

State of Colorado Oil and Gas Conservation Commission

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Document Number:

401642052

Date Received:

05/17/2018

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

454973

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

Address: P O BOX 173779

City: DENVER

State: CO

Zip: 80217-3779

Contact Person: Phil Hamlin

Phone Numbers

Phone: (970) 336-3500

Mobile: ()

Email: Phil.Hamlin@anadarko.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401634418

Initial Report Date: 05/09/2018

Date of Discovery: 05/07/2018

Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENE SEC 17 TWP 2N RNG 66W MERIDIAN 6

Latitude: 40.142150 Longitude: -104.796367

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: TANK BATTERY

☐ Facility/Location ID No

Spill/Release Point Name: Barte

☒ No Existing Facility or Location ID No.

Number: 21-17

☐ 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): >=5 and <100

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): 0

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify:

Land Use:

Current Land Use: OTHER

Other(Specify): Tank Battery Pad

Weather Condition: Sunny, 65°F

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):

An inspector discovered a release at the Bartz 21-17 tank battery. Approximately 10 barrels of oil were released within the tank battery containment berm, and approximately 1 to 2 gallons were observed as a surface staining north of the tank battery and as sheen on the surface water in the irrigation ditch north of the tank battery. The cause of the release is under investigation. Surface water samples were collected and submitted for BTEX analysis. Surface soil samples were submitted for BTEX, TPH, pH, and EC analysis. Assessment activities are ongoing and will be summarized in a supplemental report. The topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. The Site Map depicting the sample locations is attached as Figure 2. The laboratory analytical results for the soil and surface water samples are summarized in Table 1 and Table 2, respectively. The analytical report is attached.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

<u>Date</u>	<u>Agency/Party</u>	<u>Contact</u>	<u>Phone</u>	<u>Response</u>
5/7/2018	Weld County	Troy Swain	-	Notified via Phone
5/7/2018	CDPHE	CDPHE	-	Notified via Phone
5/7/2018	NRC	NRC	-	Notified via Phone
5/8/2018	Landowner	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: 05/17/2018		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	10		<input checked="" 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	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) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): _____		Width of Impact (feet): _____	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
Assessment activities are ongoing. Additional confirmation soil samples will be collected from the tank battery excavation and submitted for laboratory analysis of TPH, BTEX, pH, and EC. The analytical results and excavation details will be provided in a supplemental report.			
Soil/Geology Description:			
Vona Sandy Loam			

Depth to Groundwater (feet BGS) <u>13</u>		Number Water Wells within 1/2 mile radius: <u>18</u>			
If less than 1 mile, distance in feet to nearest	Water Well	<u>610</u>	None <input type="checkbox"/>	Surface Water	<u>55</u> None <input type="checkbox"/>
	Wetlands	<u>4900</u>	None <input type="checkbox"/>	Springs	<u> </u> None <input checked="" type="checkbox"/>
	Livestock	<u>750</u>	None <input type="checkbox"/>	Occupied Building	<u>560</u> None <input type="checkbox"/>

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	05/17/2018
<p>Cause of Spill (Check all that apply)</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <input type="checkbox"/> Human Error </div> <div style="width: 30%;"> <input checked="" type="checkbox"/> Equipment Failure </div> <div style="width: 30%;"> <input type="checkbox"/> Historical-Unknown </div> </div> <div style="margin-top: 10px;"> <input type="checkbox"/> Other (specify) _____ </div>		
<p>Describe Incident & Root Cause (include specific equipment and point of failure)</p> <div style="border: 1px solid black; padding: 10px; min-height: 100px; margin-top: 10px;"> <p>An inspector discovered a release at the Barteze 21-17 tank battery. Approximately 10 barrels of oil were released within the tank battery containment berm, and approximately 1 to 2 gallons were observed as a surface staining north of the tank battery and as sheen on the surface water in the irrigation ditch north of the tank battery.</p> </div>		
<p>Describe measures taken to prevent the problem(s) from reoccurring:</p> <div style="border: 1px solid black; padding: 10px; min-height: 100px; margin-top: 10px;"> <p>The cause of the release was a corrosion hole in an oil storage tank. All tanks at the battery have been inspected and will be replaced where appropriate.</p> </div>		
<p>Volume of Soil Excavated (cubic yards): _____</p>		
<p>Disposition of Excavated Soil (attach documentation)</p> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 10px;"> <div style="width: 30%;"> <input type="checkbox"/> Offsite Disposal </div> <div style="width: 30%;"> <input type="checkbox"/> Onsite Treatment </div> <div style="width: 30%;"> <input type="checkbox"/> Other (specify) _____ </div> </div>		
<p>Volume of Impacted Ground Water Removed (bbls): _____</p>		
<p>Volume of Impacted Surface Water Removed (bbls): _____</p>		

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: Phil Hamlin

Title: Senior HSE Representative Date: 05/17/2018 Email: Phil.Hamlin@anadarko.com

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401642178	TOPOGRAPHIC MAP

401642181	SITE MAP
401642182	ANALYTICAL RESULTS

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)