

State of Colorado Oil and Gas Conservation Commission

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Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400649221

Date Received:

07/25/2014

Spill report taken by:

Spill/Release Point ID:

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	Mobile: (970) 515-1161
Zip: 80217-3779		Email: phil.hamlin@anadarko.com
Contact Person: Phil Hamlin		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400646026

Initial Report Date: 07/17/2014 Date of Discovery: 07/16/2014 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESE SEC 29 TWP 3N RNG 67W MERIDIAN 6

Latitude: 40.189838 Longitude: -104.904904

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 329576
☐ 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): 0

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: CROP LAND

Other(Specify):

Weather Condition: 90's, Partly cloudy

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):

A dump line release was discovered during the replacement of the produced water sump at the Warren 29-9L & 29-16L production facility. Excavation of impacted material commenced on July 15, 2014, and approximately 240 cubic yards of impacted material was removed and transported to Buffalo Ridge Landfill in Keenesburg, Colorado for disposal. Soil samples were collected from the sidewalls and the base of the excavation area at 10 feet and 19 feet below ground surface (bgs), respectively. Soil samples were submitted to eAnalytics Laboratory for the analysis of BTEX and TPH. Analytical results returned on July 16, 2014 indicate constituent concentrations in the soil sample collected from the base (B01) of the excavation are in exceedance of applicable COGCC Table 910-1 standards. Additional excavation will not be completed due to unstable soils. Consequently, this release is reportable as impacted soil will be left in place for subsequent in situ remediation.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
7/17/2014	County	Roy Rudisill	-email	
7/17/2014	County	Tom Parko	-email	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 07/24/2014		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL			<input checked="" type="checkbox"/>
CONDENSATE	0	0	<input 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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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): 15		Width of Impact (feet): 15	
Depth of Impact (feet BGS): 19		Depth of Impact (inches BGS): 0	
How was extent determined?			
A dump line release was discovered on July 16, 2014, during the replacement of a produced water sump at the Warren 29-9L & 29-16L production facility. Excavation activities were conducted between July 15 and 16, 2014. Approximately 290 cubic yards of impacted soil was removed and transported to Buffalo Ridge Landfill in Keenesburg, Colorado for disposal. The lateral extent of the excavation was determined in the field through the use of a photoionization detector (PID) to measure volatile organic compound (VOC) concentrations, and through the collection and analysis of soil samples as described in the Initial Form 19. The excavation was subsequently backfilled and re-contoured to match pre-existing conditions; impacted soil was left in place to be addressed by future in-situ remediation.			
Soil/Geology Description:			
Coarse sand, gravel/river rock			
Depth to Groundwater (feet BGS) 19		Number Water Wells within 1/2 mile radius: 17	
If less than 1 mile, distance in feet to nearest		Water Well 742	None <input type="checkbox"/>
		Wetlands	None <input checked="" type="checkbox"/>
		Livestock	None <input checked="" type="checkbox"/>
		Surface Water 105	None <input type="checkbox"/>
		Springs	None <input checked="" type="checkbox"/>
		Occupied Building 850	None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	07/24/2014
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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)

A release from corroded produced water and oil dump lines was discovered during the replacement of a produced water sump.

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

The battery was rebuilt with a geosynthetic liner, poly drain lines, and a double wall fiberglass produced water tank.

Volume of Soil Excavated (cubic yards): 290

Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment
☐ Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): 0

Volume 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: Phil Hamlin
Title: Senior HSE Representative Date: 07/25/2014 Email: phil.hamlin@anadarko.com

Attachment Check List

Att Doc Num	Name
400649573	FORM 19 SUBMITTED
400649679	TOPOGRAPHIC MAP
400649905	ANALYTICAL RESULTS
400649906	SITE MAP

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)