

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:

401953418

Date Received:

02/27/2019

Spill report taken by:

NEIDEL, KRIS

Spill/Release Point ID:

462250

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: SANDRIDGE EXPLORATION & PRODUCTION LLC	Operator No: 10598	<b>Phone Numbers</b>
Address: 123 ROBERT S KERR AVE		Phone: (405) 429-5745
City: OKLAHOMA CITY	State: OK Zip: 73102	Mobile: (405) 651-6853
Contact Person: Matt Church		Email: mchurch@sandridgeenergy.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401945460

Initial Report Date: 02/20/2019 Date of Discovery: 02/19/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENW SEC 9 TWP 6N RNG 80W MERIDIAN 6

Latitude: 40.510062 Longitude: -106.383787

Municipality (if within municipal boundaries): County: JACKSON

Reference Location:

Facility Type: WELL  Facility/Location ID No \_\_\_\_\_  
 Spill/Release Point Name: SU 0680  No Existing Facility or Location ID No.  
 Number: 3-9H16  Well API No. (Only if the reference facility is well) 05-057-06551

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): >=1 and <5
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: 10F, Clear, Lt Wind  
 Surface Owner: FEE Other(Specify): North Park Registered Herefords

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):

At approximately 1900 on 2/19/2019 while bumping up on surface with CTU during drillout operations on the SU 0681 3-9H16 well, we encountered a slug of gas that over ran the scrubber pot ahead of the flare. This forced approximately one BBL of condensate down the line and out of the flare stack causing it to be ignited as it fell to the ground from the flare. The on-site crew were able to immediately extinguish the fire with dirt and snow. The Jackson County Fire Department was called immediately after the fire started, and were subsequently called off once the on-site crew was able to extinguish the fire. No injuries were reported and the only equipment damaged was the flare stack and trailer and some liners.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
2/19/2019	COGCC	Alex Fischer	303-894-2100	Initial 6 hour notification - email
	COGCC	Kris Neidel	970-871-1963	Initial 6 hour notification - email
2/20/2019	Landowner	John Rich	-	Initial 24 hour notification
2/20/2019	Jackson County Administrator	Kent Crowder	970-723-4660	Initial 24 hour notification
2/20/2019	BLM	Kelly Elliott	970-724-3000	Initial 24 hour notification
2/19/2019	Jackson County Fire Dept	Fire	-911	Request for dispatch and subsequent call-off for fire response

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: 401945198

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 02/27/2019

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>1</u>	<u>1</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>1</u>	<input type="checkbox"/>

specify: contaminated snow

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): 5

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

The area was stained from condensate being ignited by flare. The extent was walked and measured.

Soil/Geology Description:

Ca - Cabin sandy loam

Depth to Groundwater (feet BGS) 20

Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well 2600 None

Surface Water 3620 None

Wetlands 600 None

Springs \_\_\_\_\_ None

Livestock 4000 None

Occupied Building 400052  
804 None

Additional Spill Details Not Provided Above:

The ground conditions on site were snowpacked and the soil was frozen. The material that hit the ground partially melted into the snow but did not enter into the soil surface. The area was scraped using a front end loader and contaminated material was transported via truck to Twin Enviro in Milner, CO for disposal.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/27/2019

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)

After finishing coil tubing the crew had the well shut in. The line from the well to the flare had trapped gas pressure. Instead of sending the gas through the gas-buster to bleed down the line pressure it was decided to instead send the gas straight to the stick flare. The condensate and pressure was too much for the scrubbers to handle which sent the condensate into the flare, causing it to ignite and spill onto the ground.

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

Safety stand downs were completed on 2/19 and 2/20 to discuss the incident and to reveal the root cause. Crews were educated on the proper equipment to use when working with pressurized equipment. Larger scrubbers were employed on the flare line and gas-busters were employed to depressure the flowback flowlines.

Volume of Soil Excavated (cubic yards): 16

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:

SD is requesting closure of this spill. Please see detailed and corrective actions reports as well as attachments.

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

Signed: \_\_\_\_\_ Print Name: Matt Church

Title: EH&S Specialist Date: 02/27/2019 Email: mchurch@sandridgeenergy.com

**COA Type****Description**

	Closure request is denied at this time. COGCC staff removed the request for closure in this form 19 to allow for approval.
	Sandridge should collect soil samples (per rule 910) that demonstrate clean up activities were adequate. Samples should be submitted on a Form 27 Remediation workplan.

**Attachment Check List****Att Doc Num****Name**

401953418	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401953426	AERIAL PHOTOGRAPH
401953427	DISPOSAL MANIFEST
401953488	TOPOGRAPHIC MAP
401959720	FORM 19 SUBMITTED

Total Attach: 5 Files

**General Comments****User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)