

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401541350

Date Received:

02/09/2018

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

453779

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC	Operator No: 10112	<b>Phone Numbers</b>
Address: 5057 KELLER SPRINGS RD STE 650		Phone: (303) 2448114
City: ADDISON State: TX Zip: 75001		Mobile: (720) 2572302
Contact Person: Alyssa Beard		Email: abeard@foundationenergy.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401516727

Initial Report Date: 01/17/2018 Date of Discovery: 01/17/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR Lot 4 SEC 6 TWP 7N RNG 59W MERIDIAN 6

Latitude: 40.611190 Longitude: -104.025991

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: TANK BATTERY  Facility/Location ID No 435380  
 No Existing Facility or Location ID No.  
 Well API No. (Only if the reference facility is well) 05- -

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

Were Five (5) barrels or more spilled? No

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): >=1 and <5 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): 0

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify:

Land Use:

Current Land Use: NON-CROP LAND Other(Specify):

Weather Condition: Sunny

Surface Owner: FEE Other(Specify):

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State  Residence/Occupied Structure  Livestock  Public Byway  Surface Water Supply Area   
As defined in COGCC 100-Series Rules

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

The release was caused by over-pressuring of the fire tube gasket on the treater. The well was immediately shut in and pressure was removed from the treater vessel. A vac truck removed remaining fluids from the treater and removed standing oil from the ground.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
1/18/2018	Weld County LEPC	Roy Rudisill	-	Emailed release information
1/18/2018	Landowner	Don Wickstrom	970-6563676	Left voicemail with release information
1/18/2018	COGCC	Rick Allison	970-4612970	Notified Rick of release in a phone call

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 02/09/2018

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	2	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0	0	<input type="checkbox"/>

specify: \_\_\_\_\_

Was spill/release completely contained within berms or secondary containment? NO Was an Emergency Pit constructed? NO

*Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.*

**A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit**

Impacted Media (Check all that apply)  Soil  Groundwater  Surface Water  Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 125 Width of Impact (feet): 35

Depth of Impact (feet BGS): \_\_\_\_\_ Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

The release impacted a surficial area of rangeland southeast of the heater treater with a spray from a ruptured gasket. The extent was initially determined visually as a crew arrived to remove impacted soil. Rick Allison from COGCC provided further direction after arriving on location. To confirm that the impacted soil exceeding the COGCC Table 910 standard was removed, confirmation soil samples were collected on January 23, 2018. The samples were collected from approximately 2" bgs in the area that had been scraped to remove stained soil on the surface. The samples were placed in a cooler with ice and sent to Summit Scientific for analysis of GBTEX and DRO. Sample locations are shown on the attached map.

Soil/Geology Description:

Platner loam 0-3% slopes

Depth to Groundwater (feet BGS) 20 Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest Water Well 2133 None  Surface Water \_\_\_\_\_ None

Wetlands \_\_\_\_\_ None  Springs \_\_\_\_\_ None

Livestock \_\_\_\_\_ None  Occupied Building \_\_\_\_\_ None

Additional Spill Details Not Provided Above:

## CORRECTIVE ACTIONS

#1	Supplemental Report Date:	02/09/2018		
Cause of Spill (Check all that apply)		<input type="checkbox"/> Human Error	<input checked="" type="checkbox"/> Equipment Failure	<input type="checkbox"/> Historical-Unknown
		<input type="checkbox"/> Other (specify) _____		
Describe Incident & Root Cause (include specific equipment and point of failure)				
The fire tube gasket on the heater treater failed due to over-pressuring.				
Describe measures taken to prevent the problem(s) from reoccurring:				
The upper and lower gaskets and both PRVs were replaced by Foundation and tested in order to prevent overpressure on the vessel in the future.				
Volume of Soil Excavated (cubic yards):		19		
Disposition of Excavated Soil (attach documentation)		<input checked="" type="checkbox"/> Offsite Disposal	<input type="checkbox"/> Onsite Treatment	
		<input type="checkbox"/> Other (specify) _____		
Volume of Impacted Ground Water Removed (bbls):		0		
Volume of Impacted Surface Water Removed (bbls):		0		

## REQUEST FOR CLOSURE

**Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.**

Basis for Closure:  Corrective Actions Completed (documentation attached)

Work proceeding under an approved Form 27

Form 27 Remediation Project No: \_\_\_\_\_

### OPERATOR COMMENTS:

Request for NFA. The scraped area will be re-seeded as needed in the spring.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Alyssa Beard

Title: EHS and Regulatory Date: 02/09/2018 Email: abeard@foundationenergy.com

### COA Type

### Description

	Based on the information presented, it appears that no further action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be impacted, then further investigation and/or remediation activities may be required. In addition, the surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules.
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## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401541350	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401541353	DISPOSAL MANIFEST
401541356	DISPOSAL MANIFEST

401541362	ANALYTICAL RESULTS
401541369	SITE MAP
401541371	TOPOGRAPHIC MAP
401541379	ANALYTICAL RESULTS
401546614	FORM 19 SUBMITTED

Total Attach: 8 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
		Stamp Upon Approval

Total: 0 comment(s)