

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400834233

Date Received:

05/01/2015

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

441077

## 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) 235-7124</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(307) 251-3728</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# 400800646

Initial Report Date: 02/27/2015 Date of Discovery: 02/12/2015 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 19 TWP 11N RNG 62W MERIDIAN 6Latitude: 40.902854 Longitude: -104.355313Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

#### Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 421221☐ 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? No

*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: OTHEROther(Specify): Oil production - confined to well pWeather Condition: Sunny, 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):

A hole was discovered in a produced water tank. Produced water leaked under the tank, was confined to secondary containment and did not leave the EOG location. Describe immediate response (how stopped, contained & recovered): Immediately isolated and drained the tank. No emergency pits constructed. Extent will be determined by analytical sampling, visually, and olfactory senses. Soils will be sampled for BTEX, pH, EC, SAR, and ESP. Contaminated soils will be removed and disposed. Tank will be repaired and inspected.

List Agencies and Other Parties Notified:

## SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 05/01/2015		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	20	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? YES 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): 20 Width of Impact (feet): 20

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

How was extent determined?

Analytical soil samples were collected. See attached diagram for sample locations. Samples 1, 2, 3, and 4 were located in the top 6 inches of soil on the outer edge of the produced water tank. Sample ID 1-4 GC 12-19H is a composite of 1-4. Sample ID 1-A GC 12-19H is from location 1. Sample ID 4-A GC 12-19H is from location 4. Sample 5 was taken 15 feet south of the PW tank outside the berm. Sample 6 was taken 30 feet south of Sample 5. Sample 7 was taken inside the berm 20 feet to the south west of the PW tank. Sample 8 was taken inside the berm to the north of the PW tank. Composite samples 1-4 had a sodium concentration of 143 meq/L, sodium adsorption ratio (SAR) of 102, and non-detect gas range organics (GRO) and diesel range organics (DRO). Samples 5 and 6 located outside secondary containment both had SARs less than 4 and non-detect BTEX.

Soil/Geology Description:

Gravel on top of native soils. Native soils are silts/clays.

Depth to Groundwater (feet BGS) 35 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>        </u>	None <input checked="" 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>1300</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 05/01/2015

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)

A hole developed in the bottom of the produced water tank due to normal wear and tear, releasing 20 bbls produced water into secondary containment. Analytical results (attached) show the produced water leak did not migrate outside secondary containment. Due to the leak being contained within secondary containment and primarily under the PW tank, EOG Resources, Inc. is proposing no further corrective actions.

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

The tank was immediately drained and isolated. The tank bottom will be inspected and repaired before it is put back into operation.

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: Steve Bugni

Title: Environmental Tech Date: 05/01/2015 Email: steve\_bugni@eogresources.com

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400834277	ANALYTICAL RESULTS
400834280	ANALYTICAL RESULTS
400834286	SITE MAP
400834287	AERIAL PHOTOGRAPH
400834288	AERIAL PHOTOGRAPH
400834289	AERIAL PHOTOGRAPH

Total Attach: 6 Files

### General Comments

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

Total: 0 comment(s)