

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400908441

Date Received:

10/01/2015

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

443445

SPILL/RELEASE REPORT (INITIAL /w 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 GATHERING LLC</u>	Operator No: <u>47121</u>	Phone Numbers
Address: <u>PO BOX 173779</u>		Phone: <u>(970) 336-3500</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217</u>		Mobile: <u>()</u>
Contact Person: <u>Charles Chase</u>		Email: <u>charles.chase@anadar ko.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400908441

Initial Report Date: 09/30/2015 Date of Discovery: 09/29/2015 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 11 TWP 4S RNG 63W MERIDIAN 6

Latitude: 39.709735 Longitude: -104.396589

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

Reference Location:

Facility Type: PIPELINE Facility/Location ID No _____
 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): 0

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: 70s, 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 due to internal corrosion of the pipeline was discovered at the 38-0000-5854-4" Pipeline. Approximately 140 cubic yards of impacted material were excavated and transported to the Tower Landfill in Commerce City, Colorado for disposal. Additional excavation details are provided in the Spill/Release Detail Report of this form.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/30/2015	County	Diane Kocis	-Email	

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 10/01/2015

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE			<input checked="" type="checkbox"/>
PRODUCED WATER	0	0	<input 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): 37 Width of Impact (feet): 22

Depth of Impact (feet BGS): 20 Depth of Impact (inches BGS): _____

How was extent determined?

Following the discovery of the release, excavation activities were initiated. Approximately 140 cubic yards of impacted material were removed and transported to the Tower Landfill in Commerce City, Colorado for disposal. Excavation activities were guided by field screening soil for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Eight soil samples were collected from the sidewalls and base of the excavation at approximately 19 feet and 20 feet below ground surface (bgs), respectively. 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 8260, and TPH – diesel range organics and oil range organics (DRO and ORO) by USEPA Method 8015. Analytical results indicated benzene and TPH concentrations were in exceedance of applicable COGCC Table 910-1 standards in one soil sample (B02 @ 20) collected from the base of the excavation area. Constituent concentrations were below regulatory standards in the remaining seven sample locations. Soil analytical data is summarized in Table 1 and illustrated on Figure 2. Due to the excavation depth and risk of sidewall collapse, excavation activities were discontinued. A remediation strategy to address remaining hydrocarbon impacts in soil will be provided in a subsequent Form 27.

Soil/Geology Description:

Clayey sand

Depth to Groundwater (feet BGS) 390

Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well 3591 None Surface Water 2085 None

Wetlands _____ None Springs _____ None

Livestock _____ None Occupied Building 1175 None

Additional Spill Details Not Provided Above:

Empty box for additional spill details.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/01/2015

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)

The failure in the line was caused by internal corrosion.

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

The pipeline will be repaired and sacrificial anodes will be installed to prevent corrosion.

Volume of Soil Excavated (cubic yards): 140

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:

Empty box for 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: Charles Chase

Title: Staff HSE Representative Date: 10/01/2015 Email: charles.chase@anadarko.com

COA Type

Description

Empty table for COA Type and Description.

Attachment Check List

Att Doc Num

Name

400908443	FORM 19 SUBMITTED
400908502	ANALYTICAL RESULTS
400908764	TOPOGRAPHIC MAP
400908765	SITE MAP

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

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

Total: 0 comment(s)