

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402150981

Date Received:

08/26/2019

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	Phone Numbers Phone: (970) 515-1698 Mobile: () 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: 08/26/2019		
FLUIDS	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): 6

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, EC, and SAR concentrations and levels were in full compliance with COGCC Table 910-1 allowable levels at the extent of the excavation. 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, EC, and SAR concentrations are compliant with COGCC Table 910-1 allowable levels at the extent of the excavation; therefore, no additional excavation is necessary. Please consider this F19 Supplemental to be the final closure request for Spill/Release ID 466516.

#1	Supplemental Report Date:	08/26/2019
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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)

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)

☒ Offsite Disposal
 ☐ Onsite Treatment
 ☐ 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: 08/26/2019 Email: Gregory.Hamilton@anadarko.com

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402151010	ANALYTICAL RESULTS
402151013	TOPOGRAPHIC MAP
402151015	SITE MAP
402151017	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)