

State of Colorado Oil and Gas Conservation Commission

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Document Number:

401165391

Date Received:

12/16/2016

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

448622

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 GATHERING LLC	Operator No: 47121	Phone Numbers
Address: PO BOX 173779		Phone: (970) 336-3500
City: DENVER State: CO Zip: 80217		Mobile: (970) 515-1238
Contact Person: Sam LaRue		Email: Sam.LaRue@anadarko.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401163962

Initial Report Date: 12/08/2016 Date of Discovery: 12/08/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 11 TWP 2N RNG 66W MERIDIAN 6

Latitude: 40.147148 Longitude: -104.750531

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: GAS GATHERING SYSTEM

☐ Facility/Location ID No☒ 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): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

Estimated Other E&P Waste Spill Volume(bbl): >=5 and <100

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: E&P Fluids

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify):

Weather Condition: Sunny, ~ 20 degrees

Surface Owner: OTHER (SPECIFY)

Other(Specify): Kerr-McGee Gathering LLC

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 December 8, 2016, a release occurred due to an equipment malfunction at the Platte Valley Gas Plant. The incident resulted in the release of approximately 6 barrels of E&P fluids outside of containment within the facility boundary. The release was controlled and recovery efforts were initiated. A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. Site assessment activities are ongoing and will be summarized in a forthcoming Supplemental Form 19 Release Report.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
12/8/2016	County	Roy Rudisill	-email	
12/8/2016	County	Troy Swain	-email	
12/8/2016	County	Tom Parko	-email	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 12/16/2016		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	6	6	<input type="checkbox"/>

specify: E&P Fluids

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): 30 Width of Impact (feet): 30

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): 3

How was extent determined?

On December 8, 2016, a release occurred due to a blockage caused by freezing temperatures and the pre-mature failure of a pressure release valve at the Platte Valley Gas Plant. The release material consisted of 6 barrels of E&P fluids, including amine. Surface soil scraping activities have been initiated to remove visually impacted material. A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. Site assessment and impacted material removal activities are ongoing and will be summarized in a forthcoming Supplemental Form 19 Release Report.

Soil/Geology Description:

Roadbase

Depth to Groundwater (feet BGS) 4 Number Water Wells within 1/2 mile radius: 86

If less than 1 mile, distance in feet to nearest

Water Well	<u>480</u>	None <input 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>460</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	12/16/2016
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)		
<div>The release was caused by a blockage due to freezing temperatures and the pre-mature failure of a pressure release valve, which resulted in E&P fluids overflowing an impervious concrete containment.</div>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<div>Released fluids were contained inside the location and did not flow offsite. The release was controlled and recovery and cleanup efforts were initiated. A new pressure release valve was pressure tested and installed to replace the failed pressure release valve. Insulation and heat trace will be added to appropriate sections of exposed piping.</div>		
Volume of Soil Excavated (cubic yards): _____		
Disposition of Excavated Soil (attach documentation)		
<input 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): _____		

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: Sam LaRue

Title: Senior HSE Representative Date: 12/16/2016 Email: Sam.LaRue@anadarko.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401168060	TOPOGRAPHIC MAP
401168062	FORM 19 SUBMITTED

Total Attach: 2 Files

General Comments

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

Total: 0 comment(s)