



[Dakota Neel]  
[HSE Coordinator]

June 8<sup>th</sup> 2018

Mike Bratcher  
Oil Conservation Division  
District 2 – Artesia  
811 South First Street.  
Artesia, NM 88210

Henryetta Price  
Bureau of Land Management  
Field Operations Division  
620 E. Greene St  
Carlsbad, NM 88220

**Re: Closure Report  
Copperhead 31 Federal Com #1H  
API #: 30-015-38532  
RP#: 2RP-4276 & 2RP-4277  
Unit Letter G Section 30, Township 26S, Range 29E  
Eddy County, NM**

Mr. Bratcher/Ms. Price,

COG Operating, LLC (COG) is pleased to submit for your consideration the following closure report for the Copperhead 31 Federal Com #1H. This closure report is in reference to releases that occurred on June 26, 2017 and June 27, 2017. A work plan was submitted to the New Mexico Oil Conservation Division (NMOCD) and the Bureau of Land Management (BLM) on September 25, 2017. On October 10, 2017 the NMOCD approved of the workplan with COA's. On April 12, 2018 COG requested that a liner be installed at 4' in lieu of the COA's requested by the NMOCD. Following this request NMOCD approved the revision on April 13, 2018 and the BLM approved the revision on April 24, 2018.

## **BACKGROUND**

The first release was discovered on June 26, 2017, and released approximately ten (10) barrels of produced water due to a power loss at the Schmitt SWD, causing the flow line to pressure up and split. None of the fluids were recovered from the release. The second release overlapped the footprint of the first release and occurred the following day on June 27, 2017, due to a weld failure on the flowline that was recently repaired. The second spill released approximately fifty (50) barrels of produced water and none was recovered.

June 8, 2018

## REMEDIAL ACTIONS

- The entire impacted area was excavated to 4' BGS and a liner was installed.
- All of the excavated material was hauled to an NMOCD approved solid waste disposal facility.
- The excavation was backfilled with like material and contoured to match the surrounding location.

Based on the information provided, COG Operating LLC, would like to request closure of the RP numbers 2RP-4276 & 2RP-4277 associated with this release. Please feel free to contact me with any questions or concerns at (432) 215-2783.

Sincerely,



Dakota Neel  
HSE Coordinator  
[Dneel2@concho.com](mailto:Dneel2@concho.com)

Enclosed:

- 1) C-141 Initial (Copy)
- 2) C-141 Final

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

### Release Notification and Corrective Action

#### OPERATOR

Initial Report  Final Report

|   |                            |
|---|----------------------------|
| Name of Company: COG Operating LLC OGRID # 229137   | Contact: Robert McNeill    |
| Address: 600 West Illinois Avenue, Midland TX 79701 | Telephone No. 432-683-7443 |
| Facility Name: Copperhead 31 Federal Com #001H      | Facility Type: Flowline    |
| Surface Owner: Private                              | Mineral Owner: Federal     |
| API No. 30-015-38532                                |                            |

#### LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| G           | 30      | 26S      | 29E   | 1980          | North            | 1980          | East           | Eddy   |

Latitude 32.015107 Longitude -104.022121

#### NATURE OF RELEASE

|   |   |  |
|---|---|--|
| Type of Release:<br>Produced Water  | Volume of Release:<br>10 bbl.                         | Volume Recovered:<br>0 bbl.                          |
| Source of Release:<br>Poly Flowline   | Date and Hour of Occurrence:<br>June 26, 2017 3:00 pm | Date and Hour of Discovery:<br>June 26, 2017 3:00 pm |
| Was Immediate Notice Given?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom?                                      |  |
| By Whom?  | Date and Hour:  |  |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | If YES, Volume Impacting the Watercourse.             |  |

If a Watercourse was Impacted, Describe Fully.\*

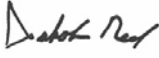
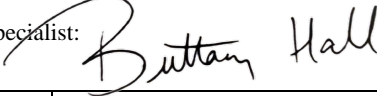
Describe Cause of Problem and Remedial Action Taken.\*

The release was due to a power loss resulting in the Schmitt SWD shutting in. The line pressured up and split. The section of flowline that failed was cut and the line was fused back together.

Describe Area Affected and Cleanup Action Taken.\*

The release was within the pasture. A vacuum truck was dispatched to remove all freestanding fluids. The remediation of this site was completed according to the work plan approved by the BLM and NMOCD.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

|   |   |                      |
|---|---|----------------------|
| Signature:<br> | <b>OIL CONSERVATION DIVISION</b>  |                      |
|   | Approved by Environmental Specialist:  |                      |
| Printed Name: Dakota Neel   | Approval Date: 1/23/2023  | Expiration Date: N/A |
| Title: HSE Coordinator  | Conditions of Approval:   |                      |
| E-mail Address: dneel2@concho.com   | Attached <input type="checkbox"/>   |                      |
| Date: June 8, 2018 Phone: 575-746-2010  | none  |                      |

\* Attach Additional Sheets If Necessary

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### Release Notification and Corrective Action

#### OPERATOR

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|---|----------------------------|
| Name of Company: COG Operating LLC OGRID # 229137   | Contact: Robert McNeill    |
| Address: 600 West Illinois Avenue, Midland TX 79701 | Telephone No. 432-683-7443 |
| Facility Name: Copperhead 31 Federal Com #001H      | Facility Type: Flowline    |
| Surface Owner: Private                              | Mineral Owner: Federal     |
| API No. 30-015-38532                                |                            |

#### LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| G           | 30      | 26S      | 29E   | 1980          | North            | 1980          | East           | Eddy   |

Latitude 32.015107 Longitude -104.022121

#### NATURE OF RELEASE

|  |   |  |
|--|---|--|
| Type of Release:<br>Produced Water   | Volume of Release:<br>50 bbl.                             | Volume Recovered:<br>0 bbl.                          |
| Source of Release:<br>Poly Flowline  | Date and Hour of Occurrence:<br>June 27, 2017 1:30 pm     | Date and Hour of Discovery:<br>June 27, 2017 1:30 pm |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>Ms. Weaver – NMOCD / Ms. Tucker – BLM |  |
| By Whom? Rebecca Haskell   | Date and Hour: June 27, 2017 3:47 pm                      |  |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, Volume Impacting the Watercourse.                 |  |

If a Watercourse was Impacted, Describe Fully.\*


Describe Cause of Problem and Remedial Action Taken.\*

The release was due to a failure in a fuse in the polyline which was recently repaired. The fuse was repaired.

Describe Area Affected and Cleanup Action Taken.\*

The release was within the pasture. A vacuum truck was dispatched to remove all freestanding fluids. The remediation of this site was completed according to the work plan approved by the BLM and NMOCD.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

|   |                                       |                  |
|---|---------------------------------------|------------------|
| Signature:<br> | <b>OIL CONSERVATION DIVISION</b>      |                  |
|   | Approved by Environmental Specialist: |                  |
| Printed Name: Dakota Neel   | Approval Date:                        | Expiration Date: |
| Title: HSE Coordinator  | Conditions of Approval:               |                  |
| E-mail Address: <a href="mailto:dneel2@concho.com">dneel2@concho.com</a>                          | Attached <input type="checkbox"/>     |                  |
| Date: June 8, 2018 Phone: 575-746-2010  |                                       |                  |

\* Attach Additional Sheets If Necessary

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| Facility Name: Copperhead 31 Federal Com #001H      | Facility Type: Flowline    |
| Surface Owner: Private                              | Mineral Owner: Federal     |
| API No. 30-015-38532                                |                            |

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Latitude 32.015107 Longitude -104.022121

#### NATURE OF RELEASE

|  |   |  |
|--|---|--|
| Type of Release:<br>Produced Water   | Volume of Release:<br>10 bbl.                         | Volume Recovered:<br>0 bbl.                          |
| Source of Release:<br>Poly Flowline  | Date and Hour of Occurrence:<br>June 26, 2017 3:00 pm | Date and Hour of Discovery:<br>June 26, 2017 3:00 pm |
| Was Immediate Notice Given?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required  | If YES, To Whom?                                      |  |
| By Whom?   | Date and Hour:  |  |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, Volume Impacting the Watercourse.             |  |
| If a Watercourse was Impacted, Describe Fully.*  |   |  |
| Describe Cause of Problem and Remedial Action Taken.*  |   |  |
| The release was due to a power loss resulting in the Schmitt SWD shutting in. The line pressured up and split. The section of flowline that failed was cut and the line was fused back together.   |   |  |
| Describe Area Affected and Cleanup Action Taken.*  |   |  |
| The release was within the pasture. A vacuum truck was dispatched to remove all freestanding fluids. Concho will have the spill area sampled to delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.  |   |  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |   |  |
| Signature:   | <b>OIL CONSERVATION DIVISION</b>                      |  |
| Printed Name: Rebecca Haskell  | Approved by Environmental Specialist:                 |  |
| Title: Senior HSE Coordinator  | Approval Date:  | Expiration Date:                                     |
| E-mail Address: <a href="mailto:rhaskell@concho.com">rhaskell@concho.com</a>   | Conditions of Approval:                               |  |
| Date: June 29, 2017 Phone: 432-683-7443  | Attached <input type="checkbox"/>                     |  |

\* Attach Additional Sheets If Necessary

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### NATURE OF RELEASE

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| Type of Release:<br>Produced Water   | Volume of Release:<br>50 bbl.                             | Volume Recovered:<br>0 bbl.                          |
| Source of Release:<br>Poly Flowline  | Date and Hour of Occurrence:<br>June 27, 2017 1:30 pm     | Date and Hour of Discovery:<br>June 27, 2017 1:30 pm |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required   | If YES, To Whom?<br>Ms. Weaver – NMOCD / Ms. Tucker – BLM |  |
| By Whom? Rebecca Haskell   | Date and Hour: June 27, 2017 3:47 pm                      |  |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, Volume Impacting the Watercourse.                 |  |
| If a Watercourse was Impacted, Describe Fully.*  |   |  |
| Describe Cause of Problem and Remedial Action Taken.*  |   |  |
| The release was due to a failure in a fuse in the polyline which was recently repaired. The fuse was repaired.   |   |  |
| Describe Area Affected and Cleanup Action Taken.*  |   |  |
| The release was within the pasture. A vacuum truck was dispatched to remove all freestanding fluids. Concho will have the spill area sampled to delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.  |   |  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |   |  |
| Signature:   | <b>OIL CONSERVATION DIVISION</b>                          |  |
| Printed Name: Rebecca Haskell  | Approved by Environmental Specialist:                     |  |
| Title: Senior HSE Coordinator  | Approval Date:  | Expiration Date:                                     |
| E-mail Address: <a href="mailto:rhaskell@concho.com">rhaskell@concho.com</a>   | Conditions of Approval:                                   |  |
| Date: June 29, 2017 Phone: 432-683-7443  | Attached <input type="checkbox"/>                         |  |

\* Attach Additional Sheets If Necessary

**Lull, Christian**

---

**Subject:** FW: [EXTERNAL] FW: COG - Copperhead 31 Fed Com #1H (2RP-4276 & 2RP-4277)

---

**From:** Rebecca Haskell <[RHaskell@concho.com](mailto:RHaskell@concho.com)>

**Sent:** Tuesday, April 24, 2018 12:27 PM

**To:** DeAnn Grant <[agrant@concho.com](mailto:agrant@concho.com)>

**Subject:** FW: [EXTERNAL] FW: COG - Copperhead 31 Fed Com #1H (2RP-4276 & 2RP-4277)

Becky Haskell  
Senior HSE Coordinator  
COG Operating LLC  
600 W Illinois Avenue | Midland, TX 79701  
Direct: 432-818-2372 | Main: 432.683.7443  
Cell: 432-556-5130  
[rhaskell@concho.com](mailto:rhaskell@concho.com)



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**From:** Price, Henryetta [<mailto:hprice@blm.gov>]

**Sent:** Tuesday, April 24, 2018 1:15 PM

**To:** Bratcher, Mike, EMNRD

**Cc:** Tucker, Shelly; Dakota Neel; Rebecca Haskell

**Subject:** Re: [EXTERNAL] FW: COG - Copperhead 31 Fed Com #1H (2RP-4276 & 2RP-4277)

BLM concurs with NMOCD'S approval for this location.

**Henryetta Price**

Environmental Protection Specialist  
Bureau Of Land Management

[Hprice@blm.gov](mailto:Hprice@blm.gov)

Phone 575-234-5951

Cell 575-706-2780

Fax 575-234-5927

\*\*\* Lesser Prairie Chicken (LPC) timing stipulations are in effect 1 Mar- 15 June annually.

\*\*\* Tis the season for African Rue. Please do a 360 scan around your well locations and lease roads.

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

**Confidentiality Warning:** This message along with any attachments are intended only for use of the individual or entity to which it is addressed and may contain information that is privileged or confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

On Fri, Apr 13, 2018 at 7:55 AM, Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)> wrote:

RE: COG \* Copperhead 31 Fed Com 1H \* 2RP-4276 & 2RP-4277

Henryetta & Shelly,

OCD has approved a revision to the original approval. A liner will be installed at 4' bgs in lieu of the deeper excavation. Please advise if BLM does not concur.

Thank you,

Mike Bratcher

NMOCD District 2

811 South First Street

Artesia, NM 88210

575-748-1283 Ext 108

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.



---

**From:** Dakota Neel <[DNeel2@concho.com](mailto:DNeel2@concho.com)>  
**Sent:** Thursday, April 12, 2018 1:07 PM  
**To:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>  
**Cc:** Rebecca Haskell <[RHaskell@concho.com](mailto:RHaskell@concho.com)>  
**Subject:** RE: COG - Copperhead 31 Fed Com #1H (2RP-4276 & 2RP-4277)

Mr. Bratcher,

Would it be possible to meet with you tomorrow to discuss the approved work plan for 2RP-4276 and 2RP-42767?

You approved this site with the condition that we dig out the area of T1 to 6' BGS, T2 to 4' BGS and T3 to 3' BGS . I would like to discuss with you the possibility of installing a liner instead of excavating to the requested depths.

I am available anytime tomorrow to meet.

Please let me know what works best for you.

Thanks,

**Dakota Neel**

**HSE Coordinator**

**COG Operating LLC**

**Cell: [432-215-2783](tel:432-215-2783)**

**[dneel2@concho.com](mailto:dneel2@concho.com)**

**2407 Pecos Ave.**

**Artesia , NM 88210**



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---

**From:** Bratcher, Mike, EMNRD [<mailto:mike.bratcher@state.nm.us>]  
**Sent:** Tuesday, October 10, 2017 8:47 AM  
**To:** Gonzales, Clair; Carmona, Mike; Weaver, Crystal, EMNRD; Henryetta Price  
**Cc:** Rebecca Haskell; Tavarez, Ike; Robert McNeill; Dakota Neel; Aaron Lieb  
**Subject:** [External] RE: COG - Copperhead 31 Fed Com #1H (2RP-4276 & 2RP-4277)

RE: COG \* Copperhead 31 Fed Com 1H \* 2RP-4276 & 2RP-4277 \* DOR: 6/26 & 27/17

Greetings,

Your proposal for remediation of the above referenced site is approved with the following:

The NMOCD Environmental Bureau has requested District staff to initiate RRAL for chloride delineation/remediation to 600 mg/kg. With that, OCD requests T-1 be excavated to 6', T-2 to 4', and T-3 to 3'. Please notify OCD in the event excavation depths are not achieved. Federal sites will require like approval from BLM. Please advise once remedial activities have been scheduled.

If you have any questions or concerns, please contact me or Jim Griswold, NMOCD Environmental Bureau Chief.

Mike Bratcher

NMOCD District 2

811 South First Street

Artesia, NM 88210

575-748-1283 Ext 108

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

---

**From:** Gonzales, Clair [<mailto:Clair.Gonzales@tetrattech.com>]  
**Sent:** Monday, September 25, 2017 10:07 AM  
**To:** Carmona, Mike <[Mike.Carmona@tetrattech.com](mailto:Mike.Carmona@tetrattech.com)>; Weaver, Crystal, EMNRD <[Crystal.Weaver@state.nm.us](mailto:Crystal.Weaver@state.nm.us)>  
**Cc:** Rebecca Haskell <[RHaskell@concho.com](mailto:RHaskell@concho.com)>; Tavarez, Ike <[Ike.Tavarez@tetrattech.com](mailto:Ike.Tavarez@tetrattech.com)>; Robert McNeill <[RMcNeill@concho.com](mailto:RMcNeill@concho.com)>; Dakota Neel <[DNeel2@concho.com](mailto:DNeel2@concho.com)>; Aaron Lieb <[ALieb@concho.com](mailto:ALieb@concho.com)>  
**Subject:** [External] COG - Copperhead 31 Fed Com #1H (2RP-4276 & 2RP-4277)

\*\*\*\* External email. Use caution. \*\*\*\*

*Good Morning,*

*Attached is the work plan for the above referenced site located in Eddy County, New Mexico. Once approved, COG will implement the proposed work plan. Let me know if you have any questions or concerns.*

*Thank you,*

## Clair Gonzales

### Clair Gonzales | Geologist III

Phone: 432.687.8123 | Mobile 432.260.8634 | Fax:432.682.3946

[clair.gonzales@tetrattech.com](mailto:clair.gonzales@tetrattech.com)

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**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 178310

**CONDITIONS**

|  |  |
|--|--|
| Operator:<br>COG PRODUCTION, LLC<br>600 W. Illinois Ave<br>Midland, TX 79701 | OGRID:<br>217955   |
|  | Action Number:<br>178310   |
|  | Action Type:<br>[IM-SD] Incident File Support Doc (ENV) (IM-BNF) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| bhall      | None      | 1/23/2023      |