**Sarah Byam/James Short**
Senior Environmental Coordinator
P.O. Box 196105
Anchorage, AK 99519-6105
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June 28, 2018

Certified Mail
Return Receipt Requested
7016 1370 0000 0849 0080

Clean Air Act Compliance Manager
U.S. EPA - Region 10. OCE-101
1200 6th Avenue; Suite 900
Seattle, WA 98101-3140

Subject: NSPS Subpart OOOOa
Annual Report – 31 March 2017 through 31 March 2018
Kuparuk River Unit

Compliance Manager,

As required in 40 CFR 60.5420a(b), ConocoPhillips Alaska (COPA) submits the enclosed annual OOOOa report for the Kuparuk River Unit.

Per 40 CFR 60.5420a(b), the initial annual report for OOOOa is due, "no later than 90 days after the end of the initial compliance period as determined according to §60.5410a." The initial compliance period began on August 2, 2016, and ends August 1, 2017; therefore, the first annual report would be due by October 30, 2017.

Pursuant to 40 CFR 60.5420a(b), COPA elected to submit the annual OOOOa by June 29th. The initial report on June 29, 2017 covers a reporting period of less than one year (reporting sooner than October 30, 2017) and, therefore, satisfies the requirement for an alternate reporting deadline.

Should you have any questions regarding this submittal, please contact the Kuparuk Environmental Coordinator at (907) 659-7242.

Sincerely,

Sarah Byam

James Short/Sarah Byam
Sr. Environmental Coordinator

Enclosures

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ED_004016I_00011513-00002

## I. General Information

ConocoPhillips Alaska, Inc.
700 G Street
P.O. Box 100360
Anchorage, AK 99510-0360

Facility Site Name: Kuparuk River Unit

Location: Kuparuk Oil Field
Latitude: 70.323720° (Central Production Facility 1)
Longitude: -149.611196° (Central Production Facility 1)

### Affected Facilities Included in This Annual Report

| Affected Facilities: | Subject to Reporting? |
|---|---|
| Hydraulically fractured/refractured wells [§60.5365a(a)] | Yes |
| Centrifugal compressors [§60.5365a(b)] | No |
| Reciprocating compressors [§60.5365a(c)] | No |
| Pneumatic controllers [§60.5365a(d)] | Not Applicable |
| Storage vessels [§60.5365(e)] | No |
| Pneumatic pumps [§60.5365a(h)] | Not Applicable |
| Fugitive emission components at a well site or compressor station [§60.5365a(i) and §60.5365a(j)] | Yes |

## II. Report Certification

Reporting Period Start: 31 March 2017
Reporting Period End: 31 March 2018

### Statement of Certification

*Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.*

Signature: _____ Date: 06/27/18
Ty Maxey
GKA Operations Manager

## III. Reporting Requirements and Documentation

| Citation | Requirements | Data Location |
|---|---|---|
| ***Well Affected Facilities*** | | |
| §60.5420a(b)(2)(i); §60.5420a(c)(1)(i); and §60.5420a(c)(1)(iii) | I. Records of the following for each well completion operation conducted during the reporting period:<br>a. Well identification name<br>b. Well location (latitude and longitude to five (5) decimal degrees<br>c. API well number<br>d. Date and time of the onset of flowback following hydraulic fracturing or refracturing<br>e. Date and time of each attempt to direct flowback to a separator<br>f. Date and time of each occurrence of returning flowback liquid to well completion or storage vessels (e.g. infeasible to operate separator)<br>g. Date and time that well was shut in and flowback equipment permanently disconnected<br>h. Duration of flowback (hours)<br>i. Duration of gas recovery and type of recovery (hours)<br>j. Duration of combustion (hours)<br>k. Duration of venting and reason for venting in lieu of capture or combustion (hours) | See Attachment 1. |
| §60.5420a(b)(2)(ii); §60.5420a(c)(1)(ii); and §60.5420a(c)(2)(ii) | II. Records of deviations during the reporting period as specified in §60.5420a(c)(1)(ii). | No well affected facility deviations during the reporting period. |
| §60.5375a(f); §60.5420a(b)(2)(iii); §60.5420a(c)(1)(vii); and §60.5432a | III. Records that support a determination under §60.5432a that the well affected facility is a low pressure well. | No low pressure well designations during the reporting period |



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| Citation | Requirements | Data Location |
|---|---|---|
| ***Fugitive Emission Component Affected Facilities (BOTH WELL SITES AND COMPRESSOR STATIONS)*** | | |
| §60.5397a(h); and §60.5420a(b)(7)(i) through §60.5420a(b)(7)(xii) | l. For the collection of fugitive emission components at each well site and/or each compressor station within the company defined area, report for each monitoring survey:<br>a. Date of the survey<br>b. Beginning and end time of the survey<br>c. Name of the operator(s) performing survey<br>i. If the survey is performed by optical gas imaging, note the training and experience of the operator(s).<br>d. Ambient temperature, sky conditions, and maximum wind speed at the time of the survey<br>e. Monitoring instrument used<br>f. Any deviations, or a statement that there were no deviations, from the monitoring plan<br>g. Number and type of fugitive emissions components for which fugitive emissions were detected<br>h. Number and type of fugitive emissions components that were not repaired as required in §60.5397a(h)<br>i. Number and type of difficult-to-monitor and unsafe-to-monitor fugitive emissions components monitored<br>j. The date of successful repair of each identified fugitive emissions component<br>k. Number and type of fugitive emissions components placed on delay of repair and explanation for each delay of repair<br>l. Type of instrument used to resurvey a repaired fugitive emissions component that could not be repaired during the initial fugitive emissions finding | See Attachment 2. |



ED_004016I_00011513-00005

# Attachment 1

## Well Affected Facilities [§60.5420a(b)(2)]

***Well Affected Facilities***

**Table 1-A: Well Flowback Information**

| Well Name | Well Completion Operation Type | Location of the Well | API Well Number | Date | Time Start | Time End | Flowback Stage | Duration of Flowback[1] (hr/day) | Duration of Recovery to Flow Line[2] (hr/day) | Duration of Combustion (hr/day) | Duration of Venting (hr/day) | Reasons for Venting in Lieu of Capture or Combustion | Exception Claimed Under §60.5375a(a)(3) | Comments/Explanation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1C-19 | Routine Development | Lat: 70° 19' 28.24" N Long: 149° 29' 50.557" W | 5002923114900 | 9/15/2017 | 11:45 AM | 11:45 AM | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Once fluids reached the surface, production was immediately started. |
| 2A-26 | Routine Development | Lat: 70° 17' 36.924" N Long: 149° 59' 12.934" W | 501032057500 | 9/26/2017 | 2:30 PM | 2:30 PM | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Once fluids reached the surface, production was immediately started. |
| 2E-08 | Routine Development | Lat: 70° 15' 32.2164" N Long: 149° 45' 27.8892" W | 500292242800 | 11/9/2017 | 10:40 AM | 10:40 AM | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Once fluids reached the surface, production was immediately started. |
| 2K-30 | Routine Development | Lat: 70° 11' 40.589" N Long: 150° 4' 13.386" W | 501032075800 | 9/15/2017 | 4:40 AM | 4:40 AM | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Once fluids reached the surface, production was immediately started. |
| 2M-33 | Routine Development | Lat: 70° 16' 18.588" N Long: 150° 5' 43.4004" W | 501032024000 | 10/5/2017 | 12:17 PM | 12:17 PM | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Once fluids reached the surface, production was immediately started. |
| 3A-01 | Routine Development | Lat: 70° 24' 8.456" N Long: 149° 56' 25.289" W | 500292141200 | 12/24/2017 | 12:30 AM | 12:30 AM | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Once fluids reached the surface, production was immediately started. |

Notes:

1. If the daily "Duration of Flowback" is listed as "0.0", this indicates the well was shut-in for the entire day and no flowback occurred. If "Duration of Flowback" is non-zero, but recovery, combustion and venting are listed as "0.0", this indicates the well did not produce any gas.
2. Wildcat, delineation and low pressure wells are not required to reporting the Duration of Recovery to Flow Line [§60.5420a(c)(1)(iii)(B)]



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# Attachment 2

## Fugitive Emission Component Affected Facilities [§60.5420a(b)(7)]

ConocoPhillips Alaska

**Table 2-A: Fugitive Emission Component Affected Facility Records**

| | | | | | | | For OGI Camera Only | | Survey Conditions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Site No. | Location Name | Date of Survey | Survey Start Time | Survey End Time | Name of Survey Operator | Survey Instrument | Operator Has Company Specific OGI Training? | Duration of Operator OGI Camera Experience | Ambient Temperature (°F) | Maximum Wind Speed (MPH) | Sky Conditions |
| 1 | 1A | 2/9/2018 | 15:30 | 17:15 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath<br>Adam Tafova | OGI Camera | Yes | 1 year<br>1 year<br>10 months<br>3 months | 0 | 3 | Clear |
| 2 | 1B | 4/30/2017 | 7:33 | 9:05 | Dan Nielson | OGI Camera | Yes | 1 month | 15 | 15 | Overcast |
| | | 5/6/2017 | 10:00 | 10:45 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 23 | 10 | Overcast |
| | | 9/30/2017 | 6:00 | 7:30 | Bobby Phillips | OGI Camera | Yes | 2 months | 34 | 6.5 | Overcast/Light Snow |
| | | 10/1/2017 | 6:00 | 7:00 | Bobby Phillips | OGI Camera | Yes | 2 months | 42 | 7 | Overcast |
| 3 | 1C | 5/10/2017 | 10:00 | 13:30 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath<br>Jason Solsvig | OGI Camera | Yes | 3 months<br>3 months<br><1 month<br><1 month | 23 | 8 | Overcast |
| | | 9/22/2017 | 18:00 | 20:00 | Terry Kincaid | OGI Camera | Yes | 7 months | 36 | 11 | Overcast |
| 4 | 1D | 2/4/2018 | 9:00 | 11:00 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath<br>Adam Tafova | OGI Camera | Yes | 1 year<br>1 year<br>10 months<br>3 months | 0 | 2 | Clear |
| 5 | 1E | 5/9/2017 | 9:00 | 14:45 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath<br>Ryan Thrapp | OGI Camera | Yes | 3 months<br>3 months<br><1 month<br>1 month | 23 | 8 | Overcast |
| | | 10/7/2017 | 18:00 | 20:30 | Bobby Phillips | OGI Camera | Yes | 2 months | 40 | 8 | Partly Cloudy |
| | | 10/8/2017 | 18:00 | 19:30 | Bobby Phillips | OGI Camera | Yes | 2 months | 33 | 5 | Overcast |
| 6 | 1G | 4/30/2017 | 9:10 | 10:15 | Dan Nielson | OGI Camera | Yes | 1 month | 15 | 15 | Clear |
| | | 5/6/2017 | 11:00 | 12:00 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 21 | 10 | Overcast |
| | | 9/25/2017 | 17:50 | 20:00 | Terry Kincaid | OGI Camera | Yes | 7 months | 34 | 7 | Overcast |
| 7 | 1H | 5/7/2017 | 14:45 | 16:15 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 25 | 11 | Overcast |
| | | 10/20/2017 | 17:50 | 20:00 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 8 months<br>8 months | 7 | 10 | Overcast |
| 8 | 1L | 5/8/2017 | 14:30 | 16:45 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath<br>Ryan Thrapp | OGI Camera | Yes | 3 months<br>3 months<br><1 month<br>1 month | 35 | 2 | Overcast |
| | | 10/4/2017 | 18:00 | 20:00 | Bobby Phillips | OGI Camera | Yes | 2 months | 34 | 6 | Partly Cloudy/Light Fog |
| 9 | 2A | 9/6/2017 | 12:30 | 15:30 | Bobby Phillips | OGI Camera | Yes | 1 month | 39 | 18 | Overcast/Windy |
| | | 9/7/2017 | 12:20 | 13:00 | Bobby Phillips | OGI Camera | Yes | 1 month | 46 | 7 | Overcast |
| 10 | 2B | 4/30/2017 | 12:15 | 13:30 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 month<br>3 month | 8 | 10 | Clear |
| | | 9/7/2017 | 15:30 | 16:15 | Bobby Phillips | OGI Camera | Yes | 1 month | 43 | 8 | Overcast |
| 11 | 2E | 4/30/2017 | 13:45 | 14:30 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 month<br>3 month | 10 | 12 | Clear |
| | | 9/11/2017 | 12:20 | 14:15 | Bobby Phillips | OGI Camera | Yes | 1 month | 46 | 3 | Overcast |
| 12 | 2G | 1/15/2018 | 8:20 | 10:15 | Jeff Chovanak<br>Terry Kincaid<br>Adam Tafova | OGI Camera | Yes | 11 months<br>11 months<br>2 months | 2 | 4 | Overcast |
| 13 | 2K | 4/30/2017 | 9:30 | 11:00 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 month<br>3 month | 6 | 10 | Clear |
| | | 9/18/2017 | 13:40 | 15:50 | Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 7 months<br>7 months | 37 | 6 | Overcast |

ConocoPhillips Alaska

**Table 2-A: Fugitive Emission Component Affected Facility Records**

| | | | | | | | For OGI Camera Only | | Survey Conditions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Site No. | Location Name | Date of Survey | Survey Start Time | Survey End Time | Name of Survey Operator | Survey Instrument | Operator Has Company Specific OGI Training? | Duration of Operator OGI Camera Experience | Ambient Temperature (°F) | Maximum Wind Speed (MPH) | Sky Conditions |
| 14 | 2M | 4/29/2017 | 9:00 | 10:30 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 month<br>3 month | 4 | 11 | Clear |
| | | 9/13/2017 | 12:15 | 15:00 | Bobby Phillips | OGI Camera | Yes | 1 month | 56 | 7 | Partly Cloudy |
| 15 | 2S | 4/28/2017 | 15:30 | 17:15 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 month<br>3 month | 6 | 13 | Clear |
| | | 9/2/2017 | 12:40 | 15:00 | Bobby Phillips | OGI Camera | Yes | 1 month | 46 | 7 | Overcast |
| 16 | 2T | 4/29/2017 | 10:45 | 12:00 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 month<br>3 month | 6 | 13 | Clear |
| | | 9/3/2017 | 12:30 | 15:45 | Bobby Phillips | OGI Camera | Yes | 1 month | 54 | 2 | Clear |
| 17 | 2X | 4/29/2017 | 13:00 | 14:30 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 month<br>3 month | 8 | 13 | Clear |
| | | 9/4/2017 | 12:15 | 15:00 | Bobby Phillips | OGI Camera | Yes | 1 month | 42 | 18.4 | Overcast/Foggy |
| | | 9/5/2017 | 12:15 | 12:50 | Bobby Phillips | OGI Camera | Yes | 1 month | 42 | 5 | Overcast |
| 18 | 2Z | 5/1/2017 | 8:00 | 10:00 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 month<br>3 month | 8 | 7 | Clear |
| | | 9/5/2017 | 13:00 | 16:00 | Bobby Phillips | OGI Camera | Yes | 1 month | 46 | 3 | Overcast |
| 19 | 3A | 5/3/2017 | 15:30 | 16:45 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 16 | 14 | Clear |
| | | 9/15/2017 | 18:00 | 19:30 | Terry Kincaid | OGI Camera | Yes | 7 months | 41 | 10 | Overcast |
| 20 | 3F | 5/5/2017 | 15:50 | 17:00 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 23 | 10 | Clear |
| | | 10/15/2017 | 18:00 | 19:00 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 8 months<br>8 months | 23 | 8 | Clear |
| 21 | 3G | 5/5/2017 | 15:40 | 17:00 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 23 | 10 | Overcast |
| | | 10/22/2017 | 18:00 | 19:30 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 8 months<br>8 months | 8 | 1 | Overcast |
| 22 | 3H | 5/3/2017 | 13:45 | 15:20 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 16 | 13 | Clear |
| | | 10/25/2017 | 18:00 | 19:45 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 8 months<br>8 months | 2 | 6 | Overcast |
| 23 | 3K | 5/4/2017 | 15:45 | 16:45 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 20 | 9 | Overcast |
| | | 10/12/2017 | 17:30 | 20:30 | Bobby Phillips | OGI Camera | Yes | 2 months | 31 | 6 | Overcast/Light Fog |
| 24 | 3M | 5/4/2017 | 14:00 | 15:30 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 19 | 8 | Overcast |
| | | 10/9/2017 | 17:30 | 19:45 | Bobby Phillips | OGI Camera | Yes | 2 months | 42 | 3.5 | Partly Cloudy |
| 25 | 3N | 5/2/2017 | 13:00 | 14:45 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 month<br>3 month | 15 | 12 | Overcast |
| | | 9/24/2017 | 17:55 | 19:30 | Terry Kincaid | OGI Camera | Yes | 7 months | 34 | 8 | Overcast |
| 26 | 3O | 5/2/2017 | 15:00 | 16:30 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 months<br>3 months | 15 | 12 | Overcast |
| | | 9/27/2017 | 17:55 | 20:00 | Terry Kincaid | OGI Camera | Yes | 7 months | 36 | 7 | Clear |
| 27 | 3Q | 5/1/2017 | 15:30 | 16:45 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 months<br>3 months | 12 | 12 | Clear |
| | | 9/20/2017 | 18:00 | 20:00 | Terry Kincaid | OGI Camera | Yes | 7 months | 35 | 10 | Overcast |
| 28 | 3R | 5/1/2017 | 14:00 | 15:30 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 3 months<br>3 months | 13 | 12 | Clear |
| | | 9/17/2017 | 17:50 | 19:15 | Terry Kincaid | OGI Camera | Yes | 7 months | 36 | 14 | Overcast |

ConocoPhillips Alaska

**Table 2-A: Fugitive Emission Component Affected Facility Records**

| | | | | | | | For OGI Camera Only | | Survey Conditions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Site No. | Location Name | Date of Survey | Survey Start Time | Survey End Time | Name of Survey Operator | Survey Instrument | Operator Has Company Specific OGI Training? | Duration of Operator OGI Camera Experience | Ambient Temperature (°F) | Maximum Wind Speed (MPH) | Sky Conditions |
| 29 | 3S | 5/6/2017 | 15:00 | 16:30 | Jeff Chovanak<br>Terry Kincaid<br>Russ Galbriath | OGI Camera | Yes | 3 months<br>3 months<br><1 month | 23 | 10 | Overcast |
| | | 10/23/2017 | 17:55 | 19:00 | Jeff Chovanak<br>Terry Kincaid | OGI Camera | Yes | 8 months<br>8 months | 6 | 2 | Clear |

**Table 2-B: Fugitive Emission Component Affected Facility Monitoring Survey Records**

| Well Site No. | Component Type Found Leaking | Count of Leaking Components Found | Count of Components Placed on Delay of Repair | Count of Components Repaired and Resurveyed During Intial Finding | Count of Components NOT Repaired per §60.5397a(h) | Count of Difficult-to-Monitor Components Surveyed | Count of Unsafe-to-Monitor Components Surveyed |
|---|---|---|---|---|---|---|---|
| 1 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 0 | 0 | 0 | 0 | 0 | 0 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 0 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 1 | 0 | 1 | 0 | 0 | 0 |
| 2 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 1 | 0 | 0 | 0 |
| | Flange | 1 | 0 | 0 | 0 | 0 | 0 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 0 | 1 | 0 | 0 | 0 | 0 |
| 3 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 2 | 0 | 0 | 0 | 0 | 34 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 28 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 3 | 0 | 1 | 0 | 0 | 105 |
| | Pressure Relief Device | 1 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 6 | 0 | 1 | 0 | 0 | 182 |
| 4 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 0 | 0 | 0 | 0 | 0 | 12 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 21 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 4 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 4 | 1 | 0 | 0 | 0 | 28 |

**Table 2-B: Fugitive Emission Component Affected Facility Monitoring Survey Records**

| Well Site No. | Component Type Found Leaking | Count of Leaking Components Found | Count of Components Placed on Delay of Repair | Count of Components Repaired and Resurveyed During Intial Finding | Count of Components NOT Repaired per §60.5397a(h) | Count of Difficult-to-Monitor Components Surveyed | Count of Unsafe-to-Monitor Components Surveyed |
|---|---|---|---|---|---|---|---|
| 5 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 3 | 0 | 2 | 0 | 0 | 10 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 28 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 3 | 0 | 1 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 9 | 0 | 1 | 0 | 0 | 23 |
| 6 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 0 | 0 | 0 | 0 | 0 | 0 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 41 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 3 | 0 | 3 | 0 | 0 | 18 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 4 | 0 | 2 | 0 | 0 | 5 |
| 7 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 2 | 2 | 0 | 0 | 0 | 0 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 0 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 4 | 0 | 3 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 7 | 3 | 3 | 0 | 0 | 0 |
| 8 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 6 | 0 | 2 | 0 | 0 | 4 |
| | Flange | 1 | 1 | 0 | 0 | 0 | 3 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 3 | 0 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 9 | 1 | 4 | 0 | 0 | 7 |

**Table 2-B: Fugitive Emission Component Affected Facility Monitoring Survey Records**

| Well Site No. | Component Type Found Leaking | Count of Leaking Components Found | Count of Components Placed on Delay of Repair | Count of Components Repaired and Resurveyed During Intial Finding | Count of Components NOT Repaired per §60.5397a(h) | Count of Difficult-to-Monitor Components Surveyed | Count of Unsafe-to-Monitor Components Surveyed |
|---|---|---|---|---|---|---|---|
| 9 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 5 | 0 | 3 | 0 | 0 | 0 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 0 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 5 | 0 | 3 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 7 | 2 | 1 | 0 | 0 | 0 |
| 10 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 0 | 0 | 0 | 10 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 11 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 9 | 3 | 3 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 13 | 4 | 8 | 0 | 0 | 21 |
| 11 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 1 | 0 | 0 | 6 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 18 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 1 | 0 | 0 | 0 | 0 | 9 |
| 12 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 1 | 0 | 0 | 3 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 12 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 1 | 0 | 1 | 0 | 0 | 7 |
| | Pressure Relief Device | 1 | 0 | 1 | 0 | 0 | 0 |
| | Valve | 10 | 0 | 7 | 0 | 0 | 3 |

**Table 2-B: Fugitive Emission Component Affected Facility Monitoring Survey Records**

| Well Site No. | Component Type Found Leaking | Count of Leaking Components Found | Count of Components Placed on Delay of Repair | Count of Components Repaired and Resurveyed During Intial Finding | Count of Components NOT Repaired per §60.5397a(h) | Count of Difficult-to-Monitor Components Surveyed | Count of Unsafe-to-Monitor Components Surveyed |
|---|---|---|---|---|---|---|---|
| 13 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 2 | 1 | 1 | 0 | 0 | 0 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 1 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 9 | 0 | 8 | 0 | 0 | 3 |
| 14 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 1 | 0 | 0 | 11 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 60 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 3 | 1 | 0 | 0 | 0 | 28 |
| | Pressure Relief Device | 1 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 4 | 0 | 4 | 0 | 0 | 34 |
| 15 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 1 | 0 | 0 | 19 |
| | Flange | 3 | 0 | 1 | 0 | 0 | 38 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 6 | 0 | 5 | 0 | 0 | 55 |
| 16 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 6 | 0 | 4 | 0 | 0 | 46 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 133 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 2 | 1 | 1 | 0 | 0 | 21 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 12 | 2 | 2 | 0 | 0 | 72 |

**Table 2-B: Fugitive Emission Component Affected Facility Monitoring Survey Records**

| Well Site No. | Component Type Found Leaking | Count of Leaking Components Found | Count of Components Placed on Delay of Repair | Count of Components Repaired and Resurveyed During Intial Finding | Count of Components NOT Repaired per §60.5397a(h) | Count of Difficult-to-Monitor Components Surveyed | Count of Unsafe-to-Monitor Components Surveyed |
|---|---|---|---|---|---|---|---|
| 17 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 2 | 0 | 2 | 0 | 0 | 0 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 3 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 7 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 17 | 6 | 10 | 0 | 0 | 1 |
| 18 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 3 | 0 | 1 | 0 | 0 | 14 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 33 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 3 | 0 | 1 | 0 | 0 | 5 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 9 | 3 | 3 | 0 | 0 | 32 |
| 19 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 0 | 0 | 0 | 0 | 0 | 0 |
| | Flange | 1 | 0 | 0 | 0 | 0 | 0 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 2 | 0 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 6 | 0 | 0 | 3 | 0 | 0 |
| 20 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 0 | 0 | 0 | 0 | 0 | 2 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 11 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 1 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 4 | 0 | 2 | 0 | 0 | 10 |

**Table 2-B: Fugitive Emission Component Affected Facility Monitoring Survey Records**

| Well Site No. | Component Type Found Leaking | Count of Leaking Components Found | Count of Components Placed on Delay of Repair | Count of Components Repaired and Resurveyed During Intial Finding | Count of Components NOT Repaired per §60.5397a(h) | Count of Difficult-to-Monitor Components Surveyed | Count of Unsafe-to-Monitor Components Surveyed |
|---|---|---|---|---|---|---|---|
| 21 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 1 | 0 | 0 | 0 | 0 |
| | Flange | 2 | 0 | 1 | 0 | 0 | 0 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 4 | 0 | 2 | 0 | 0 | 0 |
| | Pressure Relief Device | 2 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 6 | 3 | 1 | 0 | 0 | 0 |
| 22 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 2 | 0 | 0 | 0 | 0 | 28 |
| | Flange | 1 | 0 | 1 | 0 | 0 | 15 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 1 | 1 | 0 | 0 | 0 | 1 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 4 | 0 | 1 | 0 | 0 | 40 |
| 23 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 1 | 0 | 0 | 14 |
| | Flange | 1 | 0 | 0 | 0 | 0 | 0 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 5 |
| | Other | 6 | 0 | 6 | 0 | 0 | 2 |
| | Pressure Relief Device | 1 | 0 | 1 | 0 | 0 | 0 |
| | Valve | 11 | 0 | 4 | 0 | 0 | 21 |
| 24 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 4 | 0 | 3 | 0 | 0 | 10 |
| | Flange | 2 | 0 | 0 | 1 | 0 | 8 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 7 | 0 | 0 | 0 | 0 | 20 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 3 |
| | Valve | 4 | 0 | 2 | 0 | 0 | 87 |

**Table 2-B: Fugitive Emission Component Affected Facility Monitoring Survey Records**

| Well Site No. | Component Type Found Leaking | Count of Leaking Components Found | Count of Components Placed on Delay of Repair | Count of Components Repaired and Resurveyed During Intial Finding | Count of Components NOT Repaired per §60.5397a(h) | Count of Difficult-to-Monitor Components Surveyed | Count of Unsafe-to-Monitor Components Surveyed |
|---|---|---|---|---|---|---|---|
| 25 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 5 | 4 | 0 | 0 | 0 | 2 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 18 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 3 | 3 | 0 | 0 | 0 | 13 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 7 | 1 | 4 | 0 | 0 | 2 |
| 26 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 0 | 0 | 0 | 0 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 0 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 1 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 5 | 0 | 4 | 0 | 0 | 0 |
| 27 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 6 | 0 | 4 | 1 | 0 | 0 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 14 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 6 |
| | Pressure Relief Device | 0 | 0 | 0 | 1 | 0 | 0 |
| | Valve | 9 | 1 | 6 | 0 | 0 | 0 |
| 28 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 1 | 0 | 0 | 0 |
| | Flange | 0 | 0 | 0 | 0 | 0 | 0 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 2 | 1 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 1 | 0 | 1 | 0 | 0 | 0 |

**Table 2-B: Fugitive Emission Component Affected Facility Monitoring Survey Records**

| Well Site No. | Component Type Found Leaking | Count of Leaking Components Found | Count of Components Placed on Delay of Repair | Count of Components Repaired and Resurveyed During Intial Finding | Count of Components NOT Repaired per §60.5397a(h) | Count of Difficult-to-Monitor Components Surveyed | Count of Unsafe-to-Monitor Components Surveyed |
|---|---|---|---|---|---|---|---|
| 29 | Compressor | 0 | 0 | 0 | 0 | 0 | 0 |
| | Connector | 1 | 0 | 0 | 0 | 0 | 2 |
| | Flange | 1 | 0 | 0 | 0 | 0 | 11 |
| | Open-Ended Line | 0 | 0 | 0 | 0 | 0 | 0 |
| | Other | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pressure Relief Device | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valve | 4 | 0 | 0 | 0 | 0 | 0 |

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**Table 2-C: Fugitive Emission Component Affected Facility Reasons for Delay of Repair**

| Well Site No. | Component Type Placed on Delay of Repair | Reason for Each Delay of Repair |
|---|---|---|
| 4 | Valve | Gas Lift header shutdown |
| 7 | Valve | Line heater shutdown |
| 7 | Connector | Line heater shutdown |
| 7 | Valve | Line heater shutdown |
| 7 | Valve | Line heater shutdown |
| 7 | Connector | Line heater shutdown |
| 8 | Flange | Gas Lift header shutdown |
| 8 | Valve | Gas Lift header shutdown |
| 9 | Valve | Well shutdown |
| 9 | Valve | Well shutdown |
| 10 | Valve | Well shutdown |
| 10 | Other | Well shutdown |
| 10 | Other | Well shutdown |
| 10 | Other | Well shutdown |
| 10 | Valve | Line heater shutdown |
| 10 | Valve | Line heater shutdown |
| 10 | Valve | Line heater shutdown |
| 13 | Connector | Line heater shutdown |
| 14 | Other | Line heater shutdown |
| 16 | Valve | Well shutdown |
| 16 | Other | Well shutdown |
| 16 | Valve | Line heater shutdown |
| 17 | Valve | Well shutdown |
| 17 | Valve | Line heater shutdown |
| 17 | Valve | Line heater shutdown |
| 17 | Valve | Well shutdown |
| 17 | Valve | Line heater shutdown |
| 17 | Valve | Test separator shutdown |
| 18 | Valve | Line heater shutdown |
| 18 | Valve | Line heater shutdown |
| 18 | Valve | Well shutdown |
| 21 | Connector | Line heater shutdown |
| 21 | Valve | Gas Lift header shutdown |
| 21 | Valve | Gas Lift header shutdown |
| 21 | Other | Well shutdown |
| 25 | Other | Well shutdown |
| 25 | Other | Well shutdown |
| 25 | Connector | Well shutdown |
| 25 | Connector | Well shutdown |
| 25 | Connector | Well shutdown |
| 25 | Connector | Well shutdown |
| 25 | Other | Well shutdown |
| 25 | Valve | Well site shutdown |
| 27 | Valve | Line heater shutdown |
| 28 | Other | Gas Lift header shutdown |

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**Table 2-D: Fugitive Emission Component Affected Facility Emission Monitoring Plan (EMP) Deviations**

| Well Site No. | Describe Deviation(s) |
|---|---|
| 2 | For one day of the survey, a digital photograph was not taken. |
| 3 | For 9 leak locations, resurvey documentation does not have a digital photograph. |
| 6 | For one leak location, resurvey documentation does not have a digital photograph. |
| 7 | For 7 leak locations, resurvey documentation does not have a digital photograph. |
| 8 | For 9 leak locations, resurvey documentation does not have a digital photograph. |
| 9 | For one leak location, resurvey documentation does not have a date on the digital photograph. |
| 10 | For six leak locations, resurvey documentation does not have a date on the digital photograph. |
| 11 | For one leak location, resurvey documentation does not have a date on the digital photograph. |
| 13 | For one leak location, resurvey documentation does not have a date on the digital photograph. |
| 14 | For three leak locations, resurvey documentation does not have a date on the digital photograph. |
| 16 | For two leak locations, resurvey documentation does not have a date on the digital photograph. |
| 17 | For three leak locations, resurvey documentation does not have a date on the digital photograph. |
| 18 | For five leak locations, resurvey documentation does not have a date on the digital photograph. |
| 19 | For three leak locations, repair was not completed 30 days after initial survey. |
| 22 | For three leak locations, resurvey documentation has no GPS coordinates. |
| 23 | For one leak location, a leak tag was removed before resurvey. |
| 24 | For one leak location, repair was not completed 30 days after initial survey. |
| 26 | For two leak locations, repair was not completed 30 days after initial survey. |
| 27 | For one leak location, repair was not completed 30 days after initial survey. |

**Table 2-E: Fugitive Emission Component Affected Facility Repair and Resurvey Records**

| Well Site No. | Component Type Found Leaking | Leak Tag ID | Date of Successful Repair | Resurvey Instrument |
|---|---|---|---|---|
| 1 | Valve | DS1A-OOOOa-2018-1A-0001 | 2/9/2018 | OGI Camera |
| 2 | Flange | DS1B-OOOOa-2017-0013 | 10/1/2017 | OGI Camera |
| 2 | Connector | DS1B-OOOOa-2017-0801 | 4/30/2017 | OGI Camera |
| 3 | Other | DS1C-OOOOa-2017-0265 | 5/17/2017 | Method 21 (Soap solution) |
| 3 | Other | DS1C-OOOOa-2017-0266 | 5/18/2017 | Method 21 (Soap solution) |
| 3 | Pressure Relief Device | DS1C-OOOOa-2017-0267 | 5/18/2017 | Method 21 (Soap solution) |
| 3 | Valve | DS1C-OOOOa-2017-0337 | 10/1/2017 | OGI Camera |
| 3 | Valve | DS1C-OOOOa-2017-0363 | 5/18/2017 | Method 21 (Soap solution) |
| 3 | Valve | DS1C-OOOOa-2017-0364 | 5/18/2017 | Method 21 (Soap solution) |
| 3 | Valve | DS1C-OOOOa-2017-0365 | 5/18/2017 | Method 21 (Soap solution) |
| 3 | Connector | DS1C-OOOOa-2017-0366 | 5/18/2017 | Method 21 (Soap solution) |
| 3 | Valve | DS1C-OOOOa-2017-0367 | 5/28/2017 | Method 21 (Soap solution) |
| 3 | Other | DS1C-OOOOa-2017-1C-1001 | 9/22/2017 | OGI Camera |
| 3 | Valve | DS1C-OOOOa-2017-1C-1002 | 9/22/2017 | OGI Camera |
| 3 | Connector | DS1C-OOOOa-2017-OGI-201 | 5/18/2017 | Method 21 (Soap solution) |
| 4 | Valve | DS1D-OOOOa-2018-0006 | 2/11/2018 | OGI Camera |
| 4 | Valve | DS1D-OOOOa-2018-0221 | Pending | - |
| 4 | Valve | DS1D-OOOOa-2018-0222 | 2/12/2018 | OGI Camera |
| 4 | Valve | DS1D-OOOOa-2018-1D-0001 | 2/9/2018 | OGI Camera |
| 5 | Other | DS1E-OOOOa-2017-0014 | 10/11/2017 | OGI Camera |
| 5 | Valve | DS1E-OOOOa-2017-0015 | 10/11/2017 | OGI Camera |
| 5 | Valve | DS1E-OOOOa-2017-0016 | 10/11/2017 | OGI Camera |
| 5 | Other | DS1E-OOOOa-2017-0017 | 10/11/2017 | OGI Camera |
| 5 | Valve | DS1E-OOOOa-2017-0023 | 10/11/2017 | OGI Camera |
| 5 | Valve | DS1E-OOOOa-2017-0024 | 10/11/2017 | OGI Camera |
| 5 | Valve | DS1E-OOOOa-2017-0025 | 10/11/2017 | OGI Camera |
| 5 | Valve | DS1E-OOOOa-2017-0040 | 10/12/2017 | OGI Camera |
| 5 | Valve | DS1E-OOOOa-2017-0083 | 10/11/2017 | OGI Camera |
| 5 | Valve | DS1E-OOOOa-2017-0092 | 10/11/2017 | OGI Camera |
| 5 | Connector | DS1E-OOOOa-2017-0362 | 5/14/2017 | OGI Camera |
| 5 | Other | DS1E-OOOOa-2017-1E-1000 | 10/7/2017 | OGI Camera |
| 5 | Connector | DS1E-OOOOa-2017-1E-1001 | 10/7/2017 | OGI Camera |
| 5 | Valve | DS1E-OOOOa-2017-1E-1002 | 10/7/2017 | OGI Camera |
| 5 | Connector | DS1E-OOOOa-2017-1E-1003 | 10/8/2017 | OGI Camera |
| 6 | Valve | DS1G-OOOOa-2017-0029 | 9/29/2017 | OGI Camera |
| 6 | Valve | DS1G-OOOOa-2017-0067 | 5/18/2017 | Method 21 (Soap solution) |
| 6 | Other | DS1G-OOOOa-2017-1G-1000 | 9/25/2017 | OGI Camera |
| 6 | Other | DS1G-OOOOa-2017-1G-1001 | 9/25/2017 | OGI Camera |
| 6 | Valve | DS1G-OOOOa-2017-1G-1002 | 9/25/2017 | OGI Camera |
| 6 | Other | DS1G-OOOOa-2017-1G-1003 | 9/25/2017 | OGI Camera |
| 6 | Valve | DS1G-OOOOa-2017-1G-1004 | 9/25/2017 | OGI Camera |
| 7 | Valve | DS1H-OOOOa-2017-0044 | 7/16/2017 | Method 21 (Soap solution) |
| 7 | Valve | DS1H-OOOOa-2017-0069 | 5/18/2017 | Method 21 (Soap solution) |
| 7 | Other | DS1H-OOOOa-2017-0071 | 5/18/2017 | Method 21 (Soap solution) |
| 7 | Connector | DS1H-OOOOa-2017-0072 | 7/16/2017 | Method 21 (Soap solution) |
| 7 | Valve | DS1H-OOOOa-2017-0073 | 7/16/2017 | Method 21 (Soap solution) |
| 7 | Valve | DS1H-OOOOa-2017-0074 | 7/16/2017 | Method 21 (Soap solution) |
| 7 | Connector | DS1H-OOOOa-2017-0082 | 7/16/2017 | Method 21 (Soap solution) |
| 7 | Other | DS1H-OOOOa-2017-1H-1000 | 10/20/2017 | OGI Camera |

**Table 2-E: Fugitive Emission Component Affected Facility Repair and Resurvey Records**

| Well Site No. | Component Type Found Leaking | Leak Tag ID | Date of Successful Repair | Resurvey Instrument |
|---|---|---|---|---|
| 7 | Valve | DS1H-OOOOa-2017-1H-1001 | 10/20/2017 | OGI Camera |
| 7 | Other | DS1H-OOOOa-2017-1H-1002 | 10/20/2017 | OGI Camera |
| 7 | Valve | DS1H-OOOOa-2017-1H-1003 | 10/20/2017 | OGI Camera |
| 7 | Valve | DS1H-OOOOa-2017-1H-1004 | 10/20/2017 | OGI Camera |
| 7 | Other | DS1H-OOOOa-2017-1H-1005 | 10/20/2017 | OGI Camera |
| 8 | Flange | DS1L-OOOOa-2017-0020 | Pending | - |
| 8 | Valve | DS1L-OOOOa-2017-0038 | 10/8/2017 | OGI Camera |
| 8 | Connector | DS1L-OOOOa-2017-0041 | 10/8/2017 | OGI Camera |
| 8 | Connector | DS1L-OOOOa-2017-0357 | 5/18/2017 | Method 21 (Soap solution) |
| 8 | Connector | DS1L-OOOOa-2017-0358 | 5/18/2017 | Method 21 (Soap solution) |
| 8 | Valve | DS1L-OOOOa-2017-0359 | Pending | - |
| 8 | Other | DS1L-OOOOa-2017-0360 | 5/18/2017 | Method 21 (Soap solution) |
| 8 | Valve | DS1L-OOOOa-2017-0361 | 5/18/2017 | Method 21 (Soap solution) |
| 8 | Other | DS1L-OOOOa-2017-0395 | 5/18/2017 | Method 21 (Soap solution) |
| 8 | Other | DS1L-OOOOa-2017-0396 | 5/18/2017 | Method 21 (Soap solution) |
| 8 | Connector | DS1L-OOOOa-2017-0399 | 5/18/2017 | Method 21 (Soap solution) |
| 8 | Valve | DS1L-OOOOa-2017-0400 | 5/18/2017 | Method 21 (Soap solution) |
| 8 | Valve | DS1L-OOOOa-2017-1L-1000 | 10/4/2017 | OGI Camera |
| 8 | Connector | DS1L-OOOOa-2017-1L-1001 | 10/4/2017 | OGI Camera |
| 8 | Connector | DS1L-OOOOa-2017-1L-1002 | 10/4/2017 | OGI Camera |
| 8 | Valve | DS1L-OOOOa-2017-1L-1003 | 10/4/2017 | OGI Camera |
| 8 | Valve | DS1L-OOOOa-2017-1L-1004 | 10/4/2017 | OGI Camera |
| 8 | Valve | DS1L-OOOOa-2017-1L-1005 | 10/4/2017 | OGI Camera |
| 8 | Valve | DS1L-OOOOa-2017-OGI-201 | 5/18/2017 | Method 21 (Soap solution) |
| 9 | Valve | DS2A-OOOOa-2017-0009 | 9/25/2017 | Method 21 (Soap solution) |
| 9 | Other | DS2A-OOOOa-2017-0010 | 9/25/2017 | Method 21 (Soap solution) |
| 9 | Valve | DS2A-OOOOa-2017-0011 | 9/25/2017 | Method 21 (Soap solution) |
| 9 | Connector | DS2A-OOOOa-2017-0012 | 9/29/2017 | Method 21 (Soap solution) |
| 9 | Valve | DS2A-OOOOa-2017-0018 | 9/20/2017 | Method 21 (Soap solution) |
| 9 | Other | DS2A-OOOOa-2017-0019 | 9/18/2017 | Method 21 (Soap solution) |
| 9 | Connector | DS2A-OOOOa-2017-0021 | 9/18/2017 | Method 21 (Soap solution) |
| 9 | Valve | DS2A-OOOOa-2017-0263 | 9/25/2017 | Method 21 (Soap solution) |
| 9 | Valve | DS2A-OOOOa-2017-0326 | 9/25/2017 | Method 21 (Soap solution) |
| 9 | Valve | DS2A-OOOOa-2017-0347 | 9/20/2017 | Method 21 (Soap solution) |
| 9 | Other | DS2A-OOOOa-2017-1000 | 9/6/2017 | OGI Camera |
| 9 | Other | DS2A-OOOOa-2017-1001 | 9/6/2017 | OGI Camera |
| 9 | Other | DS2A-OOOOa-2017-1002 | 9/6/2017 | OGI Camera |
| 9 | Connector | DS2A-OOOOa-2017-1003 | 9/6/2017 | OGI Camera |
| 9 | Connector | DS2A-OOOOa-2017-1004 | 9/6/2017 | OGI Camera |
| 9 | Valve | DS2A-OOOOa-2017-1005 | 9/6/2017 | OGI Camera |
| 9 | Connector | DS2A-OOOOa-2017-1006 | 9/6/2017 | OGI Camera |
| 10 | Other | DS2B-OOOOa-2017-0054 | 5/11/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-0055 | 9/7/2017 | OGI Camera |
| 10 | Other | DS2B-OOOOa-2017-0056 | 9/20/2017 | Method 21 (Soap solution) |
| 10 | Other | DS2B-OOOOa-2017-0057 | 9/20/2017 | Method 21 (Soap solution) |
| 10 | Other | DS2B-OOOOa-2017-0058 | 11/28/2017 | Method 21 (Soap solution) |
| 10 | Other | DS2B-OOOOa-2017-0059 | 5/11/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-0060 | 5/31/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-0061 | 5/31/2017 | OGI Camera |

**Table 2-E: Fugitive Emission Component Affected Facility Repair and Resurvey Records**

| Well Site No. | Component Type Found Leaking | Leak Tag ID | Date of Successful Repair | Resurvey Instrument |
|---|---|---|---|---|
| 10 | Valve | DS2B-OOOOa-2017-0075 | Pending | - |
| 10 | Connector | DS2B-OOOOa-2017-0330 | 9/16/2017 | Method 21 (Soap solution) |
| 10 | Other | DS2B-OOOOa-2017-0331 | 9/20/2017 | Method 21 (Soap solution) |
| 10 | Valve | DS2B-OOOOa-2017-0340 | 9/28/2017 | Method 21 (Soap solution) |
| 10 | Other | DS2B-OOOOa-2017-2B-1000 | 9/7/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-2B-1001 | 9/7/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-2B-1002 | 9/7/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-2B-1003 | 9/7/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-2B-1004 | 9/7/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-2B-1005 | 9/7/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-2B-1006 | 9/7/2017 | OGI Camera |
| 10 | Other | DS2B-OOOOa-2017-2B-1007 | 9/7/2017 | OGI Camera |
| 10 | Other | DS2B-OOOOa-2017-OGI-01 | 4/30/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-OGI-02 | 4/30/2017 | OGI Camera |
| 10 | Valve | DS2B-OOOOa-2017-OGI-03 | 4/30/2017 | OGI Camera |
| 11 | Valve | DS2E-OOOOa-2017-0339 | 9/30/2017 | Method 21 (Soap solution) |
| 11 | Connector | DS2E-OOOOa-2017-2E-1000 | 9/11/2017 | OGI Camera |
| 12 | Valve | DS2G-OOOOa-2018-0026 | 1/25/2018 | Method 21 (Soap solution) |
| 12 | Valve | DS2G-OOOOa-2018-0027 | 1/25/2018 | Method 21 (Soap solution) |
| 12 | Valve | DS2G-OOOOa-2018-0028 | 1/25/2018 | Method 21 (Soap solution) |
| 12 | Valve | DS2G-OOOOa-2018-0218 | 1/16/2018 | OGI Camera |
| 12 | Valve | DS2G-OOOOa-2018-0219 | 1/16/2018 | OGI Camera |
| 12 | Valve | DS2G-OOOOa-2018-0223 | 1/16/2018 | OGI Camera |
| 12 | Valve | DS2G-OOOOa-2018-0224 | 1/16/2018 | OGI Camera |
| 12 | Valve | DS2G-OOOOa-2018-0225 | 1/16/2018 | OGI Camera |
| 12 | Connector | DS2G-OOOOa-2018-0260 | 1/16/2018 | OGI Camera |
| 12 | Pressure Relief Device | DS2G-OOOOa-2018-0290 | 1/16/2018 | OGI Camera |
| 12 | Valve | DS2G-OOOOa-2018-0354 | 1/16/2018 | OGI Camera |
| 12 | Valve | DS2G-OOOOa-2018-0355 | 1/16/2018 | OGI Camera |
| 12 | Other | DS2G-OOOOa-2018-0356 | 1/16/2018 | OGI Camera |
| 13 | Connector | DS2K-OOOOa-2017-0053 | 5/22/2017 | Method 21 (Soap solution) |
| 13 | Valve | DS2K-OOOOa-2017-0324 | 9/30/2017 | Method 21 (Soap solution) |
| 13 | Valve | DS2K-OOOOa-2017-2K-0001 | 9/18/2017 | OGI Camera |
| 13 | Valve | DS2K-OOOOa-2017-2K-0002 | 9/18/2017 | OGI Camera |
| 13 | Valve | DS2K-OOOOa-2017-2K-0003 | 9/18/2017 | OGI Camera |
| 13 | Valve | DS2K-OOOOa-2017-2K-0004 | 9/18/2017 | OGI Camera |
| 13 | Connector | DS2K-OOOOa-2017-2K-0005 | 9/18/2017 | OGI Camera |
| 13 | Valve | DS2K-OOOOa-2017-2K-0006 | 9/18/2017 | OGI Camera |
| 13 | Valve | DS2K-OOOOa-2017-2K-0007 | 9/18/2017 | OGI Camera |
| 13 | Valve | DS2K-OOOOa-2017-2K-0008 | 9/18/2017 | OGI Camera |
| 13 | Valve | DS2K-OOOOa-2017-OGI-01 | 4/30/2017 | OGI Camera |
| 14 | Other | DS2M-OOOOa-2017-0085 | Pending | - |
| 14 | Other | DS2M-OOOOa-2017-0321 | 9/30/2017 | Method 21 (Soap solution) |
| 14 | Other | DS2M-OOOOa-2017-0322 | 9/30/2017 | Method 21 (Soap solution) |
| 14 | Pressure Relief Device | DS2M-OOOOa-2017-0323 | 10/2/2017 | Method 21 (Soap solution) |
| 14 | Valve | DS2M-OOOOa-2017-1000 | 9/13/2017 | OGI Camera |
| 14 | Valve | DS2M-OOOOa-2017-1001 | 9/13/2017 | OGI Camera |
| 14 | Valve | DS2M-OOOOa-2017-1002 | 9/13/2017 | OGI Camera |
| 14 | Valve | DS2M-OOOOa-2017-1003 | 9/13/2017 | OGI Camera |

**Table 2-E: Fugitive Emission Component Affected Facility Repair and Resurvey Records**

| Well Site No. | Component Type Found Leaking | Leak Tag ID | Date of Successful Repair | Resurvey Instrument |
|---|---|---|---|---|
| 14 | Connector | DS2M-OOOOa-2017-1004 | 9/13/2017 | OGI Camera |
| 15 | Valve | DS2S-OOOOa-2017-0001 | 9/2/2017 | OGI Camera |
| 15 | Valve | DS2S-OOOOa-2017-0002 | 9/2/2017 | OGI Camera |
| 15 | Valve | DS2S-OOOOa-2017-0003 | 9/2/2017 | OGI Camera |
| 15 | Flange | DS2S-OOOOa-2017-0004 | 9/2/2017 | OGI Camera |
| 15 | Connector | DS2S-OOOOa-2017-0005 | 9/2/2017 | OGI Camera |
| 15 | Valve | DS2S-OOOOa-2017-0006 | 9/2/2017 | OGI Camera |
| 15 | Valve | DS2S-OOOOa-2017-0007 | 9/2/2017 | OGI Camera |
| 15 | Flange | DS2S-OOOOa-2017-0315 | 9/16/2017 | Method 21 (Soap solution) |
| 15 | Flange | DS2S-OOOOa-2017-0316 | 9/20/2017 | Method 21 (Soap solution) |
| 15 | Valve | DS2S-OOOOa-2017-0317 | 9/16/2017 | Method 21 (Soap solution) |
| 16 | Connector | DS2T-OOOOa-2017-0001 | 9/3/2017 | OGI Camera |
| 16 | Valve | DS2T-OOOOa-2017-0002 | 9/3/2017 | OGI Camera |
| 16 | Connector | DS2T-OOOOa-2017-0003 | 9/3/2017 | OGI Camera |
| 16 | Valve | DS2T-OOOOa-2017-0086 | 5/31/2017 | OGI Camera |
| 16 | Other | DS2T-OOOOa-2017-0087 | 11/11/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-0306 | 9/21/2017 | Method 21 (Soap solution) |
| 16 | Connector | DS2T-OOOOa-2017-0307 | 9/21/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-0308 | 9/22/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-0309 | 9/22/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-0310 | 9/22/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-0311 | 9/22/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-0312 | 9/22/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-0313 | 9/22/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-0314 | 9/22/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-0318 | 11/8/2017 | Method 21 (Soap solution) |
| 16 | Connector | DS2T-OOOOa-2017-0320 | 9/21/2017 | Method 21 (Soap solution) |
| 16 | Valve | DS2T-OOOOa-2017-OGI-01 | 4/29/2017 | OGI Camera |
| 16 | Connector | DS2T-OOOOa-2017-OGI-02 | 4/29/2017 | OGI Camera |
| 16 | Other | DS2T-OOOOa-2017-OGI-03 | 4/29/2017 | OGI Camera |
| 16 | Connector | DS2T-OOOOa-2017-OGI-04 | 4/29/2017 | OGI Camera |
| 17 | Connector | DS2X-OOOOa-2017-0001 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0002 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0003 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0004 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0005 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0006 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0007 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0008 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0009 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0010 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0011 | 9/4/2017 | OGI Camera |
| 17 | Connector | DS2X-OOOOa-2017-0012 | 9/4/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0088 | 5/31/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0089 | 11/17/2017 | Method 21 (Soap solution) |
| 17 | Valve | DS2X-OOOOa-2017-0090 | Pending | - |
| 17 | Valve | DS2X-OOOOa-2017-0095 | 5/31/2017 | OGI Camera |
| 17 | Valve | DS2X-OOOOa-2017-0380 | 9/29/2017 | Method 21 (Soap solution) |
| 17 | Valve | DS2X-OOOOa-2017-0381 | Pending | - |

**Table 2-E: Fugitive Emission Component Affected Facility Repair and Resurvey Records**

| Well Site No. | Component Type Found Leaking | Leak Tag ID | Date of Successful Repair | Resurvey Instrument |
|---|---|---|---|---|
| 17 | Valve | DS2X-OOOOa-2017-0382 | 9/24/2017 | Method 21 (Soap solution) |
| 18 | Valve | DS2Z-OOOOa-2017-0001 | 10/2/2017 | Method 21 (Soap solution) |
| 18 | Valve | DS2Z-OOOOa-2017-0004 | 9/14/2017 | Method 21 (Soap solution) |
| 18 | Connector | DS2Z-OOOOa-2017-0005 | 9/22/2017 | Method 21 (Soap solution) |
| 18 | Valve | DS2Z-OOOOa-2017-0077 | 5/2/2017 | OGI Camera |
| 18 | Valve | DS2Z-OOOOa-2017-0346 | 11/8/2017 | Method 21 (Soap solution) |
| 18 | Other | DS2Z-OOOOa-2017-0377 | 9/15/2017 | Method 21 (Soap solution) |
| 18 | Other | DS2Z-OOOOa-2017-0378 | 9/28/2017 | Method 21 (Soap solution) |
| 18 | Valve | DS2Z-OOOOa-2017-0379 | 11/6/2017 | Method 21 (Soap solution) |
| 18 | Connector | DS2Z-OOOOa-2017-0394 | 9/28/2017 | Method 21 (Soap solution) |
| 18 | Valve | DS2Z-OOOOa-2017-0397 | 9/22/2017 | Method 21 (Soap solution) |
| 18 | Valve | DS2Z-OOOOa-2017-1001 | 9/5/2017 | OGI Camera |
| 18 | Other | DS2Z-OOOOa-2017-1002 | 9/5/2017 | OGI Camera |
| 18 | Valve | DS2Z-OOOOa-2017-1003 | 9/5/2017 | OGI Camera |
| 18 | Connector | DS2Z-OOOOa-2017-1004 | 9/5/2017 | OGI Camera |
| 18 | Valve | DS2Z-OOOOa-2017-1005 | 9/5/2017 | OGI Camera |
| 19 | Flange | DS3A-OOOOa-2017-0022 | 5/18/2017 | OGI Camera |
| 19 | Valve | DS3A-OOOOa-2017-0043 | 5/18/2017 | OGI Camera |
| 19 | Valve | DS3A-OOOOa-2017-0048 | 5/18/2017 | OGI Camera |
| 19 | Valve | DS3A-OOOOa-2017-0049 | 6/5/2017 | OGI Camera |
| 19 | Valve | DS3A-OOOOa-2017-0050 | 6/5/2017 | OGI Camera |
| 19 | Valve | DS3A-OOOOa-2017-0091 | 6/5/2017 | OGI Camera |
| 19 | Other | DS3A-OOOOa-2017-0093 | 5/18/2017 | OGI Camera |
| 19 | Valve | DS3A-OOOOa-2017-0348 | 10/8/2017 | OGI Camera |
| 19 | Other | DS3A-OOOOa-2017-0349 | 9/27/2017 | OGI Camera |
| 20 | Valve | DS3F-OOOOa-2017-0063 | 5/17/2017 | OGI Camera |
| 20 | Valve | DS3F-OOOOa-2017-0376 | 5/17/2017 | OGI Camera |
| 20 | Valve | DS3F-OOOOa-2017-OGI-100 | 5/5/2017 | OGI Camera |
| 20 | Valve | DS3F-OOOOa-2017-OGI-101 | 5/5/2017 | OGI Camera |
| 21 | Valve | DS3G-OOOOa-2017-0062 | 5/21/2017 | OGI Camera |
| 21 | Connector | DS3G-OOOOa-2017-0259 | Pending | - |
| 21 | Valve | DS3G-OOOOa-2017-0345 | Pending | - |
| 21 | Other | DS3G-OOOOa-2017-0368 | 5/21/2017 | OGI Camera |
| 21 | Flange | DS3G-OOOOa-2017-0369 | 5/18/2017 | OGI Camera |
| 21 | Valve | DS3G-OOOOa-2017-0370 | 5/18/2017 | OGI Camera |
| 21 | Other | DS3G-OOOOa-2017-0371 | 5/21/2017 | OGI Camera |
| 21 | Pressure Relief Device | DS3G-OOOOa-2017-0372 | 5/23/2017 | OGI Camera |
| 21 | Pressure Relief Device | DS3G-OOOOa-2017-0373 | 5/23/2017 | OGI Camera |
| 21 | Valve | DS3G-OOOOa-2017-0374 | 5/18/2017 | OGI Camera |
| 21 | Valve | DS3G-OOOOa-2017-0383 | Pending | - |
| 21 | Other | DS3G-OOOOa-2017-3G-1000 | 10/22/2017 | OGI Camera |
| 21 | Flange | DS3G-OOOOa-2017-3G-1001 | 10/22/2017 | OGI Camera |
| 21 | Other | DS3G-OOOOa-2017-OGI-100 | 5/5/2017 | OGI Camera |
| 21 | Valve | DS3G-OOOOa-2017-OGI-101 | 5/5/2017 | OGI Camera |
| 22 | Connector | DS3H-OOOOa-2017-0035 | 11/19/2017 | OGI Camera |
| 22 | Valve | DS3H-OOOOa-2017-0036 | 11/11/2017 | OGI Camera |
| 22 | Connector | DS3H-OOOOa-2017-0042 | 5/18/2017 | OGI Camera |
| 22 | Valve | DS3H-OOOOa-2017-0046 | 5/18/2017 | OGI Camera |
| 22 | Valve | DS3H-OOOOa-2017-0070 | 5/18/2017 | OGI Camera |

**Table 2-E: Fugitive Emission Component Affected Facility Repair and Resurvey Records**

| Well Site No. | Component Type Found Leaking | Leak Tag ID | Date of Successful Repair | Resurvey Instrument |
|---|---|---|---|---|
| 22 | Other | DS3H-OOOOa-2017-0353 | Pending | - |
| 22 | Valve | DS3H-OOOOa-2017-3H-1000 | 10/25/2017 | OGI Camera |
| 22 | Flange | DS3H-OOOOa-2017-3H-1001 | 10/25/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-0030 | 10/14/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-0080 | 5/18/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-0220 | 10/14/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-0389 | 5/18/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-0390 | 5/18/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-0391 | 5/18/2017 | OGI Camera |
| 23 | Flange | DS3K-OOOOa-2017-0392 | 5/18/2017 | OGI Camera |
| 23 | Other | DS3K-OOOOa-2017-3K-1000 | 10/12/2017 | OGI Camera |
| 23 | Connector | DS3K-OOOOa-2017-3K-1001 | 10/12/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-3K-1002 | 10/12/2017 | OGI Camera |
| 23 | Pressure Relief Device | DS3K-OOOOa-2017-3K-1003 | 10/12/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-3K-1004 | 10/12/2017 | OGI Camera |
| 23 | Other | DS3K-OOOOa-2017-3K-1005 | 10/12/2017 | OGI Camera |
| 23 | Other | DS3K-OOOOa-2017-3K-1006 | 10/12/2017 | OGI Camera |
| 23 | Other | DS3K-OOOOa-2017-3K-1007 | 10/12/2017 | OGI Camera |
| 23 | Other | DS3K-OOOOa-2017-3K-1008 | 10/12/2017 | OGI Camera |
| 23 | Other | DS3K-OOOOa-2017-3K-1009 | 10/12/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-3K-1010 | 10/12/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-3K-1011 | 10/12/2017 | OGI Camera |
| 23 | Valve | DS3K-OOOOa-2017-OGI-101 | 5/19/2017 | OGI Camera |
| 24 | Other | DS3M-OOOOa-2017-0037 | 10/18/2017 | OGI Camera |
| 24 | Other | DS3M-OOOOa-2017-0047 | 5/19/2017 | OGI Camera |
| 24 | Other | DS3M-OOOOa-2017-0064 | 5/19/2017 | OGI Camera |
| 24 | Other | DS3M-OOOOa-2017-0065 | 5/19/2017 | OGI Camera |
| 24 | Other | DS3M-OOOOa-2017-0094 | 10/18/2017 | OGI Camera |
| 24 | Other | DS3M-OOOOa-2017-0254 | 10/19/2017 | OGI Camera |
| 24 | Other | DS3M-OOOOa-2017-0255 | 10/18/2017 | OGI Camera |
| 24 | Valve | DS3M-OOOOa-2017-0384 | 5/19/2017 | OGI Camera |
| 24 | Flange | DS3M-OOOOa-2017-0385 | 6/7/2017 | OGI Camera |
| 24 | Valve | DS3M-OOOOa-2017-0386 | 5/19/2017 | OGI Camera |
| 24 | Connector | DS3M-OOOOa-2017-0387 | 5/19/2017 | OGI Camera |
| 24 | Flange | DS3M-OOOOa-2017-0388 | 5/19/2017 | OGI Camera |
| 24 | Connector | DS3M-OOOOa-2017-3M-1000 | 10/9/2017 | OGI Camera |
| 24 | Connector | DS3M-OOOOa-2017-3M-1001 | 10/9/2017 | OGI Camera |
| 24 | Valve | DS3M-OOOOa-2017-3M-1002 | 10/9/2017 | OGI Camera |
| 24 | Connector | DS3M-OOOOa-2017-3M-1003 | 10/9/2017 | OGI Camera |
| 24 | Valve | DS3M-OOOOa-2017-3M-1004 | 10/9/2017 | OGI Camera |
| 25 | Other | DS3N-OOOOa-2017-0078 | 10/23/2017 | OGI Camera |
| 25 | Other | DS3N-OOOOa-2017-0079 | 10/23/2017 | OGI Camera |
| 25 | Connector | DS3N-OOOOa-2017-0096 | 10/23/2017 | OGI Camera |
| 25 | Connector | DS3N-OOOOa-2017-0097 | 10/23/2017 | OGI Camera |
| 25 | Connector | DS3N-OOOOa-2017-0098 | 10/23/2017 | OGI Camera |
| 25 | Connector | DS3N-OOOOa-2017-0099 | 10/23/2017 | OGI Camera |
| 25 | Other | DS3N-OOOOa-2017-0100 | 10/23/2017 | OGI Camera |
| 25 | Connector | DS3N-OOOOa-2017-0335 | 10/3/2017 | OGI Camera |
| 25 | Valve | DS3N-OOOOa-2017-0336 | 10/3/2017 | OGI Camera |

**Table 2-E: Fugitive Emission Component Affected Facility Repair and Resurvey Records**

| Well Site No. | Component Type Found Leaking | Leak Tag ID | Date of Successful Repair | Resurvey Instrument |
|---|---|---|---|---|
| 25 | Valve | DS3N-OOOOa-2017-0338 | 10/3/2017 | OGI Camera |
| 25 | Valve | DS3N-OOOOa-2017-3N-1001 | 9/24/2017 | OGI Camera |
| 25 | Valve | DS3N-OOOOa-2017-OGI-01 | Pending | - |
| 25 | Valve | DS3N-OOOOa-2017-OGI-02 | 5/2/2017 | OGI Camera |
| 25 | Valve | DS3N-OOOOa-2017-OGI-03 | 5/2/2017 | OGI Camera |
| 25 | Valve | DS3N-OOOOa-2017-OGI-04 | 5/2/2017 | OGI Camera |
| 26 | Valve | DS-3O-OOOOa-2017-0039 | 10/4/2017 | OGI Camera |
| 26 | Pressure Relief Device | DS3O-OOOOa-2017-0066 | 6/22/2017 | OGI Camera |
| 26 | Connector | DS3O-OOOOa-2017-0084 | 10/3/2017 | OGI Camera |
| 26 | Valve | DS3O-OOOOa-2017-3O-1001 | 9/27/2017 | OGI Camera |
| 26 | Valve | DS3O-OOOOa-2017-3O-1002 | 9/27/2017 | OGI Camera |
| 26 | Valve | DS3O-OOOOa-2017-3O-1003 | 9/27/2017 | OGI Camera |
| 26 | Valve | DS3O-OOOOa-2017-OGI-01 | 5/2/2017 | OGI Camera |
| 27 | Valve | DS3Q-OOOOa-2017-0076 | Pending | - |
| 27 | Connector | DS3Q-OOOOa-2017-0081 | 5/18/2017 | OGI Camera |
| 27 | Connector | DS3Q-OOOOa-2017-0325 | Pending | - |
| 27 | Valve | DS3Q-OOOOa-2017-0333 | 9/26/2017 | OGI Camera |
| 27 | Valve | DS3Q-OOOOa-2017-0334 | 9/26/2017 | OGI Camera |
| 27 | Connector | DS3Q-OOOOa-2017-3Q-1001 | 9/20/2017 | OGI Camera |
| 27 | Valve | DS3Q-OOOOa-2017-3Q-1002 | 9/20/2017 | OGI Camera |
| 27 | Valve | DS3Q-OOOOa-2017-3Q-1003 | 9/20/2017 | OGI Camera |
| 27 | Valve | DS3Q-OOOOa-2017-3Q-1004 | 9/20/2017 | OGI Camera |
| 27 | Connector | DS3Q-OOOOa-2017-3Q-1005 | 9/20/2017 | OGI Camera |
| 27 | Valve | DS3Q-OOOOa-2017-3Q-1006 | 9/20/2017 | OGI Camera |
| 27 | Valve | DS3Q-OOOOa-2017-OGI-01 | 5/1/2017 | OGI Camera |
| 27 | Valve | DS3Q-OOOOa-2017-OGI-02 | 5/1/2017 | OGI Camera |
| 27 | Connector | DS3Q-OOOOa-2017-OGI-03 | 5/1/2017 | OGI Camera |
| 27 | Connector | DS3Q-OOOOa-2017-OGI-04 | 5/1/2017 | OGI Camera |
| 28 | Other | DS3R-OOOOa-2017-0002 | Pending | - |
| 28 | Connector | DS3R-OOOOa-2017-0003 | 5/1/2017 | OGI Camera |
| 28 | Other | DS3R-OOOOa-2017-0350 | 9/20/2017 | OGI Camera |
| 28 | Valve | DS3R-OOOOa-2017-OGI-01 | 5/1/2017 | OGI Camera |
| 29 | Valve | DS3S-OOOOa-2017-0045 | 6/1/2017 | OGI Camera |
| 29 | Valve | DS3S-OOOOa-2017-0051 | 6/1/2017 | OGI Camera |
| 29 | Connector | DS3S-OOOOa-2017-0052 | 5/19/2017 | OGI Camera |
| 29 | Valve | DS3S-OOOOa-2017-0068 | 5/19/2017 | OGI Camera |
| 29 | Valve | DS3S-OOOOa-2017-0393 | 5/21/2017 | OGI Camera |
| 29 | Flange | DS3S-OOOOa-2017-0398 | 5/21/2017 | OGI Camera |