

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400742650

Date Received:

12/04/2014

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

440130

## SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. 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>	<b>Phone Numbers</b>
Address: <u>16000 DALLAS PARKWAY #875</u>		Phone: <u>(918) 526-5591</u>
City: <u>DALLAS</u>	State: <u>TX</u>	Mobile: <u>(918) 636-7239</u>
Zip: <u>75248-6607</u>		Email: <u>regulatory@foundationenergy.com</u>
Contact Person: <u>Caitlin O'Hair</u>		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400738975

Initial Report Date: 11/24/2014 Date of Discovery: 11/21/2014 Spill Type: Historical Release

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENW SEC 14 TWP 4S RNG 104W MERIDIAN 6

Latitude: 39.712770 Longitude: -109.041060

Municipality (if within municipal boundaries): \_\_\_\_\_ County: RIO BLANCO

#### Reference Location:

Facility Type: WELL
☐ Facility/Location ID No \_\_\_\_\_

☐ No Existing Facility or Location ID No.

☒ Well API No. (Only if the reference facility is well) 05-103-10446

#### 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): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=1 and <5

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: Partly cloudy, drySurface Owner: FEDERAL

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):

Well head broke at nipple at two valves on the tubing side of the well head. This allowed some water from the flowline to spill onto location at an estimated 2-3 bbls of production water. Exact cause is unknown, but we think that the rods spun backwards at a high speed causing the bearing to seize, putting force into the wellhead. This then caused the well head to spin 270 degrees counter-clockwise after breaking the flow line.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
11/24/2014	COGCC	Stan Spencer	970-6252497	Did not pick up phone, left message.
11/24/2014	LEPC	John Hutchins	970-878-5023	Number disconnected, sent email at jhutchins@co.rio-blanco.co.us

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 12/01/2014			
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	0	0	<input type="checkbox"/>	
PRODUCED WATER	3	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): 100 Width of Impact (feet): 10

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

The extent was determined by sight. No excavation has been done.

Soil/Geology Description:

Brown dirt with sand

Depth to Groundwater (feet BGS) 100 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well	<u>          </u>	None <input checked="" type="checkbox"/>	Surface Water	<u>989</u>	None <input type="checkbox"/>
Wetlands	<u>          </u>	None <input checked="" type="checkbox"/>	Springs	<u>          </u>	None <input checked="" type="checkbox"/>
Livestock	<u>          </u>	None <input checked="" type="checkbox"/>	Occupied Building	<u>          </u>	None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

The surface owner, BLM (Craig Williamson took our call), was notified 11/24 and said they would get back to us if they required any additional work to be done. Please also not that this is not a historical spill - that was a mis-click. It was a recent spill due to a break in the flowline.

## CORRECTIVE ACTIONS

#1	Supplemental Report Date:	12/01/2014
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Cause of Spill (Check all that apply) ☐ Human Error ☒ Equipment Failure ☐ Historical-Unknown  
☐ Other (specify) \_\_\_\_\_

Describe Incident & Root Cause (include specific equipment and point of failure)

Well head broke at nipple at two valves on the tubing side of the well head. This allowed some water from the flowline to spill onto location at an estimated 2-3 bbls of production water. Exact cause is unknown, but we think that the rods spun backwards at a high speed causing the bearing to seize, putting force into the wellhead. This then caused the well head to spin 270 degrees counter-clockwise after breaking the flow line.

Describe measures taken to prevent the problem(s) from reoccurring:

The well has been shut in since discovered and we are working to fix the equipment.

Volume of Soil Excavated (cubic yards): 0

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☒ Onsite Treatment  
☐ 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: \_\_\_\_\_

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

Signed: \_\_\_\_\_ Print Name: Rachel Grant

Title: Sr. HSE/ Regulatory Tech Date: 12/04/2014 Email: regulatory@foundationenergy.com

## Attachment Check List

Att Doc Num	Name
400742717	SITE MAP

Total Attach: 1 Files

## General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)