

State of Colorado Oil and Gas Conservation Commission

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Document Number:

401089844

Date Received:

08/08/2016

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

447087

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. 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
Address: P O BOX 173779		Phone: (970) 336-3500
City: DENVER State: CO Zip: 80217-3779		Mobile: (970) 515-1238
Contact Person: Sam LaRue		Email: Sam.LaRue@anadarko.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401086657

Initial Report Date: 08/01/2016 Date of Discovery: 07/29/2016 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESW SEC 21 TWP 2N RNG 65W MERIDIAN 6

Latitude: 40.117509 Longitude: -104.669137

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: TANK BATTERY

☐ 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? No

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): Unknown

Estimated Condensate Spill Volume(bbl): Unknown

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): Unknown

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: Sunny, 80's.

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 July 19, 2016, a corroded dumphine was encountered during plugging and abandonment activities at the Ernie F Adamson Gas Unit-62N65W /21SWSW production facility. The volume of released material is unknown. Site assessment and excavation 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
8/1/2016	County	Roy Rudisill	--Email	
7/29/2016	County	Tom Parko	--Email	
7/29/2016	County	Troy Swain	--Email	
7/30/2016	Land Owner	Private	--Phone	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 08/08/2016		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL			<input checked="" type="checkbox"/>
CONDENSATE			<input checked="" type="checkbox"/>
PRODUCED WATER			<input checked="" 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): 52 Width of Impact (feet): 37

Depth of Impact (feet BGS): 20 Depth of Impact (inches BGS): _____

How was extent determined?

On July 29, 2016, excavation activities commenced at the Ernie F Adamson Gas Unit-62N65W/21SWSW production facility following the discovery of hydrocarbon impacts associated with a corroded dumphine. Approximately 540 cubic yards of impacted material have been removed and transported to the Buffalo Ridge landfill in Keenesburg, Colorado. Excavation activities are being guided in the field by screening soil for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Between July 29 and August 4, 2016, 12 soil samples were collected from the final extent of the excavation sidewalls and the excavation base at depths ranging between 12 and 20 feet below ground surface (bgs). Soil samples were submitted to Origins Laboratory in Denver, Colorado for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) by USEPA Method 8260B, TPH - diesel range organics (DRO) and oil range organics (ORO) by USEPA Method 8015, electrical conductivity (EC) and pH. Analytical results indicated that constituent concentrations were below applicable COGCC Table 910-1 standards in all soil samples collected from the excavation sidewalls; however, benzene and TPH concentrations were in exceedance of applicable COGCC Table 910-1 standards in the soil sample collected from the base of the excavation at 20 feet bgs. Soil assessment activities will be continued and described in a subsequent Supplemental Form 19. Groundwater has not been encountered in the excavation.

Soil/Geology Description:

Silty sand to silty clay.

Number Water Wells within 1/2 mile radius: 13

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	08/08/2016
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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)

During plugging and abandonment activities, historical impacts were discovered surrounding a corroded dumphline.

Describe measures taken to prevent the problem(s) from reoccurring:

The tank battery is being abandoned and will not be rebuilt.

Volume of Soil Excavated (cubic yards):	540
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Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment
☐ Other (specify)

Volume of Impacted Ground Water Removed (bbbls): 0

Volume of Impacted Surface Water Removed (bbbs): 0

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: 08/08/2016 Email: Sam.LaRue@anadarko.com

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401090281	TOPOGRAPHIC MAP
401090287	SITE MAP
401090288	ANALYTICAL RESULTS
401090291	ANALYTICAL RESULTS
401090293	ANALYTICAL RESULTS
401090296	ANALYTICAL RESULTS
401090298	FORM 19 SUBMITTED

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)