

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

400898383

Date Received:

09/11/2015

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

443143

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# 400895730

Initial Report Date: 09/04/2015 Date of Discovery: 09/02/2015 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSW SEC 3 TWP 3N RNG 67W MERIDIAN 6

Latitude: 40.251580 Longitude: -104.881540

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) 05-123-10111

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): Unknown

Estimated Condensate Spill Volume(bbl): 0

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: NON-CROP LAND

Other(Specify): _____

Weather Condition: 80'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 September 1, 2015, surficial staining was discovered around the St. Vrain Association #1 wellhead during a routine inspection. Approximately 20 cubic yards of impacted material were excavated and transported to the Kerr-McGee Land Treatment Facility in Weld County, Colorado for disposal. Groundwater was encountered within the excavation area at approximately 4 feet below ground surface (bgs). A groundwater sample (GW01) was subsequently collected from the excavation and submitted to Origins Laboratory in Denver, Colorado for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) by USEPA Method 8260C. Analytical results received on September 2, 2015, indicated that the benzene concentration in groundwater sample GW01 was above the applicable COGCC Table 910-1 standard. Excavation activities are on-going at this location.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/2/2015	County	Troy Swain	--Email	
9/2/2015	County	Roy Rudisill	--Email	
9/3/2015	Private	Land Owner	--Phone	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 09/11/2015		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL			<input checked="" type="checkbox"/>
CONDENSATE	0	0	<input 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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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): 28		Width of Impact (feet): 18	
Depth of Impact (feet BGS): 4		Depth of Impact (inches BGS): _____	
How was extent determined?			
<p>On September 1, 2015, surficial staining was discovered around the St. Vrain Association #1 wellhead during routine maintenance. Approximately 80 cubic yards of impacted material were excavated and transported to the Kerr-McGee Land Treatment Facility in Weld County, Colorado for disposal. Excavation activities were guided by field screening soil samples for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Four (4) soil samples were collected from the sidewalls of the final extent of the excavation area at approximately 3 feet below ground surface (bgs). The soil samples were submitted to Origins Laboratory in Denver, Colorado for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) by USEPA Method 8260C, TPH - diesel and oil range organics (DRO and ORO) by USEPA Method 8015, electrical conductivity (EC), and pH. Analytical results indicated that constituent concentrations were below the applicable COGCC Table 910-1 standards in soil samples collected from the final extent of the excavation. Groundwater was encountered within the excavation at approximately 4 feet bgs. A groundwater sample (GW01) was collected from the excavation and submitted for laboratory analysis of BTEX by USEPA Method 8260C. Analytical results received on September 2, 2015, indicated that the benzene concentration in groundwater sample GW01 was above the applicable COGCC Table 910-1 groundwater standard. Prior to backfilling the excavation area, approximately 110 pounds of activated carbon were introduced to the groundwater table to mitigate remaining aqueous phase hydrocarbon impacts. Soil and groundwater results are summarized in Table 1 and Table 2, respectively, and sample locations are illustrated in Figure 2.</p>			
Soil/Geology Description:			
Sandy clay.			

<u>Att Doc Num</u>	<u>Name</u>
400898387	TOPOGRAPHIC MAP
400898388	FORM 19 SUBMITTED
400898475	SITE MAP
400898851	ANALYTICAL RESULTS

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)