

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401039217

Date Received:

05/03/2016

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

445511

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> Zip: <u>80217-3779</u>		Mobile: <u>(970) 515-1238</u>
Contact Person: <u>Sam LaRue</u>		Email: <u>Sam.LaRue@anadarko.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401025877

Initial Report Date: 04/12/2016 Date of Discovery: 04/11/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWNW SEC 11 TWP 1N RNG 68W MERIDIAN 6

Latitude: 40.068218 Longitude: -104.975426

Municipality (if within municipal boundaries): City of Dacono County: WELD

Reference Location:

Facility Type: FLOWLINE Facility/Location ID No _____
 No Existing Facility or Location ID No.
 Well API No. (Only if the reference facility is well) 05-123-39946

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): >=5 and <100 Estimated Condensate Spill Volume(bbl): 0

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: 70'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 April 11, 2016, an operator discovered oil surfacing above a flowline during routine activities for the Como 13C-14HZ wellhead. More than one barrel of oil was released outside secondary containment. Site assessment activities are on-going and will be summarized in a Supplemental Form 19.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
4/11/2016	County	Roy Rudisill	--Email	
4/11/2016	County	Troy Swain	--Email	
4/11/2016	County	Tom Parko	--Email	
4/11/2016	City of Dacono	J. Krieger	--Email	
4/11/2016	Land Owner	Private	--Via Attorney	

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 05/02/2016

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>20</u>	<u>20</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>0</u>	<u>0</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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): 265 Width of Impact (feet): 70

Depth of Impact (feet BGS): 13 Depth of Impact (inches BGS): _____

How was extent determined?

On April 11, 2016, an operator discovered oil surfacing above a flowline during routine activities at the Como 13C-14HZ wellhead. Approximately 20 barrels of oil were released and recovered outside secondary containment. Approximately 590 cubic yards of impacted material were excavated and transported to the Front Range Regional Landfill in Erie, Colorado for disposal. Excavation activities were guided in the field by screening soil for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Twenty (20) soil samples were collected from the final extent of the excavation and surface run-off area at depths ranging between 1 foot and 13 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 in soil samples collected from the final extent of the excavation and surface run-off area were below the applicable COGCC Table 910-1 standards. Based on the analytical results, Kerr-McGee is requesting a No Further Action (NFA) determination for this release. The excavation area will be backfilled and contoured to match pre-existing conditions. Soil analytical results are summarized in Table 1 and soil sample locations are illustrated in Figure 2.

Soil/Geology Description:

Clay to silty sand.

Depth to Groundwater (feet BGS) 227

Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest

Water Well 445 None

Surface Water 450 None

Wetlands _____ None

Springs _____ None

Livestock _____ None

Occupied Building 1455 None

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 05/02/2016

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)

During routine operations, an operator discovered a release that had surfaced above the flowline. It appears that the root cause of the flowline failure is due to internal corrosion.

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

The flowline will be replaced. Additional actions will be taken, if necessary, pending the results of the flowline investigation.

Volume of Soil Excavated (cubic yards): 590

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:

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

Signed: _____ Print Name: Sam LaRue

Title: Senior HSE Representative Date: 05/03/2016 Email: Sam.LaRue@anadarko.com

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401039387	TOPOGRAPHIC MAP
401039389	FORM 19 SUBMITTED
401040015	ANALYTICAL RESULTS
401040066	SITE MAP

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)