

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400967190

Date Received:

01/08/2016

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

444492

## 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>EOG RESOURCES INC</u>	Operator No: <u>27742</u>	<b>Phone Numbers</b>
Address: <u>600 17TH ST STE 1100N</u>		Phone: <u>(307) 2357124</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(307) 2516728</u>
Zip: <u>80202</u>		Email: <u>steve_bugni@eogresources.com</u>
Contact Person: <u>Steve Bugni</u>		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400962788

Initial Report Date: 01/01/2016 Date of Discovery: 12/31/2015 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR NW/NE SEC 6 TWP 11N RNG 62W MERIDIAN 6Latitude: 40.955719 Longitude: -104.362640Municipality (if within municipal boundaries): N/A County: WELD

#### Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 415149☐ 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? Yes

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

Estimated Oil Spill Volume(bbl): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=5 and <100Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: \_\_\_\_\_

#### Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): \_\_\_\_\_

Weather Condition: 20 degrees F, no precipitationSurface 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):

On the morning of 12/31/2015 a leak was discovered on a produced water line at the Simba 1-06 SWD. The leak was caused by a dial gauge that had frozen, rupturing the Bourden tube. Approximately 96 bbls of produced water were spilled on location, outside of secondary containment. Approximately 3 bbls of produced water ran off of EOG's location in a narrow trickle down a shallow draw approximately 25 yards to the northwest of the edge of the location. The ground off location was frozen and covered with snow, and the produced water ran under the snow. The spill does not threaten any surface water. The broken gauge was replaced with a plug to prevent further leaks. Initial notification to Weld County and the surface owner will be attempted to be made on the morning of 1/1/2016, in accordance with COGCC Rule 906.b.(2) and Rule 906.b.(3), respectively.

List Agencies and Other Parties Notified:

## SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:	01/08/2016		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	0	0	<input type="checkbox"/>	
PRODUCED WATER	53	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): 75 Width of Impact (feet): 10

Depth of Impact (feet BGS): \_\_\_\_\_ Depth of Impact (inches BGS): 2

How was extent determined?

The extent was determined visually.

Soil/Geology Description:

The soils at the Simba 1-06 SWD location are a constructed pad of road mix on top of native soils.

Depth to Groundwater (feet BGS) 60 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well	_____	None <input checked="" type="checkbox"/>	Surface Water	<u>1100</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	_____	None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

The frozen pressure gauge at the pig receiver caused water to leak 53 bbls of produced water on location before it was discovered and stopped. The produced water ran across location to the west, and ran off location approximately 25 yards under the snow. No produced water was recovered as it had all soaked into the ground at the time of discovery. Soil samples were collected on 1/4/2016 both on location and off location to determine the nature of the contamination. Soils will be analyzed by a laboratory to determine if contaminant levels exceed the concentration levels in COGCC Table 910-1 and if remediation is required. The Weld County Office of Emergency Management and the landowner Loyd Farms were notified of the spill on 1/1/2016 in accordance with COGCC Rule 906.b.(2) and Rule 906.b.(3), respectively.

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/08/2016

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)

The Bourden tube on a pressure gauge on a produced water line froze and ruptured, causing produced water to leak out of the gauge.

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

The gauge was replaced with a plug to stop the leak.

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): \_\_\_\_\_

Volume of Impacted Surface Water Removed (bbls): \_\_\_\_\_

## 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:

\_\_\_\_\_

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

Signed: \_\_\_\_\_ Print Name: Steve Bugni

Title: Environmental Tech Date: 01/08/2016 Email: steve\_bugni@eogresources.com

### COA Type

### Description

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## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400967284	AERIAL PHOTOGRAPH
400967286	AERIAL PHOTOGRAPH
400967287	AERIAL PHOTOGRAPH

Total Attach: 3 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)