

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400685530

Date Received:

09/11/2014

Spill report taken by:

Spill/Release Point ID:

## 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	<b>Phone Numbers</b>
Address: P O BOX 173779		Phone: (970) 336-3500
City: DENVER State: CO Zip: 80217-3779		Mobile: (970) 515-1161
Contact Person: Phil Hamlin		Email: phil.hamlin@anadarko.com

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400679905

Initial Report Date: 09/05/2014 Date of Discovery: 09/03/2014 Spill Type: Historical Release

#### Spill/Release Point Location:

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

Latitude: 40.198758 Longitude: -104.946613

Municipality (if within municipal boundaries): County: WELD

#### Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 336185  
☐ 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? 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? 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: OTHER Other(Specify):

Weather Condition: 90's, 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):

On Sept 3, 2014, a historical release was discovered during tank battery decommissioning activities at the Wagner 2, 8, 21, 22-25 production facility. The tanks and lines were flushed, cleaned, and removed. Approx 520 cubic yards of impacted soil were excavated and transported to the Kerr-McGee Landfarm for treatment. 8 soil samples were collected from the final extent of the excavation and submitted to eAnalytics Laboratory in Loveland, CO for laboratory analysis of BTEX and TPH. Laboratory analytical results, received on September 4, 2014, indicate constituent concentrations in the 8 soil samples are below the applicable COGCC Table 910-1 standards. Due to the size of the historically impacted area, this release was reported to the state. Based on the excavation activities and analytical sample results, no further action is required at this site. A soil table and analytical report are attached. An excavation and sample location figure will be presented in the Supplemental Form 19.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
9/3/2014	County	Roy Rudisill	--email	
9/3/2014	County	Tom Parko	--email	

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 09/11/2014		
<b>FLUIDS</b>	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): 55 Width of Impact (feet): 10

Depth of Impact (feet BGS): 12 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

A historical release was discovered below the dump lines at the Wagner 2, 8, 21, 22-25 production facility. Approximately 520 cubic yards of impacted soil were removed and transported to the Kerr-McGee land treatment facility in Weld County, Colorado. The vertical and lateral extent of the excavation was determined by using a photoionization detector (PID) to field screen volatile organic compound (VOC) concentrations in soil. On August 3, 2014, eight soil samples were collected from the sidewalls and base of the final excavation extent at depths ranging between 7 feet and 12 feet bgs. Soil samples were submitted to eAnalytics Laboratory in Loveland, Colorado for analysis of BTEX and TPH using EPA Methods 8260B and 8015. Analytical results indicate constituent concentrations are below the applicable COGCC Table 910-1 soil standards in the eight soil sample locations. Based on the soil analytical data described herein, Kerr-McGee is requesting a No Further Action (NFA) determination for this site.

Soil/Geology Description:

Silty sand with clay

Depth to Groundwater (feet BGS) 489 Number Water Wells within 1/2 mile radius: 12

If less than 1 mile, distance in feet to nearest

Water Well	<u>2644</u>	None <input type="checkbox"/>	Surface Water	<u>2870</u>	None <input type="checkbox"/>
Wetlands		None <input checked="" type="checkbox"/>	Springs		None <input checked="" type="checkbox"/>
Livestock		None <input checked="" type="checkbox"/>	Occupied Building	<u>1265</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/11/2014

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)

There was no indication that the dump lines, water tank or fittings were leaking. The release was historical, consequently the release volume is unknown.

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

The production facility was rebuilt in a new location with a geosynthetic liner, poly drain line and a double wall fiberglass water tank.

Volume of Soil Excavated (cubic yards): 520

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: Phil Hamlin

Title: Senior HSE Representative Date: 09/11/2014 Email: phil.hamlin@anadarko.com

## Attachment Check List

Att Doc Num	Name
400685535	FORM 19 SUBMITTED
400685544	TOPOGRAPHIC MAP
400685799	ANALYTICAL RESULTS
400685885	SITE MAP

Total Attach: 4 Files

## General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)