

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401988351

Date Received:

03/29/2019

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

463424

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

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401978445

Initial Report Date: 03/19/2019 Date of Discovery: 03/19/2019 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 11 TWP 2N RNG 67W MERIDIAN 6

Latitude: 40.145452 Longitude: -104.850833

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 450468
 Spill/Release Point Name: Daniel V ☐ No Existing Facility or Location ID No.
 Number: 11-15 ☐ 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):	Unknown	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: Sunny, 40°
 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):

Historical impacts were discovered during abandonment activities at the Daniels V 11-15 production facility. The release became State reportable on March 19, 2019, due to the quantity of impacted soil excavated. Soil excavation 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
3/19/2019	County	Jason Maxey	-	Notified via Email
3/19/2019	County	Roy Rudisill	-	Notified via Email
3/19/2019	Private	Landowner	-	Notified in Person

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: 03/28/2019		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	_____	_____	<input checked="" 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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
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): 28		Width of Impact (feet): 28	
Depth of Impact (feet BGS): 14		Depth of Impact (inches BGS): _____	
How was extent determined?			
Historical impacts were discovered during abandonment activities at the Daniels V 11-15 production facility. On March 19, 2019, two (2) soil samples (E01@11 and N01@11) were collected from the sidewalls of the excavation at approximately 11 feet below ground surface (bgs). The soil samples were submitted to Origins Laboratory 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. Analytical results for the soil samples exceeded COGCC Table 910-1 allowable concentrations for TPH and benzene. Excavation activities are on-going and will be summarized in an additional Form 19 supplemental upon the completion of the remedial activities.			
Soil/Geology Description:			
Loamy Sand.			

Depth to Groundwater (feet BGS) 15 Number Water Wells within 1/2 mile radius: 48
If less than 1 mile, distance in feet to nearest Water Well 385 None ☐ Surface Water 130 None ☐
Wetlands 415 None ☐ Springs None ☒
Livestock 40 None ☐ Occupied Building 360 None ☐

Additional Spill Details Not Provided Above:

A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. The general site layout, excavation area, and soil sample locations are depicted on the Excavation Site Map provided as Figure 2. The excavation soil sample analytical results are summarized in Table 1, and the laboratory analytical reports are provided as Attachment A.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/28/2019

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 plugging and abandonment activities at the Daniels V 11-15 facility, soil with historical petroleum hydrocarbon impacts were encountered. The volume of the release is unknown.

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

The facility is being decommissioned and will be returned to pre-construction elevations.

Volume of Soil Excavated (cubic yards): 670

Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment
☐ Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): _____

Volume of Impacted Surface Water Removed (bbls): _____

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: Senior Environmental Rep. Date: 03/29/2019 Email: Gregory.Hamilton@anadarko.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401988351	SPILL/RELEASE REPORT(SUPPLEMENTAL)
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401988661	ANALYTICAL RESULTS
401988662	ANALYTICAL RESULTS
401989984	SITE MAP
401990150	TOPOGRAPHIC MAP
401990409	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)