

State of Colorado Oil and Gas Conservation Commission

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Document Number:

400605652

Date Received:

05/12/2014

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

437084

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>	OGCC Operator No: <u>47120</u>	Phone Numbers
Address: <u>P O BOX 173779</u>		Phone: <u>(970) 5151161</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(720) 9297726</u>
Zip: <u>80217-3779</u>		Email: <u>phil.hamlin@anadarko.com</u>
Contact Person: <u>Phillip Hamlin</u>		

INITIAL SPILL/RELEASE REPORT

Initial Report Date: 05/02/2014 Date of Discovery: 05/02/2014 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 27 TWP 1N RNG 67W MERIDIAN 6

Latitude: 40.017826 Longitude: -104.870207

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

Reference Location:

Facility Type: TANK BATTERY ☐ Well API No. (if the reference facility is well) 05- -

☒ Facility ID (if not a well) 265272

☐ No Existing Facility ID

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

Was one (1) barrel or more spilled outside of berms or secondary containment? No

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: _____

Land Use:

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

Weather Condition: Windy, 60 degrees

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 ☐

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

During tank battery reconstruction, historical impacts were observed in the vicinity of the dump lines. The separator has been removed and all of the dump lines have been flushed and removed. A subsurface assessment will be completed to define the extent and magnitude of the impacts.

COGCC Comment Only:

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/2/2014	Weld County	Roy Rudisill	-email	
5/2/2014	Weld County	Tom Parko	-email	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 05/09/2014		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE		0	<input checked="" type="checkbox"/>
PRODUCED WATER		0	<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? <u>YES</u> Was an Emergency Pit constructed? <u>NO</u>			
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) <input checked="" type="checkbox"/> Soil <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): 55		Width of Impact (feet): 15	
Depth of Impact (feet BGS): 7		Depth of Impact (inches BGS): _____	
How was extent determined?			
Soil samples were collected from the sidewalls at the final extent of the excavation at approximately 5 feet below ground surface (bgs) and one base sample was collected from approximately 7 feet bgs. Soil samples were submitted to eAnalytics Laboratory in Loveland, Colorado for laboratory analysis of BTEX and TPH. Laboratory results from the confirmation sidewall samples indicate concentrations are below the applicable COGCC Table 910-1 standards. On May 1, 2014 water was encountered in the excavation at approximately 4 feet bgs. One water sample (GW01) was collected for laboratory analysis of BTEX. Analytical results for sample GW01 indicate benzene concentrations exceed the Colorado Groundwater Quality Standards (CGWQS) at 311 ug/L. A summary of soil sample analytical data is presented in Table 1, and groundwater sample analytical data is presented in Table 2. Water and soil sample locations and the final excavation extent are depicted on Figure 2.			

Soil/Geology Description:

Brown to dark brown, lean clay with sand

Depth to Groundwater (feet BGS) 4

Number Water Wells within 1/2 mile radius: 4

If less than 1 mile, distance in feet to nearest

Water Well 350 None ☐

Surface Water None ☒

Wetlands None ☒

Springs None ☒

Livestock None ☒

Occupied Building 300 None ☐

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 05/09/2014

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)

On May 2, 2013, during tank battery reconstruction, historical impacts were identified in the vicinity of the dump lines near the separators. There was no indication that the dump lines or separators were leaking and all associated fittings were tight.

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

The tank battery will be rebuilt in a new location with a geosynthetic liner, poly drain line, and a double walled fiber glass water tank.

Volume of Soil Excavated (cubic yards): 20

Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment

☐ Other (specify)

Volume of Impacted Ground Water Removed (bbls): 50

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 Number:

COGCC Comment:

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

Signed: Print Name: Phillip Hamlin

Title: Senior HSE Representative Date: 05/12/2014 Email: phil.hamlin@anadarko.com

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400605652	FORM 19 SUBMITTED
400605695	ANALYTICAL RESULTS
400605696	ANALYTICAL RESULTS
400605939	SITE MAP
400605940	TOPOGRAPHIC MAP

Total Attach: 5 Files