

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

402142396

Date Received:

08/14/2019

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

466516

## 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: KERR MCGEE OIL & GAS ONSHORE LP	Operator No: 47120	<b>Phone Numbers</b> Phone: (970) 515-1698 Mobile: ( <u>  </u> ) <u>      </u> Email: Gregory.Hamilton@ana-darko.com
Address: P O BOX 173779		
City: DENVER	State: CO Zip: 80217-3779	
Contact Person: Greg Hamilton		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402136329

Initial Report Date: 08/06/2019 Date of Discovery: 08/06/2019 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENW SEC 4 TWP 2N RNG 67W MERIDIAN 6

Latitude: 40.169300 Longitude: -104.896740

Municipality (if within municipal boundaries): Firestone County: WELD

#### Reference Location:

Facility Type: TANK BATTERY

☒ Facility/Location ID No 330811

Spill/Release Point Name: BABCOCK

☐ No Existing Facility or Location ID No.

Number: 19N-33HZ

☐ 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): 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: \_\_\_\_\_

#### Land Use:

Current Land Use: NON-CROP LAND

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

Weather Condition: 90's and 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):

On the afternoon of August 6, 2019, approximately 5 barrels of produced water was released outside of containment at the BABCOCK 19N-33HZ location (Location ID: 330811). This release was caused by a mechanical failure on a hydro-vac truck. The majority of the liquid was recovered from the pad surface and cleanup activities are currently underway. Excavation activities will be summarized in a forthcoming Supplemental Form 19 Spill/Release Report. A Topographic Map showing the geographic setting of the release is provided as Figure 1.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
8/6/2019	County	Jason Maxey	-	Notified via Email
8/6/2019	County	Roy Rudisill	-	Notified via Email
8/7/2019	Private	Landowner	-	Notified via Phone

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

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

Was there a reportable accident associated with this E & P waste spill or release? Yes ☐ No ☒

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

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 08/14/2019		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	5	5	<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): 77 Width of Impact (feet): 5

Depth of Impact (feet BGS): 1 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

On the afternoon of August 6, 2019, approximately 5 barrels of produced water was released outside of containment at the BABCOCK 19N-33HZ tank battery, which is co-located at the Whitson tank battery (Location ID: 448812). On August 12, 2019, three soil samples were collected from the base of the excavation and submitted for laboratory analysis of TPH, BTEX, naphthalene, pH, EC, and SAR. Laboratory analytical results indicated that TPH, BTEX, naphthalene, pH, and EC concentrations and levels were in full compliance with COGCC Table 910-1 allowable levels at the extent of the excavation. Laboratory analytical results for SAR are pending and expected on August 19, 2019. Approximately 40 cubic yards of impacted soil were excavated and transported to the Kerr-McGee Landfarm in Platteville, Colorado for disposal. The general site layout, excavation area, and soil sample locations are depicted on the Excavation Site Map provided as Figure 2. The excavation soil sample analytical results are summarized in Table 1, and the laboratory analytical reports are attached.

Soil/Geology Description:

Depth to Groundwater (feet BGS)	<u>15</u>	Number Water Wells within 1/2 mile radius:				<u>4</u>
If less than 1 mile, distance in feet to nearest	Water Well	<u>1290</u>	None	<input type="checkbox"/>	Surface Water	<u>1930</u> None <input type="checkbox"/>
	Wetlands	<u>1660</u>	None	<input type="checkbox"/>	Springs	<u>          </u> None <input checked="" type="checkbox"/>
	Livestock	<u>2930</u>	None	<input type="checkbox"/>	Occupied Building	<u>900</u> None <input type="checkbox"/>

No further action is required. Laboratory analytical results for the soil samples indicate that TPH, BTEX, naphthalene, pH, and EC concentrations are compliant with COGCC Table 910-1 allowable levels at the extent of the excavation. Laboratory analytical results for SAR are pending and expected on August 19, 2019. SAR results will be summarized in an additional F19 Supplemental for final closure.

#1	Supplemental Report Date:	08/14/2019
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)		
On the afternoon of August 6, 2019, approximately 5 barrels of produced water was released outside of containment at the BABCOCK 19N-33HZ tank battery (Location ID: 330811). This release was caused by a mechanical failure on a hydro-vac truck.		
Describe measures taken to prevent the problem(s) from reoccurring:		
The mechanical failure on the hydro-vac truck was properly repaired.		
Volume of Soil Excavated (cubic yards): 40		
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): _____		
Volume of Impacted Surface Water Removed (bbls): _____		

**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: Greg Hamilton

Title: Senior Environmental Rep. Date: 08/14/2019 Email: Gregory.Hamilton@anadarko.com

<u>COA Type</u>	<u>Description</u>

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402142885	ANALYTICAL RESULTS
402144069	TOPOGRAPHIC MAP
402144073	SITE MAP
402144076	ANALYTICAL RESULTS

Total Attach: 4 Files

**General Comments**

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

Total: 0 comment(s)