

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

400625645

Date Received:

06/13/2014

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

437691

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 Phone: <u>(720) 929-6368</u> Mobile: <u>(720) 929-7368</u> Email: <u>Mike.Dinkel@anadarko.com</u>
Address: <u>P O BOX 173779</u>		
City: <u>DENVER</u>	State: <u>CO</u> Zip: <u>80217-3779</u>	
Contact Person: <u>Mike Dinkel</u>		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400625645

Initial Report Date: 06/12/2014 Date of Discovery: 06/12/2014 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENE SEC 25 TWP 3N RNG 68W MERIDIAN 6

Latitude: 40.198881 Longitude: -104.944148

Municipality (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) 05-123-39187

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): <u>0</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>0</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>>=100</u>

Specify: Approximately 200 bbls of water-based drilling fluid were released within the well pad berms

Land Use:

Current Land Use: CROP LAND Other(Specify): _____
 Weather Condition: 75 degrees, 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):

During drilling operations, an open valve on a drilling fluid storage tank allowed the drilling fluid to inadvertently transfer to another tank and cause it to overflow. Approximately 200 bbls of water-based drilling fluid were released onto the ground surface of the bermed well pad. A hydro-vac truck was used to recover approximately 175 bbls of the released water-based drilling fluid and return it to the active mud system. Confirmation soil samples will be collected from the release area or excavation (as applicable) and the analytical results and excavation details will be provided in a supplemental report. 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
6/12/2014	Weld County OEM	Roy Rudisill	970-356-4000	
6/12/2014	Weld County Public Works	Tom Parko	970-397-6288	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 06/13/2014		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<input type="checkbox"/>
DRILLING FLUID	200	175	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0	0	<input type="checkbox"/>

specify: Approximately 200 bbls of water-based drilling fluid were released within the well pad berms

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

A spill/release is considered to be outside of secondary containment if groundwater has been impacted.

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): 60 Width of Impact (feet): 50

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

How was extent determined?

Confirmation soil samples will be collected from the release area or excavation (as applicable) once drilling activities have been completed at the site and the release area can be accessed. The analytical results and excavation details will be provided in a supplemental report.

Soil/Geology Description:

Sand and Gravel/Roadbase

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	<u>2900</u>	None <input type="checkbox"/>	Surface Water	<u>1000</u>	None <input type="checkbox"/>
Wetlands	<u>1000</u>	None <input type="checkbox"/>	Springs	<u> </u>	None <input checked="" type="checkbox"/>
Livestock	<u> </u>	None <input checked="" type="checkbox"/>	Occupied Building	<u>635</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/13/2014

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 drilling operations, an open valve on a drilling fluid storage tank allowed the drilling fluid to inadvertently transfer to another tank and cause it to overflow. Approximately 200 bbls of water-based drilling fluid were released onto the ground surface of the bermed well pad.

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

Locks will be installed on valve handles to prevent them from being unknowingly opened.

Volume of Soil Excavated (cubic yards): 0

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: Mike Dinkel

Title: Senior HSE Representative Date: 06/13/2014 Email: Mike.Dinkel@anadarko.com

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400625645	FORM 19 SUBMITTED
400625646	TOPOGRAPHIC MAP

Total Attach: 2 Files

General Comments

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

Total: 0 comment(s)