

State of Colorado  
Oil and Gas Conservation Commission

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Phone: (303) 894-2100 Fax: (303) 894-2109



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

### 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 apporximately 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 |                 |                          |
| <b>FLUIDS</b>   | 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

| COA Type | Description  |
|----------|--|
|          | 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

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

Total Attach: 4 Files

### General Comments

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

Total: 0 comment(s)