

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

400783731

Date Received:

01/30/2015

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

440681

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: <u>KERR MCGEE OIL & GAS ONSHORE LP</u>	Operator No: <u>47120</u>	Phone Numbers
Address: <u>P O BOX 173779</u>		Phone: <u>(970) 336-3500</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(970) 515-1238</u>
Zip: <u>80217-3779</u>		Email: <u>Sam.LaRue@anadarko.com</u>
Contact Person: <u>Sam LaRue</u>		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400778945

Initial Report Date: 01/23/2015 Date of Discovery: 01/19/2015 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESE SEC 25 TWP 3N RNG 68W MERIDIAN 6Latitude: 40.193233 Longitude: -104.947821Municipality (if within municipal boundaries): _____ County: WELD

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 268478☐ 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? 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 <100Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: CROP LAND

Other(Specify): _____

Weather Condition: 40's, CloudySurface 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 January 19, 2015, a release was discovered at the Rademacher 9, 16-25A, 10, 15, 23, 37, 38, 39-25 production facility during a routine site inspection. Approximately 9 barrels of crude oil were released within the lined steel berm on site; no fluids were released outside of containment. Impacted material will be excavated and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado for disposal. After excavation activities are complete, confirmation soil samples will be collected from the final extent of the excavation area. Excavation activities are on-going at this location.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
1/20/2015	County	Tom Parko	--Email	
1/20/2015	County	Roy Rudisill	--Email	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 01/30/2015		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	9	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	0	0	<input type="checkbox"/>

specify: _____

Was spill/release completely contained within berms or secondary containment? YES 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): 15 Width of Impact (feet): 20

Depth of Impact (feet BGS): 6 Depth of Impact (inches BGS): _____

How was extent determined? _____

On January 19, 2015, a release was discovered at the Rademacher 9, 16-25A, 10, 15, 23, 37, 38, 39-25 production facility. Approximately 9 barrels of crude oil were released within the steel berm containment. Approximately 30 cubic yards of impacted material were removed and transported to Front Range Regional Landfill located in Erie, Colorado for disposal. Seven soil samples were collected from the final extent of the excavation, which consisted of a deeper (6 feet below ground surface [bgs]) and benched shallow (8 inches bgs) area. Soil samples were submitted to Origins Laboratory in Denver, Colorado for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and total petroleum hydrocarbons - gasoline range organics (TPH-GRO) using USEPA Method 8260B. In addition, samples were analyzed for total petroleum hydrocarbons - diesel range organics (TPH-DRO) and total petroleum hydrocarbons - oil range organics (TPH-ORO) using USEPA Method 8015. Analytical results indicated that constituent concentrations in the soil samples collected from the final extent of the excavation area were below applicable COGCC Table 910-1 standards. Based on the analytical results described herein, Kerr-McGee is requesting a No Further Action (NFA) determination for this location. Soil analytical results are summarized in Table 1 and soil sample locations are illustrated on Figure 2.

Soil/Geology Description:

Sand to silty sand.

Depth to Groundwater (feet BGS) 50 Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest Water Well 650 None ☐ Surface Water 260 None ☐

Wetlands _____ None ☒ Springs _____ None ☒

Livestock _____ None ☒Occupied Building 1200 None ☐

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS#1 Supplemental Report Date: 01/30/2015Cause 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 the installment of the bulk tank, the manufacturer installed a rubber stopper instead of a steel plug. The bulk tank was loaded with crude oil to commission the lease automatic custody transfer (LACT) unit. During the day, as the temperature rose, pressure built within the tank, eventually pushing out the rubber stopper and causing a release of crude oil.

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

A steel plug was installed in the bulk tank.

Volume of Soil Excavated (cubic yards): 30Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment
☐ Other (specify) _____Volume of Impacted Ground Water Removed (bbls): 0Volume of Impacted Surface Water Removed (bbls): 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: _____

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: Sam LaRueTitle: Senior HSE Representative Date: 01/30/2015 Email: Sam.LaRue@anadarko.com**COA Type****Description**

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Attachment Check List**Att Doc Num****Name**

400783731	FORM 19 SUBMITTED
400783830	TOPOGRAPHIC MAP
400783896	ANALYTICAL RESULTS
400784280	SITE MAP

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)