

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:

402510476

Date Received:

10/14/2020

Spill report taken by:

YOUNG, ROB

Spill/Release Point ID:

477237

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

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402443645

Initial Report Date: 07/15/2020 Date of Discovery: 07/14/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NESW SEC 6 TWP 1N RNG 46W MERIDIAN 6

Latitude: 40.079387 Longitude: -102.563878

Municipality (if within municipal boundaries): _____ County: YUMA

Reference Location:

Facility Type: OTHER

☐ Facility/Location ID No _____

Spill/Release Point Name: Water Gathering Line

☐ Well API No. (Only if the reference facility is well) 05- -

☒ No Existing Facility or Location ID No.

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? Yes

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

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=5 and <100

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: 10 bbls

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Partly cloudy and 70 degrees

Surface Owner: OTHER (SPECIFY)

Other(Specify): David Blach

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):

On Tuesday July 14th at approximately 9:30AM, a gathering line release was discovered south east of the Davis 1-6 location. This release was determined to be caused by a bad cold fuse that failed on the 2 inch poly line buried approximately 3 feet below ground surface. Within 20 minutes, the units were shut off and the line was isolated. The pipe was then dug up and clamps were installed. The old fuse will be cut out and replaced with a new one. This was a produced water spill containing no hydrocarbons.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
7/14/2020	COGCC	Rob Young	303-252-0126	Called & notified about spill
7/14/2020	Surface Owner	David Blach	970-630-0181	Called & left voicemail notifying about spill
7/15/2020	Yuma County Emergency Mgmt	Roger Brown	970-630-3799	Called & left voicemail notifying about spill

Was there a Grade 1 Gas Leak? Yes ☐ No ☒

If YES, enter the Document Number of the Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

Was there damage during excavation? Yes ☐ No ☒

If YES, was CO 811 notified prior to excavation? Yes ☐ No ☐

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 10/14/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	10	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): 240 Width of Impact (feet): 133

Depth of Impact (feet BGS): 4 Depth of Impact (inches BGS): _____

How was extent determined?

The extent was determined visually during clean up. Two soil samples were collected from the spill path and sent to American Agricultural Lab in McCook, NE in order to determine the necessary volume of soil amendments. Foundation plans to collect confirmation soil samples every 30' once amendment has been applied and had time to be effective. The results of these soil samples will be reported in a Supplemental Form 19.

Soil/Geology Description:

Valent sand

Number Water Wells within 1/2 mile radius: 3

Additional Spill Details Not Provided Above:

Foundation is submitting the analytical results of two discrete sample locations collected along the path of the spill. The results show levels of SAR and soluble salts that surpass the COGCC standard for inorganics. The results were used to calculate the amount of agricultural gypsum to be applied to the spill area. Samples will be taken approximately every 6 months to monitor that effect of the gypsum, at an interval of every 30' along the spill path. *Root cause analysis* The line failure can be attributed to a bad cold fuse. The line failed between the 4-5 o'clock position on the 2" poly pipe at ~ 3' bgs. Approximately six feet of pipe was cut out and replaced after the leak. The line was fused back together, and pressure tested for 30 minutes while the excavation was open to make sure the fuse was good before the line was backfilled and placed back into service.

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.

☐ Work proceeding under an approved Form 27

Form 27 Remediation Project No:

Foundation is submitting the results of soil sampling that occurred after the spill, prior to the application of any gypsum product.

*Resubmitted with root cause discussion 10/14/20.

Thanks

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: EHSR Manager Date: 10/14/2020 Email: regulatory@foundationenergy.com

COA Type

Description

Attachment Check List

Att Doc Num

Name

402510476	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402510479	SITE MAP
402510482	ANALYTICAL RESULTS
402510522	ANALYTICAL RESULTS
402510899	OTHER
402511040	FORM 19 SUBMITTED

Total Attach: 6 Files

General Comments

User Group

Comment

Comment Date

Environmental	Pushed to DRAFT to allow operator to add root cause analysis.	10/14/2020
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Total: 1 comment(s)