppm
SP3	352-ppm
SP4	592-ppm
SP5	576-ppm
SP6	80-ppm