



Date: 11/13/21. Approx. 4:00 AM
Location: Carnival CTB
Incident: Heater Treater Fire and spill
Final Volume: 93 BBLS Oil

Description:

At approximately 4:00 AM Greg Legier, FME gate security guard, called FME Field Superintendent, Clay Treadaway, and told him there was a fire at the Carnival CTB [facility ID (f#) fAPP2123468509]. Clay immediately went to the battery and found treater flame arrestor was on fire. Got 20lb fire extinguisher and attempted to extinguish fire. Was unsuccessful. Heater tube began to leak oil. Decision was made to ESD facility and call Jal Fire Department. Started recirculating water to heater, closed water dump valve. When water level got above leak in tube, fire was extinguished. Fire was out before fire department arrived. Fire department remained on location until they felt comfortable all ignition risk was eliminated. Remediation: Safety equipment, vac truck, and gang were dispatched to location for cleanup. Full cleanup was complete on 11/18/2021.

Root Cause:

Fire tube manufacturing flaw.

Remediation:

Fluids were fully contained. 93 BBLS were vac'd up and the containment and equipment were power washed. All fire tubes within FME's operation have been pulled and x-rayed to ensure integrity. All fire tubes will be x-rayed prior to site installation go-forward.



Photos of spill within containment:

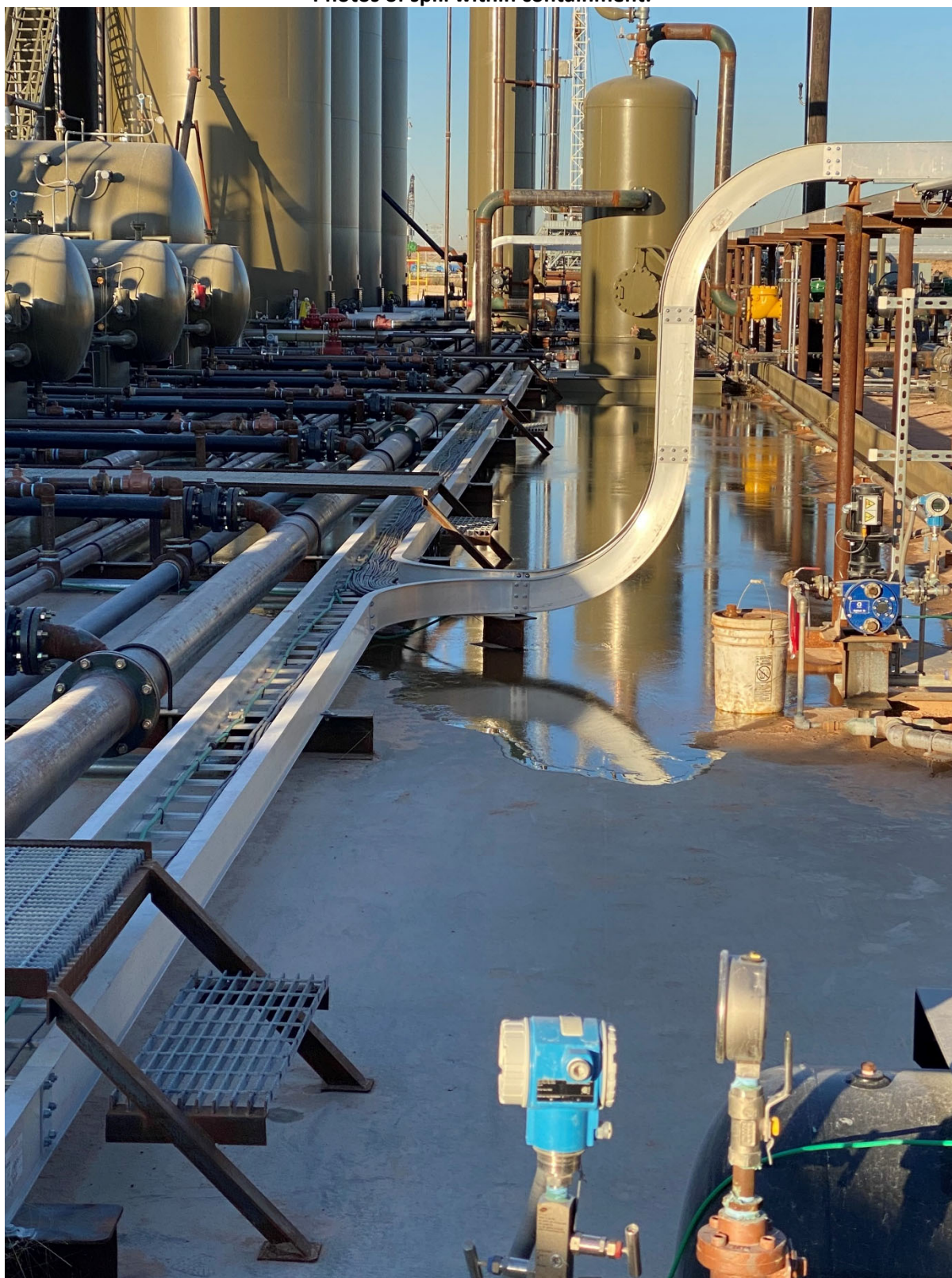






Photo of vessel:





Photos of cleaned and restored:





District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2131947608
District RP	
Facility ID	FAPP2123468509
Application ID	

Release Notification

Responsible Party

Responsible Party: Franklin Mountain Energy, LLC	OGRID: 373910
Contact Name: Craig Walters	Contact Telephone: 720-414-7868
Contact email: cwalters@fmellc.com	Incident # (assigned by OCD) NAPP2131947608
Contact mailing address: 44 Cook St., Ste. 1000 Denver, CO 80206	

Location of Release Source

Latitude 32.166139 Longitude -103.338089 NAD83
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Carnival CTB (FAPP2123468509)	Site Type: Production Facility
Date Release Discovered: 1/13/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
C	02	25S	35E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 93	Volume Recovered (bbls) 93
<input type="checkbox"/> Produced Water	Volume Released (bbls):	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

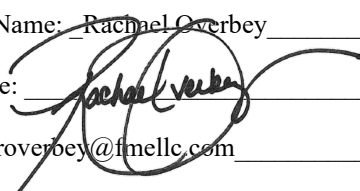
Cause of Release: Fire tube failure. Manufacturing flaw. All fire tubes have been or will be x-rayed going forward to ensure integrity.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Volume of release greater than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? NOR was submitted 11/15/2021.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Rachael Overbey</u>	Title: <u>Dir. Operations Planning & Regulatory</u>
Signature: 	Date: <u>12/1/2021</u>
email: <u>_roverbey@fmllc.com</u>	Telephone: <u>720-414-6878</u>
<u>OCD Only</u>	
Received by: _____	Date: _____



VOLUME CALCULATION

Volume spilled during Carnival Heater event is ~93 bbls.

- 93 bbls = Starting Volume in Vessel (204 bbls) – Ending Volume in Vessel (111 bbls)

Starting Volume in Vessel = 204 bbls

- 204 bbls = Volume of Liquid in Vessel to Wier (221 bbls) – Volume Occupied by Firetubes (17 bbls)

Volume in Cylinder	210 bbl
Volume in (1) Elliptical Head	11 bbl
Total Volume in vessel to "h"	221 bbl
	TO WEIR
Volume in 1 Length of 1 Tube	4 bbl
Volume in Bend of 1 Tube	1 bbl
Total Volume	17 bbl
	TOTAL
	BURNER
	TUBE
	VOLUME

Ending Volume in Vessel = 111 bbl

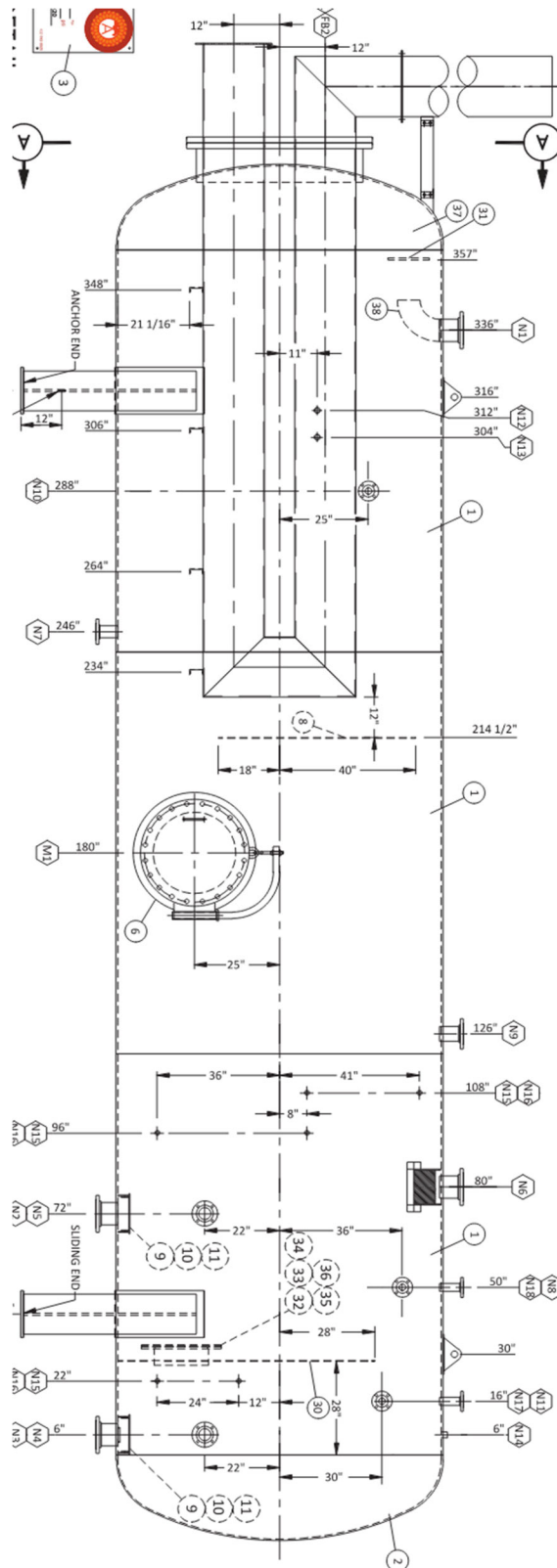
- 111 bbls = Volume of Liquid in Vessel to Firetube Leak (119 bbls) – Volume Occupied by Submerged Firetubes (8 bbls)

Volume in Cylinder	114 bbl
Volume in (1) Elliptical Head	5 bbl
Total Volume in vessel to "h"	119 bbl
	TO TOP OF
	BOTTOM
	BURNER

Volume in 1 Length of 1 Tube	4 bbl
Volume in Bend of 1 Tube	0 bbl
Total Volume	8 bbl



Drawing of Heater:



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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

N/A - Fully
Contained

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

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Printed Name: Rachael Overbey Title: Dir. Operations Planning & RegulatorySignature:  Date: 12/1/2021email: roverbey@fmelc.com Telephone: 720-414-6878**OCD Only**

Received by: _____ Date: _____



December 1, 2021

RE: Release Closure Report for Record - Incident Number NAPP2131947608

Franklin Mountain Energy, LLC (FME) had a spill, within containment, at our CARNIVAL CTB (FAPP2123468509) location on 11/13/2021. A C-141 was filed and FME was issued incident number NAPP2131947608.

The spill was completely contained, containment vac'd, containment/equipment power washed, and site cleaned up by 11/18/20. There were no leaks in the containment and there was no impact to the surface of the location. FME visually inspected the area. The site is available for NMOCD Compliance inspection.

Please consider the site cleaned/restored and close the reported incident.

Please feel free to contact me directly with any questions or concerns at 303-570-4057.
Thank you!

Rachael Overbey

Director - Operations Planning & Regulatory

Franklin Mountain Energy LLC

44 Cook St., Suite 1000

Denver, CO 80206

Main: 720.414.7868

Mobile: 303.570.4057

roverbey@fme LLC.com

Incident ID	NAPP2131947608
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Closure

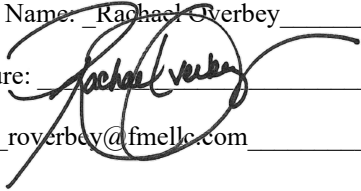
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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 N/A - Fully Contained
- ☒ 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) N/A - Fully Contained
- ☒ 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: Rachael Overbey Title: Dir. Operations Planning & Regulatory

Signature:  Date: 12/1/2021

email: roverbey@fmellic.com Telephone: 720-414-6878

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: _____ Date: _____

Printed Name: _____ Title: _____

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 68236

CONDITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 68236
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	The submitted C-141 is accepted with the following condition(s): The lateral and longitudinal information does not match the ULSTR regarding the release location. Please correct the conflicting information and report back to OCD. The latitude and longitude information on the C-141 resulted in the following ULSTR: B-2-25S-35W. Also there is a discrepancy on the date of release: 1/13/2021 or 11/13/2021? Please clarify.	12/21/2021