

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:

402073224

Date Received:

06/13/2019

Spill report taken by:

NEIDEL, KRIS

Spill/Release Point ID:

465582

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

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402073224

Initial Report Date: 06/12/2019 Date of Discovery: 06/11/2019 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNW SEC 17 TWP 7N RNG 80W MERIDIAN 6

Latitude: 40.584213 Longitude: -106.405905

Municipality (if within municipal boundaries): County: JACKSON

Reference Location:

Facility Type: OIL AND GAS LOCATION Facility/Location ID No 324757

Spill/Release Point Name: Mutual No Existing Facility or Location ID No.

Number: 7-17H 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? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): Unknown 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: 62F, Partly Cloudy, Lt breeze

Surface Owner: FEE Other(Specify): Kohlman's OK LP

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):

Stained material was observed under the separator and separator housing area on the Mutual 7-17H location during removal of separator and separator housing for decommissioning. This stained material is believed to be historic, prior to SandRidge owning the field and not a SD production spill. Soil augering was completed in 6 inch increments at the source of the staining and found high levels of VOC's beginning at the surface down to approximately 40 inches bgs. Groundwater was observed at approximately 30 inches bgs. Full area delineation has not yet been completed and at this time it is estimated that the size of the contaminated area is approximately 30 feet wide by 30 feet long by 4 feet deep. The Mutual 7 tank battery and infrastructure is currently being decommissioned and all fluids are being sent to the Big Horn battery. The tank battery, combustors, and separators have been decommissioned and removed along with all flowlines to/from the well.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/12/2019	COGCC	Kris Neidel	-	Initial 24-hour report
6/12/2019	CDPHE	Ann Nedro	-	Initial 24-hour report
6/12/2019	Landowner	Greg Ray	-	Initial 24-hour report
6/12/2019	Jackson County Administrator	Kent Crowder	-	Initial 24-hour report

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: 06/12/2019

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	_____	_____	<input checked="" 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) 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): _____

How was extent determined?

Soil auger investigation and step out delineation

Soil/Geology Description:

Ca - Cabin sandy loam

Depth to Groundwater (feet BGS) 2 Number Water Wells within 1/2 mile radius: 2
 If less than 1 mile, distance in feet to nearest Water Well 16 None Surface Water 50 None
 Wetlands 40 None Springs None
 Livestock 1000 None Occupied Building 3500 None

Additional Spill Details Not Provided Above:

Spill is historic in nature with some free product observed within the soil profile and skim on groundwater.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/12/2019

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)

unknown

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

unknown

Volume of Soil Excavated (cubic yards): _____

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): 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: 13743

OPERATOR COMMENTS:

Stained material was observed under the separator and separator housing area on the Mutual 7-17H location during removal of separator and separator housing for decommissioning. This stained material is believed to be historic, prior to SandRidge owning the field and not a SD production spill. Soil augering was completed in 6 inch increments at the source of the staining and found high levels of VOC's beginning at the surface down to approximately 40 inches bgs. Groundwater was observed at approximately 30 inches bgs. Full area delineation has not yet been completed and at this time it is estimated that the size of the contaminated area is approximately 30 feet wide by 30 feet long by 4 feet deep. The Mutual 7 tank battery and infrastructure is currently being decommissioned and all fluids are being sent to the Big Horn battery. The tank battery, combustors, and separators have been decommissioned and removed along with all flowlines to/from the well. Soil samples were collected on 6/12/2019 and will be lab analyzed for full table 910. Groundwater samples will be collected at the time of excavation, which will begin on 6/17/2019. SandRidge will excavate source material and haul dry contaminants via trucks to a licensed disposal facility, Twin Landfill, located in Milner, Colorado. Further soil and groundwater sampling protocol will be described on a Form 27 - Remediation Plan.

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: 06/13/2019 Email: mchurch@sandridgeenergy.com

COA Type**Description**

	Work proceeding under project number 13743.
	COGCC staff changed the facility Id from 462655 to 324757.
	Delineate horizontal and vertical extent of impacted area and remediate soil and groundwater impacts to Table 910-1 standards. Provide documentation in a F-27. Documentation must include a figure showing spill area with sample locations plus laboratory results.

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

402073224	SPILL/RELEASE REPORT(I/S)
402073234	AERIAL PHOTOGRAPH
402073235	TOPOGRAPHIC MAP
402073247	TOPOGRAPHIC MAP
402073332	AERIAL PHOTOGRAPH
402085941	FORM 19 SUBMITTED

Total Attach: 6 Files

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

Environmental	This form was not be approved until the Form 27 was approved and a project ID created. 13743.	06/13/2019
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Total: 1 comment(s)