

State of Colorado Oil and Gas Conservation Commission

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Document Number:

400816134

Date Received:

03/27/2015

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	Phone Numbers
Address: P O BOX 173779		Phone: (970) 336-3500
City: DENVER	State: CO	Mobile: (970) 515-1238
Zip: 80217-3779		Email: Sam.LaRue@anadarko.com
Contact Person: Sam LaRue		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400811339

Initial Report Date: 03/19/2015 Date of Discovery: 03/18/2015 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESW SEC 30 TWP 1N RNG 67W MERIDIAN 6

Latitude: 40.017802 Longitude: -104.934858

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 318106
☐ 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: CROP LAND Other(Specify):

Weather Condition: 50'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 March 18, 2015, a historical release was discovered during plugging and abandonment activities at the Paul Jacobucci Gas Unit 1 production facility. Approximately 850 cubic yards of impacted material have been excavated and transported to the Front Range Regional Landfill located in Erie, Colorado for disposal. Excavation activities at the location are on-going at this time.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
3/18/2015	County	Roy Rudisill	--Email	
3/18/2015	County	Tom Parko	--Email	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 03/27/2015		
FLUIDS	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): 70 Width of Impact (feet): 69

Depth of Impact (feet BGS): 15 Depth of Impact (inches BGS): _____

How was extent determined?

On March 18, 2015, historical impacts were discovered during abandonment activities at the Jacobucci Paul Gas Unit 1 facility. Approximately 1200 cubic yards of impacted material were removed and transported to Front Range Regional Landfill located in Erie, Colorado for disposal. Ten soil samples were collected from the base and sidewalls of the final extent of the excavation. Soil samples were submitted to Origins Laboratory in Denver, Colorado for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and total petroleum hydrocarbons - gasoline range organics (TPH-GRO) using USEPA Method 8260B. In addition, samples were analyzed for total petroleum hydrocarbons - diesel range organics (TPH-DRO) and total petroleum hydrocarbons - oil range organics (TPH-ORO) using USEPA Method 8015. Analytical results indicated that constituent concentrations in the soil samples collected from the final extent of the excavation area were below applicable COGCC Table 910-1 standards. Based on the analytical results described herein, Kerr-McGee is requesting a No Further Action (NFA) determination for this location. Soil analytical results are summarized in Table 1 and soil sample locations are illustrated on Figure 2.

Soil/Geology Description:

Silty Sand to Silty Clay

Depth to Groundwater (feet BGS) 35 Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest

Water Well	<u>2350</u>	None <input type="checkbox"/>	Surface Water	<u>2300</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>900</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/27/2015

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)

Historical impacts were discovered beneath the production equipment during abandonment activities. There was no indication that the produced water tank or dump lines were leaking. All associated fittings were tight and working properly.

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

The tank battery is being abandoned and will not be rebuilt.

Volume of Soil Excavated (cubic yards): 1200

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: Sam LaRue

Title: Senior HSE Representative Date: 03/27/2015 Email: Sam.LaRue@anadarko.com

Attachment Check List

Att Doc Num	Name
400816316	ANALYTICAL RESULTS
400816362	FORM 19 SUBMITTED
400816626	TOPOGRAPHIC MAP
400816627	OTHER
400816628	SITE MAP

Total Attach: 5 Files

General Comments

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

Total: 0 comment(s)