

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:

402020209

Date Received:

04/26/2019

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

464221

SPILL/RELEASE REPORT (INITIAL /w 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: KERR MCGEE OIL & GAS ONSHORE LP	Operator No: 47120	Phone Numbers Phone: (970) 515-1698 Mobile: () Email: Gregory.Hamilton@ana-darko.com
Address: P O BOX 173779		
City: DENVER	State: CO Zip: 80217-3779	
Contact Person: Greg Hamilton		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402020209

Initial Report Date: 04/24/2019 Date of Discovery: 04/23/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSW SEC 24 TWP 3N RNG 68W MERIDIAN 6

Latitude: 40.210231 Longitude: -104.960471

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: WELL PAD ☐ Facility/Location ID No
 Spill/Release Point Name: Benson Farms ☐ No Existing Facility or Location ID No.
 Number: 32C-23HZ ☒ Well API No. (Only if the reference facility is well) 05-123-39395

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? Yes

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: Approximately 11 barrels of oil were released outside of containment

Land Use:

Current Land Use: OTHER Other(Specify): Well Pad

Weather Condition: Sunny, 65°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):

During hot oiling activities at the Benson Farms 32C-23HZ well, approximately 11 barrels of oil were released outside of secondary containment. Approximately 1 barrel of oil was recovered. The petroleum hydrocarbon impacted soil was excavated. The assessment details and analytical results are summarized below. The 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
4/24/2019	Weld County	Jason Maxey	-	Notified via Email
4/24/2019	Weld County	Roy Rudisill	-	Notified via Email
4/24/2019	Landowner	Landowner	-	Notified via Certified Mail

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with this E & P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 04/26/2019		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	11	1	<input type="checkbox"/>
CONDENSATE	0	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) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): 202		Width of Impact (feet): 15	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
On April 25, 2019, seven soil samples were collected from the base of the shallow excavation and submitted for laboratory analysis of TPH, BTEX, and naphthalene. Laboratory analytical results indicated that TPH, BTEX, and naphthalene concentrations are in full compliance with COGCC Table 910-1 allowable levels at the extent of the excavation. Approximately 130 cubic yards of impacted soil were excavated and transported to Front Range Landfill in Erie, Colorado, for disposal. The general site layout, excavation dimensions, and soil sample locations are depicted on the Excavation Site Map provided as Figure 2. The soil sample analytical results are summarized in Table 1, and the laboratory analytical report is attached.			
Soil/Geology Description:			
Clay (CL)			

Depth to Groundwater (feet BGS) 20 Number Water Wells within 1/2 mile radius: 2
If less than 1 mile, distance in feet to nearest Water Well 1350 None ☐ Surface Water 450 None ☐
Wetlands None ☒ Springs None ☒
Livestock 670 None ☐ Occupied Building 620 None ☐

Additional Spill Details Not Provided Above:

No further action is required. Laboratory analytical results for the soil samples indicate that TPH, BTEX, and naphthalene concentrations are in full compliance with COGCC Table 910-1 allowable levels at the extent of the excavation. Based on the soil sample analytical results, Kerr-McGee is requesting a No Further Action status for this site.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/26/2019

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 hot oiling activities at the Benson Farms 32C-23HZ well, an operator failed to close a valve, resulting in the release of approximately 11 barrels of oil outside of secondary containment. Stop work authority was immediately initiated.

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

A safety stand down was held with contractors to reinforce stop work authority. Standard operating procedures are being reviewed/updated. The excavation will be restored to its pre-release grade.

Volume of Soil Excavated (cubic yards): 130

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: Greg Hamilton

Title: Sr. Staff Enviro. Rep. Date: 04/26/2019 Email: Gregory.Hamilton@anadarko.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

402020209	SPILL/RELEASE REPORT(I/S)
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402020378	OTHER
402023152	ANALYTICAL RESULTS
402023493	TOPOGRAPHIC MAP
402023568	SITE MAP
402023740	FORM 19 SUBMITTED

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)