

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

400623311

Date Received:

06/10/2014

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

437645

SPILL/RELEASE REPORT (INITIAL /w 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>(720) 929-6368</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(720) 929-7368</u>
Zip: <u>80217-3779</u>		Email: <u>Mike.Dinkel@anadarko.com</u>
Contact Person: <u>Mike Dinkel</u>		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400623311

Initial Report Date: 06/09/2014 Date of Discovery: 06/08/2014 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSW SEC 35 TWP 2N RNG 66W MERIDIAN 6Latitude: 40.093918 Longitude: -104.750586Municipality (if within municipal boundaries): _____ County: WELD

Reference Location:

Facility Type: WELL ☐ Facility/Location ID No _____
☐ No Existing Facility or Location ID No.
☒ Well API No. (Only if the reference facility is well) 05-123-38288

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? No
A spill/release is considered to be outside of secondary containment if groundwater has been impacted.

Were Five (5) barrels or more spilled? Yes

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

Estimated Oil Spill Volume(bbl): >=1 and <5Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=1 and <5Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0Specify: 1 bbl of crude oil, 3 bbls of produced water, and 16 bbls of fresh water were released.

Land Use:

Current Land Use: OTHER Other(Specify): RangelandWeather Condition: 81 degrees, 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):

During completion operations, the butterfly valve used to isolate the fresh water pump down tanks was leaking, which allowed fresh water to flow into the flowback tank. The flowback tank overflowed, releasing approximately 20 bbls of fluid (16 bbls of fresh water, 1 bbl of crude oil, and 3 bbls of recycled, treated produced water) into poly lined secondary containment. A vacuum truck was used to recover the 20 bbls of released fluid from above the poly liner and return it to the flowback tank. A topographic Site Location Map showing the general location of the release is attached as Figure 1.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/9/2014	Weld County OEM	Roy Rudisill	-	Notified via email
6/9/2014	Weld County Public Works	Tom Parko	-	Notified via email

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 06/09/2014		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	1	1	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	3	3	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	16	16	<input type="checkbox"/>

specify: 1 bbl of crude oil, 3 bbls of produced water, and 16 bbls of fresh water were released.

Was spill/release completely contained within berms or secondary containment? YES Was an Emergency Pit constructed? NO

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): 20 Width of Impact (feet): 45

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

How was extent determined?

The 20 bbls of released fluid were recovered from above the poly liner and returned to the flowback tank. The released fluids were fully contained by the poly liner and all of the released fluids were recovered.

Soil/Geology Description:

Not applicable.

Depth to Groundwater (feet BGS) 10 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well 2875 None ☐ Surface Water 4700 None ☐

Wetlands _____ None ☒ Springs _____ None ☒

Livestock _____ None ☒ Occupied Building 3180 None ☐

Additional Spill Details Not Provided Above:

No further action is required at this site. The release occurred entirely within lined containment. The released fluids were recovered from above the poly liner; therefore, no excavation or confirmation soil sampling was necessary. Kerr-McGee is requesting a No Further Action status for this site.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/09/2014

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 completion operations, the butterfly valve used to isolate the pump down tanks was leaking, which allowed fresh water to flow into the flowback tank. The flowback tank overflowed, releasing approximately 16 bbls of fresh water, 1 bbl of crude oil, and 3 bbls of recycled, treated produced water into poly lined secondary containment.

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

The leaking butterfly valve was replaced and a back up valve was installed.

Volume of Soil Excavated (cubic yards): 0

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment
☒ Other (specify) Not applicable

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: Mike Dinkel
Title: Sr. HSE Representative Date: 06/10/2014 Email: Mike.Dinkel@anadarko.com

COA Type	Description
	Upon review of available information, no further action is required at this time. However, further action may be required if the COGCC learns of changing or different circumstances at the subject location.

Attachment Check List

Att Doc Num	Name
400623311	FORM 19 SUBMITTED
400623594	TOPOGRAPHIC MAP

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)