

State of Colorado
Oil and Gas Conservation Commission

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402142396
Date Received:
08/14/2019

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.

Spill report taken by:
GINTAUTAS, PETER
Spill/Release Point ID:
466516

OPERATOR INFORMATION

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

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		
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): _____

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:

Vona loamy sand.

Depth to Groundwater (feet BGS) 15

Number Water Wells within 1/2 mile radius: 4

If less than 1 mile, distance in feet to nearest

Water Well 1290 None

Surface Water 1930 None

Wetlands 1660 None

Springs _____ None

Livestock 2930 None

Occupied Building 900 None

Additional Spill Details Not Provided Above:

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.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/14/2019

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): _____

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: Greg Hamilton

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

COA Type

Description

Attachment Check List

Att Doc Num	Name
402142396	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402142885	ANALYTICAL RESULTS
402144069	TOPOGRAPHIC MAP
402144073	SITE MAP
402144076	ANALYTICAL RESULTS
402144793	FORM 19 SUBMITTED

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)