



DAVID FEATHER
ENVIRONMENTAL SUPERVISOR
DIRECT: (432) 818-1615
E-MAIL: DAVID.FEATHER@APACHECORP.COM

November 1, 2019

Mr. Bradford Billings
State of New Mexico Oil Conservation Division
1220 South St Francis Drive
Santa Fe, NM 87505

RE: 1RP-1787 Lockhart A-17 # 20

Mr. Billings,

In compliance with 19.15.29.15(B) NMAC and the agreement submitted by Apache Corporation on November 8, 2018, Apache Corporation is submitting information related to closure for the release occurring January 15, 2008. Apache is respectfully submitting the closure report based on remediation and studies occurring in 2008 that demonstrate the site meeting the requirements of the agency. Unless further information is requested by NMOCD, Apache Corporation considers this release closed.

If there are any questions, please feel free to contact me by telephone at 432-818-1615 or by e-mail at David.Feather@ApacheCorp.com.

Sincerely,

A handwritten signature in black ink, appearing to read "David Feather".

David Feather
Environmental Supervisor
Apache Corporation - Permian Basin Region

Attachment: Closure Report Dated December 4, 2009



Closure Document

Lockhart A-17 #20

Release Date: 01/15/08

30-025-38411

UH, S17, T21S, R37E

2630' FNL, 1310' FEL

Lea County

1RP1787

Prepared by:

Natalie Gladden

Apache Corporation

On January 15th, 2008; stuffing box packing blew out on the Lockhart A-17 #20 location. Approximately 21bbls of total fluid was released and 15bbls of total fluid was recovered. All of the fluid stayed on the location pad. A total depth of 4' was excavated with a total yardage of 1824 hauled to J&L Landfarm. Closure samples were obtained and taken into Cardinal Labs for confirmation. Once the closure samples were confirmed the location was backfilled with caliche.

Attached you will find a copy of the initial and final C141, Sample Map and Analytical Results from Cardinal Laboratories.

District I
625 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
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

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		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> 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	Lockhart A-17 #20	Facility Type	
Surface Owner	Mineral Owner	Lease No. 30-025-38411	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	17	21S	37E	2630	North Line	1310	East Line	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Oil/Wtr	Volume of Release	21	Volume Recovered	15 (est)
Source of Release	Packing blew out		1/15/2008		1/15/2008
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required		If YES, To Whom?		
By Whom?			Date and Hour		
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.*
Packing blew out. Contractor called out and dusted location.

RECEIVED

FEB 14 2008

Describe Area Affected and Cleanup Action Taken.*
Apache will clean contaminated area and follow NMOCD guidelines for remediation.

HOBBS OCD

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: 2-14-08	Expiration Date: 4-14-08
E-mail Address: Natalie.gladden@apachecorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
02/14/08 Phone: 505-390-4186		1 RP 1787

Attach Additional Sheets If Necessary



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
FAX TO: (575) 394-2425

Receiving Date: 03/18/08
Reporting Date: 03/19/08
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: LOCKHART A-17 #20

Analysis Date: 03/19/08
Sampling Date: 03/17/08
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: ML
Analyzed By: KS

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H14476-1	BTM E 4' HOLE #2	32
H14476-2	BTM W 4' HOLE #2	32
H14476-3	E WALL 2' HOLE #2	80
H14476-4	N WALL 2' HOLE #2	64
H14476-5	W WALL 2' HOLE #2	48
H14476-6	S WALL 2' HOLE #2	32
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		2.0

METHOD: Standard Methods

4500-ClB

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

Kristen Snyder
Chemist

03/19/08
Date

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. Cardinal shall not 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.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page _____ of _____

ARDINAL LABORATORIES

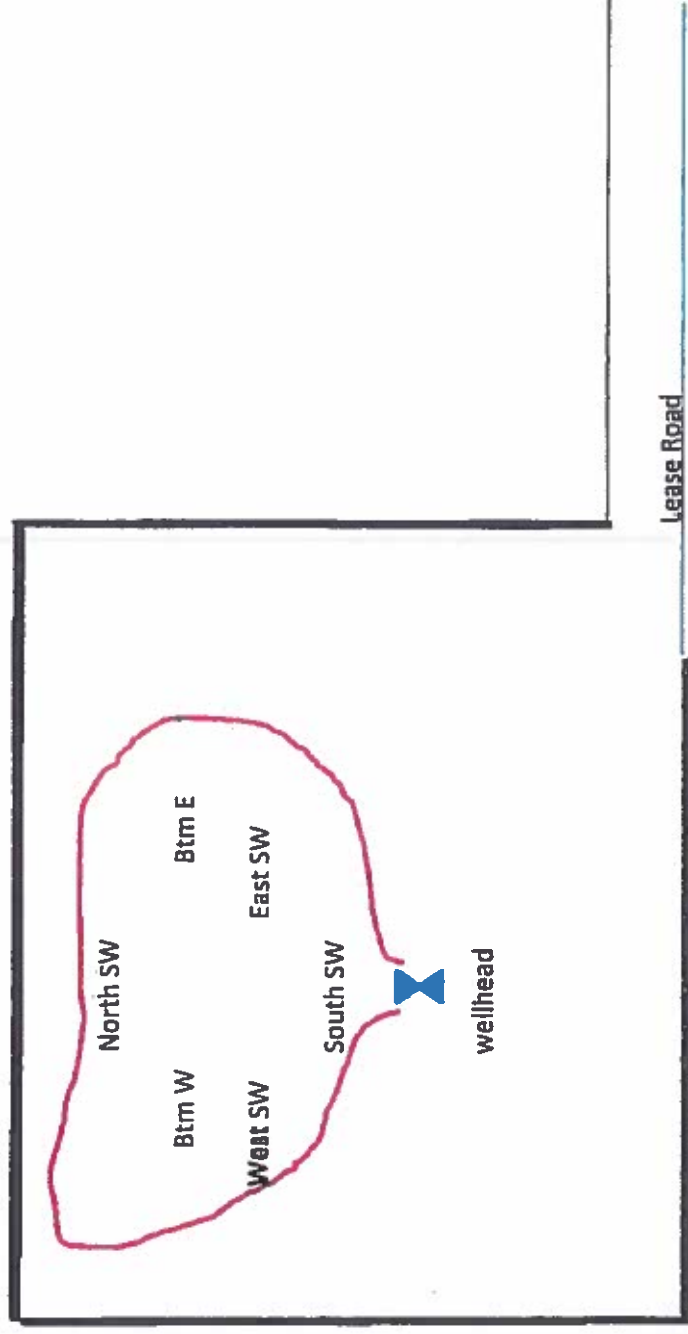
101 East Marland, Hobbs, NM 88240

(505) 393-2326 Fax (505) 393-2476

Company Name: Apache Corp		P.O. #:	
Project Manager: Blake Gladden		Company:	
Address: P.O. Box 1849		Attn:	
City: Lawrence		Address:	
Phone #: 300-4180		City:	
Fax #: 394-2425		State:	
Project #: Project Owner:		Zip:	
Project Name:		Phone #:	
Project Location: Leahad A-17 #20		Fax #:	
Sampler Name: Blake Gladden		Phone #:	
FOR LAB USE ONLY		Matrix	
Sample I.D.		PRESERV	
Lab I.D.		SAMPLING	
H/14476-1		DATE	
-2		TIME	
-3		OTHER	
-4		ICE / COOL	
-5		ACID/BASE	
-6		OTHER	
H/14476-1		SLUDGE	
-2		OIL	
-3		SOIL	
-4		WASTEWATER	
-5		GROUNDWATER	
-6		# CONTAINERS	
H/14476-1		(G) RAB OR (C) COMP	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	
-5		OTHER	
-6		DATE	
H/14476-1		TIME	
-2		OTHER	
-3		ICE / COOL	
-4		ACID/BASE	

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

Lockhart A-17 #20



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
J 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

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	Telephone No. 575-390-4186
Facility Name Lockhart A-17 #20	Facility Type Production well

Surface Owner Deck Estate	Mineral Owner NMOCD	Lease No. 30-025-38411
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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
H	17	21S	37E	2630'	FNL	1310'	FEL	Lca

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Hydrocarbon/Produced Water	Volume of Release 21	Volume Recovered 15
Source of Release Stuffing box leak	1-15-2008	1-15-2008
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? 1-16-2008	
By Whom? Larry Johnson	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Packing on stuffing box blew out releasing fluid onto well pad. All fluid remained on the well pad, no fluid went into the pasture area.

Describe Area Affected and Cleanup Action Taken.*

Vacuum truck was called out and standing fluid was picked up. Excavation started and went to the depth of 6' until closure samples were obtained.

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.

OIL CONSERVATION DIVISION

Signature:	Approved by District Supervisor:		
Printed Name: Natalie Gladden	Approval Date:	Expiration Date:	
Title: EH&S Environmental Tech	Conditions of Approval:		Attached <input type="checkbox"/>
E-mail Address: natalie.gladden@apachecorp.com			
Date: 12-04-09 Phone: 575-390-4186			

Attach Additional Sheets If Necessary

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Bruce Baker Title: Environmental Tech SR
 Signature: Bruce Baker Date: 11-1-19
 email: larry.baker@apachecorp.com Telephone: 432-631-6982

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by Bradford Billings Date: 06/22/2022
 Printed Name: Bradford Billings Title: Envi/Spec.A

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 2197

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 2197
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	6/22/2022