

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400707259

Date Received:

10/23/2014

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

437691

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 Phone: (720) 929-6368 Mobile: (785) 691-7788 Email: Mike.Dinkel@anadarko.com
Address: P O BOX 173779		
City: DENVER	State: CO Zip: 80217-3779	
Contact Person: Mike Dinkel		

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

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): 0 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): 0

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): >=100

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: 10/14/2014		
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

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): 60 Width of Impact (feet): 48

Depth of Impact (feet BGS): Depth of Impact (inches BGS): 3

How was extent determined?

Soil samples were collected from the excavation for laboratory analysis. Laboratory analytical results for the soil samples indicate that TPH, BTEX, pH, EC, and SAR concentrations are in compliance with COGCC allowable levels at the extent of the excavation. Approximately 30 cubic yards of impacted soil were removed from the excavation and transported to Waste Connections Landfill in Erie, Colorado for disposal. The general site layout, excavation dimensions, and soil sample locations are shown on the Site Map attached as Figure 2. The soil sample analytical results are summarized in Table 1 and the laboratory analytical reports are attached.

Soil/Geology Description:

Silty clay, 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:

No further remediation is required. Laboratory analytical results for the confirmation soil samples indicate that TPH, BTEX, pH, EC, and SAR levels are in compliance with COGCC allowable levels at the extent of the excavation. Based on the soil sample analytical results, Kerr-McGee is requesting a NFA status for this site.

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 10/14/2014
Cause of Spill (Check all that apply) <input checked="" type="checkbox"/> Human Error <input type="checkbox"/> Equipment Failure <input type="checkbox"/> Historical-Unknown <input type="checkbox"/> 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): 30	
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment <input type="checkbox"/> 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: Sr. HSE Representative Date: 10/23/2014 Email: Mike.Dinkel@anadarko.com

Attachment Check List

Att Doc Num	Name
400707273	ANALYTICAL RESULTS
400707440	ANALYTICAL RESULTS
400714499	TOPOGRAPHIC MAP
400714502	AERIAL PHOTOGRAPH

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)