

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:

401916728

Date Received:

01/25/2019

Spill report taken by:

Spill/Release Point ID:

# 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	<b>Phone Numbers</b> Phone: (970) 336-3500 Mobile: (970) 515-1698 Email: Gregory.Hamilton@ana-darko.com
Address: P O BOX 173779		
City: DENVER	State: CO Zip: 80217-3779	
Contact Person: Gregory Hamilton		

## INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401916728

Initial Report Date: 01/24/2019 Date of Discovery: 01/23/2019 Spill Type: Historical Release

### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESW SEC 4 TWP 3N RNG 66W MERIDIAN 6

Latitude: 40.247889 Longitude: -104.786169

Municipality (if within municipal boundaries): County: WELD

### Reference Location:

Facility Type: OTHER ☐ Facility/Location ID No ☐  
 Spill/Release Point Name: ☒ No Existing Facility or Location ID No.  
 Number: ☐ 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): 0

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: Clear ~ 30 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):

Historical impacts were discovered during the abandonment of a gas sales line associated with the Kern L 4-14 production facility. Approximately 190 cubic yards of impacted material were removed and transported to the Kerr-McGee Land Treatment Facility in Weld County, Colorado. Excavation activities were guided in the field by screening soil for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Groundwater was encountered within the excavation at approximately 4.5 feet below ground surface (bgs). 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
1/23/2019	County	Jason Maxey	-email	
1/23/2019	County	Roy Rudisill	-email	
1/23/2019	Private	Landowner	-phone	

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: 01/24/2019		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE			<input checked="" 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): 30 Width of Impact (feet): 30

Depth of Impact (feet BGS): 4 Depth of Impact (inches BGS): 6

How was extent determined?

Historical impacts were discovered during the abandonment of a gas sales line associated with the Kern L 4-14 production facility. Four (4) confirmation soil samples were collected from the sidewalls of the final lateral extent of the excavation area at approximately 3.5 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. Laboratory analytical results indicated that constituent concentrations in the soil samples collected from the sidewalls of the final lateral extent of the excavation area were in full compliance with the COGCC standards. Groundwater was encountered in the excavation at approximately 4.5 feet bgs. On January 22, 2019, a groundwater sample (GW01) was collected from the excavation area following the removal of approximately 40 barrels of groundwater from the excavation and submitted to Origins Laboratory for analysis of BTEX by USEPA Method 8260C. Analytical results received on January 23, 2019, indicated that the benzene concentration in groundwater sample GW01 was out of compliance with the COGCC standard. Excavation groundwater recovery activities are ongoing and will be summarized in a forthcoming Initial Form 27 Site Investigation and Remediation Workplan.

Clayey sand

Number Water Wells within 1/2 mile radius: 12

None ☐None ☒None ☐

A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. Soil and groundwater sample locations are illustrated on Figure 2. Soil analytical results are summarized in Table 1 and groundwater analytical results are summarized in Table 2. The laboratory analytical reports are provided as Attachment A.

#1	Supplemental Report Date:	01/24/2019
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☐ Other (specify)

Historical impacts were discovered during the abandonment of a gas sales line.

Site infrastructure has been removed and will not be replaced.

☐ Other (specify)

Volume of Impacted Surface Water Removed (bbls):

Form 27 Remediation Project No:

Title: Senior Staff Env Rep      Date: 01/25/2019      Email: Gregory.Hamilton@anadarko.com

### Description

**Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
401916933	ANALYTICAL RESULTS
401916936	ANALYTICAL RESULTS
401916951	OTHER
401917243	TOPOGRAPHIC MAP
401917247	ANALYTICAL RESULTS
401917248	ANALYTICAL RESULTS
401917646	SITE MAP

Total Attach: 7 Files

**General Comments**

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

Total: 0 comment(s)