

State of Colorado Oil and Gas Conservation Commission

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Document Number:

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Date Received:

04/27/2015

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

441557

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

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400826939

Initial Report Date: 04/17/2015 Date of Discovery: 04/17/2015 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENW SEC 5 TWP 3N RNG 66W MERIDIAN 6

Latitude: 40.254158 Longitude: -104.801788

Municipality (if within municipal boundaries): _____ County: WELD

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 336632
☐ 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? 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? No

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

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

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: Historical Release - Volume of the release is unknown.

Land Use:

Current Land Use: OTHER Other(Specify): Tank Battery

Weather Condition: Cloudy and Rain, 35 degrees F

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):

Soil with historical petroleum hydrocarbon impacts was encountered beneath the water sump while deconstructing the UPRC Federal 5 -3K, 5-4K, 5-5K, 5-6K tank battery. There was no indication that the dumlins or water tank were leaking. The volume of the release is unknown. The petroleum hydrocarbon impacted soil is being excavated. Groundwater was encountered in the excavation at approximately 5 feet bgs. Laboratory analytical results received on April 17, 2015 confirmed benzene impacts to groundwater above the CGWQS at a concentration of 5.2 µg/L. The groundwater analytical results are summarized in Table 1. Additional soil and groundwater samples will be collected from the excavation. 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
4/17/2015	County/Municipality	Tom Parko	-Email	
4/17/2015	County/Municipality	Roy Rudisill	-Email	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 04/27/2015		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE			<input checked="" 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? 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): _____ Width of Impact (feet): _____

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

How was extent determined? _____

Excavation activities are ongoing at the site. Confirmation soil samples will be collected from the excavation sidewalls and will be submitted for laboratory analysis of TPH, BTEX, pH, EC, and SAR (if applicable). An additional excavation groundwater sample will be collected following removal of impacted groundwater. The analytical results and excavation details will be provided in a supplemental report.

Soil/Geology Description:

Gravel, Sand, and Clay.

Depth to Groundwater (feet BGS) 5 Number Water Wells within 1/2 mile radius: 9

If less than 1 mile, distance in feet to nearest

Water Well	<u>230</u>	None <input type="checkbox"/>	Surface Water	<u>200</u>	None <input type="checkbox"/>
Wetlands	<u>4700</u>	None <input type="checkbox"/>	Springs		None <input checked="" type="checkbox"/>
Livestock	<u>3000</u>	None <input type="checkbox"/>	Occupied Building	<u>2380</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 04/27/2015
Cause of Spill (Check all that apply) <input type="checkbox"/> Human Error <input type="checkbox"/> Equipment Failure <input checked="" type="checkbox"/> Historical-Unknown	
<input type="checkbox"/> Other (specify) _____	
Describe Incident & Root Cause (include specific equipment and point of failure)	
Soil with historical petroleum hydrocarbon impacts was encountered beneath the water sump while deconstructing the UPRC-63N66W /5SENW tank battery. There was no indication that the dumlplines or water tank were leaking. The volume of the release is unknown.	
Describe measures taken to prevent the problem(s) from reoccurring:	
The Kerr-McGee facility will be deconstructed.	
Volume of Soil Excavated (cubic yards): _____	
Disposition of Excavated Soil (attach documentation) <input type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment	
<input type="checkbox"/> Other (specify) _____	
Volume of Impacted Ground Water Removed (bbls): _____	
Volume of Impacted Surface Water Removed (bbls): _____	

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: Sam LaRue

Title: Senior HSE Representative Date: 04/27/2015 Email: Sam.LaRue@anadarko.com

Attachment Check List

Att Doc Num	Name
400830878	OTHER
400830879	TOPOGRAPHIC MAP
400830880	ANALYTICAL RESULTS

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)