

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:

401406011

Date Received:

12/21/2017

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

451308

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. 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>(720) 929-6000</u> |
| City: <u>DENVER</u> | State: <u>CO</u> | Mobile: <u>(720) 929-3721</u> |
| Zip: <u>80217</u> | | Email: <u>Charles.Chase@anadarko.com</u> |
| Contact Person: <u>Charles Chase</u> | | |

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401329524

Initial Report Date: 06/30/2017 Date of Discovery: 06/30/2017 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNE SEC 26 TWP 2N RNG 66W MERIDIAN 6Latitude: 40.115727 Longitude: -104.743976Municipality (if within municipal boundaries): _____ County: WELD

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): 0Estimated Condensate Spill Volume(bbl): >0 and <1Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: CROP LAND

Other(Specify): _____

Weather Condition: Mostly cloudy, ~ 70 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):

On June 30, 2017, a release of at least 1 barrel of condensate occurred at the 16-80-40-4" Gathering Line when the line was struck during excavation activities. Emergency response personnel were notified and responded to the location. The affected line was isolated and controlled. Assessment and remediation activities are ongoing and will be summarized in a forthcoming Supplemental Form 19 Spill/Release Report. A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

| Date | Agency/Party | Contact | Phone | Response |
|-----------|--------------|--------------|------------|----------|
| 6/30/2017 | County | Roy Rudisill | -email | |
| 6/30/2017 | County | Troy Swain | -email | |
| 6/30/2017 | County | Tom Parko | -email | |
| 6/30/2017 | Private | Land owner | -in-person | |

SPILL/RELEASE DETAIL REPORTS

| | | | |
|-----------------|--------------------------------------|-----------------|--------------------------|
| #1 | Supplemental Report Date: 12/21/2017 | | |
| FLUIDS | BBL's SPILLED | BBL's RECOVERED | Unknown |
| OIL | 0 | 0 | <input type="checkbox"/> |
| CONDENSATE | 2 | 0 | <input 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): 750 Width of Impact (feet): 515

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): _____

How was extent determined?

On June 30, 2017, a release of approximately 2 barrels of condensate occurred at the 16-80-40-4" Gathering Line when the line was struck during excavation backfilling activities. As a result of the line strike, two nearby buildings (a house and an equipment storage barn) were impacted by the spray release of condensate. Initial spill response included washing the exteriors of the buildings with water. Upon the homeowner informing KMG that a house window was open during the spray release, KMG contracted with a professional cleaning service to clean the entire interior of the house. The interior cleaning was completed as part of the response. Approximately 700 cubic yards of impacted material were removed via surface scraping in portions of the release area and transported to the Buffalo Ridge Landfill in Keenesburg, CO and the KMG Aggregate Recycling Facility in Weld County, CO. Remaining impacted vegetation and soils in the release area were treated through a Micro-Blaze Emergency Liquid Spill Control application. 111 confirmation grab soil samples (SS01 - SS104, SS11-R, SS25-R, SS29-R, SS66-R, SS78-R, SS89-R, SS90-R) and 41 confirmation composite soil samples (CS01 - CS40, CS13-R) were collected from the release area between 0 and 6 inches below ground surface. Soil samples were submitted to Origins Lab for analysis of BTEX, TPH-GRO by USEPA Method 8260C, and TPH-DRO & ORO by USEPA Method 8015. Soil analytical results indicate that constituent concentrations in the soil samples collected from the release area following soil scraping and Micro-Blaze treatment activities were below COGCC standards. Soil analytical results are presented in Table 1. Laboratory analytical reports are provided as Attachment A. A topographic Site Location Map is provided as Figure 1. Composite soil sample locations are shown on Figure 2. Grab soil sample locations are shown on Figure 3. Based on the analytical data provided herein, KMG is requesting a NFA determination for this release.

Soil/Geology Description:

| | | | | | |
|--|------------|---|--|-------------------|--|
| Depth to Groundwater (feet BGS) <u>19</u> | | Number Water Wells within 1/2 mile radius: <u>5</u> | | | |
| If less than 1 mile, distance in feet to nearest | Water Well | <u>290</u> | None <input type="checkbox"/> | Surface Water | <u>3220</u> None <input type="checkbox"/> |
| | Wetlands | <u></u> | None <input checked="" type="checkbox"/> | Springs | <u></u> None <input checked="" type="checkbox"/> |
| | Livestock | <u>470</u> | None <input type="checkbox"/> | Occupied Building | <u>350</u> None <input type="checkbox"/> |

At the request of the adjacent property owner to the west, water samples were collected from two livestock troughs (North Trough and South Trough) located within or near the release area. The water samples were submitted to Origins Laboratory for analysis of BTEX by USEPA Method 8260C. Analytical results indicated that constituent concentrations in the water samples collected from the livestock troughs were below the applicable COGCC Table 910-1 standards. Water sample locations are illustrated on Figure 2, water analytical results are summarized in Table 2, and the laboratory analytical report is included in Attachment A.

| | | |
|----|---------------------------|------------|
| #1 | Supplemental Report Date: | 10/24/2017 |
|----|---------------------------|------------|

Cause of Spill (Check all that apply)

| | | |
|---|--|---|
| <input checked="" type="checkbox"/> Human Error | <input type="checkbox"/> Equipment Failure | <input type="checkbox"/> Historical-Unknown |
| <input type="checkbox"/> Other (specify) _____ | | |

Describe Incident & Root Cause (include specific equipment and point of failure)

A gathering line was struck during excavation backfilling activities.

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

Utility locating procedures will be reviewed to identify actions to reduce recurrence. Kerr-McGee Gathering will increase oversight of utility locating activities prior to initiating subsurface work.

Volume of Soil Excavated (cubic yards): 700

Disposition of Excavated Soil (attach documentation)

| | |
|--|---|
| <input checked="" type="checkbox"/> Offsite Disposal | <input type="checkbox"/> Onsite Treatment |
| <input type="checkbox"/> Other (specify) _____ | |

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

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: Charles Chase

Title: Staff HSE Representative Date: 12/21/2017 Email: Charles.Chase@anadarko.com

COA Type**Description**

| | |
|--|---|
| | Based on the information presented, it appears that no further action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be impacted, then further investigation and/or further remediation activities may be required. In addition, the surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules. |
|--|---|

Attachment Check List**Att Doc Num****Name**

| | |
|-----------|------------------------------------|
| 401406011 | SPILL/RELEASE REPORT(SUPPLEMENTAL) |
| 401406440 | ANALYTICAL RESULTS |
| 401406457 | TOPOGRAPHIC MAP |
| 401407061 | SITE MAP |
| 401409138 | ANALYTICAL RESULTS |
| 401409208 | SITE MAP |
| 401494795 | FORM 19 SUBMITTED |

Total Attach: 7 Files

General Comments**User Group****Comment****Comment Date**

| | | |
|--|--|------------------------|
| | | Stamp Upon Approval |
|--|--|------------------------|

Total: 0 comment(s)