

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

400894369

Date Received:

09/15/2015

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

442969

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> Zip: <u>80217-3779</u>		Mobile: <u>(970) 515-1238</u>
Contact Person: <u>Sam LaRue</u>		Email: <u>Sam.LaRue@Anadarko.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400887809

Initial Report Date: 08/20/2015 Date of Discovery: 08/19/2015 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENW SEC 13 TWP 2N RNG 65W MERIDIAN 6

Latitude: 40.140340 Longitude: -104.614700

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) 05-123-32949

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? Yes

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

Estimated Oil Spill Volume(bbl): 0 Estimated Condensate Spill Volume(bbl): >=5 and <100

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=100

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

Specify: Approximately 5 bbls of condensate and 110 bbls of produced water were released.

Land Use:

Current Land Use: CROP LAND Other(Specify): _____

Weather Condition: 85 Degrees F, Sunny

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 release from the UPRR X13-06 wellhead occurred when a tractor and implement struck and compromised the wellhead. Approximately 5 bbls of condensate and 110 bbls of produced water were released onto the ground surface. Excavation activities are ongoing at the site. Confirmation soil samples will be collected from the excavation and will be submitted for laboratory analysis of TPH, BTEX, pH, EC, and SAR (if applicable). The analytical results and excavation details will be provided in a supplemental report. A topographic Site Location Map depicting 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
8/19/2015	Landowner	Landowner	-Verbally	
8/19/2015	Weld County	Roy Rudisil	-Phone	
8/21/2015	Weld County	Troy Swain	-Phone	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:			
	09/15/2015			
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	5		<input checked="" type="checkbox"/>	
PRODUCED WATER	110		<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? NO 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): 640 Width of Impact (feet): 295

Depth of Impact (feet BGS): 5 Depth of Impact (inches BGS): _____

How was extent determined?

On August 26, 2015, forty-four (44) confirmation grid surface soil samples were collected from the spray release area (depicted on Figure 2) and submitted for laboratory analysis of TPH, BTEX, pH, and EC. Laboratory analytical results indicated that the TPH, BTEX, pH, and EC concentrations in all confirmation surface soil samples were less than or within the COGCC Table 910-1 allowable levels. On September 1, 2015, following the removal of impacted soil around the wellhead, six confirmation sidewall soil samples (N01@1', N02@1', E01@1', W01@1', S01@3', and S02@3') and two confirmation base soil samples (B01@5', B02@2') were collected from the excavation and submitted for laboratory analysis. In addition, six confirmation soil samples (SS6C@2", SS7C@2", SS7D@2", SS8C@2", SS8D@2", and SS9B@2") were collected from the shallow scraped area surrounding the excavation and were submitted for laboratory analysis. Laboratory analytical results indicated that the TPH, BTEX, pH, and EC concentrations were less than or within the COGCC Table 910-1 allowable levels at the extent of the excavation and shallow scraped area. Approximately 210 cubic yards of soil was excavated and transported to the Kerr McGee land treatment facility in Weld County, Colorado, and approximately 180 cubic yards of soil was excavated and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado, for disposal. The general site layout, release location, spray release area, excavation and scraped area dimensions, and soil sample locations are depicted on the Excavation 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:

Fine grain sand, trace clay.

Depth to Groundwater (feet BGS) 7 Number Water Wells within 1/2 mile radius: 12
 If less than 1 mile, distance in feet to nearest Water Well 390 None Surface Water 500 None
 Wetlands 500 None Springs None
 Livestock 680 None Occupied Building 560 None

Additional Spill Details Not Provided Above:

No further action is required. Laboratory analytical results for the confirmation soil samples indicated that TPH, BTEX, pH, and EC concentrations were in compliance with COGCC Table 910-1 allowable levels at the extent of the release area. Based on the confirmation soil sample analytical results, Kerr-McGee is requesting an NFA status for this site.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/15/2015

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 the UPRR X13-06 wellhead occurred when a tractor and implement struck and compromised the wellhead. Approximately 5 bbls of condensate and 110 bbls of produced water were released onto the ground surface.

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

The wellhead will be repaired and protective fencing will be reinstalled.

Volume of Soil Excavated (cubic yards): 390

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: _____

OPERATOR COMMENTS:

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

Signed: _____ Print Name: Sam LaRue
 Title: Sr. HSE Representative Date: 09/15/2015 Email: Sam.LaRue@Anadarko.com

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400894378	TOPOGRAPHIC MAP
400894406	ANALYTICAL RESULTS
400894441	ANALYTICAL RESULTS
400897900	SITE MAP

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Data submitted and actions already taken indicate that no further actions are required at this time.	9/15/2015 3:02:47 PM

Total: 1 comment(s)