

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401430536

Date Received:

10/16/2017

Spill report taken by:

NEIDEL, KRIS

Spill/Release Point ID:

446487

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	Phone Numbers
Address: 123 ROBERT S KERR AVE		Phone: (580) 4304605
City: OKLAHOMA CITY	State: OK Zip: 73102	Mobile: (405) 5907483
Contact Person: Clay Harwell		Email: charwell@sandridgeenergy.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401071988

Initial Report Date: 06/30/2016 Date of Discovery: 06/30/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 32 TWP 7N RNG 80W MERIDIAN 6

Latitude: 40.528256 Longitude: -106.404319

Municipality (if within municipal boundaries): County: JACKSON

Reference Location:

Facility Type: WELL Facility/Location ID No
 No Existing Facility or Location ID No.
 Well API No. (Only if the reference facility is well) 05-057-06469

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:

Land Use:

Current Land Use: NON-CROP LAND Other(Specify):
Weather Condition: Clear and 64 degrees
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):

Excess cable on the stroke cable snagged the nipple holding the pressure gauge on the pump tee. The nipple broke allowing oil to spill on the ground around the well head. Approximately 12 BBL of oil was spilled of which approximately 10 BBL was recovered. The broken nipple was replaced and the well placed back into service. A vacuum truck removed the spilled oil. The contaminated soil will be removed and placed in containment for off-site disposal.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
	COGCC	Kris Neidel	970-8711963	COGCC was notified who will inspect the well site on 07/01/2016.

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 10/16/2017

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	12	10	<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? YES 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): _____ Depth of Impact (inches BGS): _____

How was extent determined?

Visually

Soil/Geology Description:

Soil- Cabin Sandy Loam (Ca)

Depth to Groundwater (feet BGS) 18 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well	<u>2995</u>	None <input type="checkbox"/>	Surface Water	<u>2540</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	<u>200</u>	None <input type="checkbox"/>	Occupied Building	<u>2975</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

The total amount of oil spilled was 12 BBL, with 10 BBL of oil being recovered in the free product phase. The remaining amount of fluid that had soaked into the soil was 3 BBL and it was removed during the excavation process. The free product was disposed of at the Vaneta 1-32D SWD and the affected soil was placed inside a roll off container that also contained drill cuttings that were sent to Twin Enviro for disposal. The spill never left the location and was contained around the well head area.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/16/2017

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)

Excess cable on the stroke cable snagged the nipple holding the pressure gauge on the pump tee. The nipple broke allowing oil to spill on the ground around the well head. Approximately 12 BBL of oil was spilled of which approximately 10 BBL was recovered. The broken nipple was replaced and the well placed back into service. A vacuum truck removed the spilled oil. The contaminated soil will be removed and placed in containment for off-site disposal.

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

The excess length in the cable was removed.

Volume of Soil Excavated (cubic yards): 3

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: Clay Harwell
 Title: EH&S Supervisor Date: 10/16/2017 Email: charwell@sandridgeenergy.com

<u>COA Type</u>	<u>Description</u>
	It appears that the Corrective Actions described by the operator has been a good solution for preventing this sort of spill. It has been 16 months since this incident.
	Based on review of information presented it appears that no further action is necessary at this time, and COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be significantly impacted, then further investigation and/or remediation activities may be required at the site.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401430536	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401430745	AERIAL PHOTOGRAPH
401430763	SITE MAP
401439204	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

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

Total: 0 comment(s)