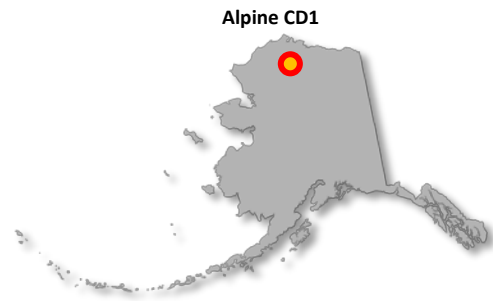


ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 1

DATE/TIME OF DISTRIBUTION: March 15, 2022, at 3:30 p.m.
Information current as of March 15, 2022, at 10:30 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 Drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022, through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Volume of gas

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. The current mitigation effort is to reduce the natural gas release by producing gas from select wells which appears to have reduced the volumes of natural gas release to the environment. Additional diagnostics and monitoring continue to help identify the source of the natural gas release including:

- Controlled producing gas from select wells to the Alpine production facility
- Sampling and analyzing gas from wells for composition
- Well integrity tests
- Air and well monitoring for gas releases

RESOURCES AT RISK OR AFFECTED: Monitoring results indicate no gas detected at the Nuiqsut gas monitoring station. CPAI reports there have been no injuries, saline water releases contained

FUTURE PLANS: Drilling activities (Doyon Rig 142) at disposal well WD-03 were suspended on 3/7/2022 and rig evacuated as a precaution. CPAI is warming up Doyon 142 to prepare for wellbore diagnostics on WD-03. Future activities at WD-03 depend on diagnostic results.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 2

DATE/TIME OF DISTRIBUTION: March 16, 2022, at 12:00 p.m.
Information current as of March 16, 2022, at 8:30 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 Drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. Oil production on CD1 remains shut in. The current mitigation effort is to reduce the natural gas release by producing gas from select wells which CPAI reports appears to have reduced the volumes of natural gas release to the environment. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from select wells to the Alpine production facility
- Sampling and analyzing gas from wells for composition
- Well integrity tests
- Air and well row monitoring for gas releases

RESOURCES AT RISK OR AFFECTED: CPAI reports natural gas release rates have reduced below sensor levels for Forward Looking Infrared drone surveys and well row monitoring surveys on 3/15/2022. No report available from CPAI regarding air monitoring at Nuiqsut. Production from other Colville River Unit drillsites (CD2, CD3, CD4, CD5) and Greater Mooses Tooth Unit drillsite MT7 remain online.

FUTURE PLANS: CPAI continues to warm up Doyon 142 for wellbore diagnostics on well WD-03. Future activities at WD-03 depend on diagnostic results. Continue air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 3

DATE/TIME OF DISTRIBUTION: March 17, 2022, at 3:30 p.m.
Information current as of March 17, 2022, at 8:00 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 Drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. **Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.**

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. Oil production on CD1 remains shut in. **The current mitigation effort is attempting to reduce the natural gas release by producing gas from select wells. CPAI reports that the volumes of natural gas have subsided to levels below sensor measuring capabilities.** To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from **wells CD1-15 and WD-03** to the Alpine production facility
- Sampling and analyzing gas from **leaks** for composition
- Well integrity tests
- Air and well row monitoring for gas releases

ON 3/16/2022 AOGCC approved restart of injection into CD1-05. Currently reviewing a sundry application for plugging operations in well WD-03.

RESOURCES AT RISK OR AFFECTED: CPAI reports natural gas release rates have reduced below sensor levels for Forward Looking Infrared drone surveys and well row monitoring surveys on **3/16/2022**. No report available from CPAI regarding air monitoring at Nuiqsut. Production from other Colville River Unit drillsites (CD2, CD3, CD4, CD5) and Greater Mooses Tooth Unit drillsite MT7 remains online.

FUTURE PLANS: CPAI continues to warm up Doyon 142 for wellbore diagnostics on well WD-03. Future activities at WD-03 depend on diagnostic results. Continue air monitoring. **Restart injection in well CD1-05.**



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 4

DATE/TIME OF DISTRIBUTION: March 18, 2022, at 3:00 p.m.
Information current as of March 17, 2022, at 10:00 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 Drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. CPAI reports that the volumes of natural gas **released** have subsided to levels below sensor measuring capabilities. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from wells CD1-15 and WD-03 to the Alpine production facility
- Sampling and analyzing gas from leaks for composition
- Well integrity tests
- **Installing additional pressure monitors on the outer annuli of wells**
- Air and well row monitoring for gas releases

On 3/17/2022 AOGCC approved diagnostic and plugging operations in well WD-03.

CPAI reports that water injection in CD1-05 commenced on 3/17/2022. Increased gas production from WD-03 to the production facility was also reported by CPAI.

RESOURCES AT RISK OR AFFECTED: CPAI reports natural gas release rates have reduced below sensor levels for Forward Looking Infrared drone surveys and well row monitoring surveys on **3/17/2022**. **Daily air quality monitoring data is posted by CPAI at the Alpine CD1 Response website (<https://alpineresponse.com>) and volatile organic compound data is reported on the North Slope Science Initiative website (<https://northslopescience.org/nuiqsut>).** CPAI also is printing and posting air quality monitoring reports in Nuiqsut. **Production from CD1 remains shut in except as noted.** Production from other Colville River Unit drillsites (CD2, CD3, CD4, CD5) and Greater Mooses Tooth Unit drillsite MT7 remains online.

FUTURE PLANS: CPAI continues to warm up Doyon 142 for wellbore diagnostics on well WD-03. Future activities at WD-03 depend on diagnostic results. Continue air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 5

DATE/TIME OF DISTRIBUTION: March 19, 2022, at 2:30 p.m.
Information current as of March 19, 2022, at 10:00 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from wells CD1-15 and WD-03 to the Alpine production facility
- Sampling and analyzing gas from leaks for composition
- Well integrity tests
- **Monitoring well pressures**
- Air and well row monitoring for gas releases

CPAI reports that fluctuating low levels of gas have been detected inside several CD1 wellhouses as expected, related to the startup of water injection in CD1-05. No gas detected outside of the wellhouses. Gas production from WD-03 to the production facility is reported to be stable after increasing on 3/18/22.

RESOURCES AT RISK OR AFFECTED: CPAI reports natural gas release rates have reduced below sensor levels for Forward Looking Infrared drone surveys and well row monitoring surveys on 3/18/2022. Refer to [the Alpine CD1 Response website \(https://alpineresponse.com\)](https://alpineresponse.com) for information about daily air quality monitoring. Production from other Colville River Unit drillsites (CD2, CD3, CD4, CD5) and Greater Mooses Tooth Unit drillsite MT7 remains online.

Future Plans: CPAI plans to shut in production from CD1-15 today (3/19/22) to monitor and evaluate system response. Preparations continue at Doyon 142 for wellbore diagnostics on WD-03. AOGCC to inspect Doyon 142 and witness blowout prevention equipment tests on Sunday (3/20/22) prior to starting well operations. Future activities at WD-03 depend on diagnostic results. Continue air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 6

DATE/TIME OF DISTRIBUTION: March 20, 2022, at 1:45 p.m.
Information current as of March 20, 2022, at 10:00 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from well WD-03 to the Alpine production facility; **CD1-15 production shut in 3/19/22**
- Sampling and analyzing gas from leaks for composition
- Well integrity tests
- Monitoring well pressures
- Air and well row monitoring for gas releases

CPAI reports that fluctuating low levels of gas have been detected inside several CD1 wellhouses as expected, related to the startup of water injection in CD1-05. No gas detected outside of the wellhouses.

Gas production from WD-03 to the production facility declined from 3/19/22 report.

AOGCC inspected Doyon 142 and witnessed blowout prevention equipment function tests on 3/19/22.

RESOURCES AT RISK OR AFFECTED: CPAI reports natural gas release rates have reduced below sensor levels for Forward Looking Infrared drone surveys and well row monitoring surveys on **3/19/2022**. Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. Production from other Colville River Unit drillsites (CD2, CD3, CD4, CD5) and Greater Mooses Tooth Unit drillsite MT7 remains online.

FUTURE PLANS: **CPAI plans to start disposal injection into CD1-01A (EPA Class I disposal well). Evaluating system response with 3/19/22 shut in of CD1-15 production. Preparations continue at Doyon 142 for wellbore diagnostics on WD-03.** Future activities at WD-03 depend on diagnostic results. Continue air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 7

DATE/TIME OF DISTRIBUTION: March 21, 2022, at 1:15 p.m.
Information current as of March 21, 2022, at 11:00 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from well WD-03 to the Alpine production facility; CD1-15 production shut in 3/19/22
- Sampling and analyzing gas from leaks for composition
- Well integrity tests
- Monitoring well pressures
- Air and well row monitoring for gas releases

CPAI reports that fluctuating low levels of gas have been detected inside several CD1 wellhouses as expected, related to the startup of water injection in CD1-05. No gas detected outside of the wellhouses.

Gas production from WD-03 to the production facility **increased from 3/20/22**.

RESOURCES AT RISK OR AFFECTED: CPAI reports natural gas release rates have reduced below sensor levels for Forward Looking Infrared drone surveys and well row monitoring surveys on **3/20/22**. Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. Production from other Colville River Unit drillsites (CD2, CD3, CD4, CD5) and Greater Mooses Tooth Unit drillsite MT7 remains online.

FUTURE PLANS: CPAI started disposal injection into CD1-01A (EPA Class I disposal well) **3/20/22**. Evaluating system response with 3/19/22 shut in of CD1-15 production. Preparations continue at Doyon 142 for wellbore diagnostics on WD-03. Future activities at WD-03 depend on diagnostic results. Continue air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 8

DATE/TIME OF DISTRIBUTION: March 22, 2022, at 12:30 p.m.
Information current as of March 22, 2022, at 9:30 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from well WD-03 to the Alpine production facility; **evaluating response from restart of water injection in CD1-05 and shutting in production from CD1-15.**
- Sampling and analyzing gas from leaks for composition
- Well integrity tests
- Monitoring well pressures
- Air and well row monitoring for gas releases

CPAI reports that fluctuating low levels of gas have been detected inside wellhouses CD1-04, CD1-05, and CD1-06, related to the startup of water injection in CD1-05 - most recently at CD1-05. No gas detected outside of the wellhouses. Gas production from WD-03 to the production facility decreased from 3/21/22.

Well work with Doyon 142 started – pulled the production liner from WD-03; preparing for well diagnostics.

RESOURCES AT RISK OR AFFECTED: CPAI reports natural gas release rates have reduced below sensor levels for Forward Looking Infrared drone surveys and well row monitoring surveys on 3/21/22. Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. Production from other Colville River Unit drillsites (CD2, CD3, CD4, CD5) and Greater Mooses Tooth Unit drillsite MT7 remains online.

FUTURE PLANS: **Continue evaluating system response from changes to gas production and injection. Full Blowout Prevention Equipment (BOPE) test 3/22/22 (AOGCC witness).** Future activities at WD-03 depend on diagnostic results. Continue air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 9

DATE/TIME OF DISTRIBUTION: March 23, 2022, at 3:00 p.m.
Information current as of March 23, 2022, at 11:00 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from well WD-03 to the Alpine production facility; evaluating response from restart of water injection in CD1-05 and shutting in production from CD1-15.
- Analyzing gas samples from releases for composition
- Well logging diagnostics in WD-03
- Monitoring well pressures
- Air and well row monitoring for gas releases

CPAI reports that fluctuating low levels of gas have been detected inside wellhouses CD1-04, CD1-05, and CD1-06, related to the startup of water injection in CD1-05 – most recently at CD1-05. No gas detected outside of the wellhouses. Gas production from WD-03 to the production facility increased from 3/22/22. Inspection and test witness of blowout prevention equipment by AOGCC Inspector 3/22/22.

RESOURCES AT RISK OR AFFECTED: CPAI reports natural gas release rates have reduced below sensor levels for Forward Looking Infrared drone surveys and well row monitoring surveys on 3/22/22. Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. Production from other Colville River Unit drillsites (CD2, CD3, CD4, CD5) and Greater Mooses Tooth Unit drillsite MT7 remains online.

FUTURE PLANS: Continue evaluating system response from changes to gas production and injection. Abandonment of the planned disposal section of WD-03. Well logging diagnostics in WD-03. Remedial activities at CD1 wells depend on diagnostic results. Continue air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 10

DATE/TIME OF DISTRIBUTION: March 24, 2022, at 2:00 p.m.
Information current as of March 24, 2022, at 10:30 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from well WD-03 to the Alpine production facility; evaluating response from restart of water injection in CD1-05 and shutting in production from CD1-15.
- Analyzing gas samples from releases for composition
- Well logging diagnostics in WD-03
- Monitoring well pressures
- Air and well row monitoring for gas releases

CPAI reports that fluctuating low levels of gas have been detected inside wellhouses CD1-04, CD1-05, and CD1-06, related to the startup of water injection in CD1-05 – most recently only at CD1-05. No gas detected outside of the wellhouses. Gas production from WD-03 to the production facility **stable since 3/23/22. Completed plugging of the planned disposal section in WD-03. Preparing to run diagnostic logs in WD-03 to identify the source of the natural gas release. CPAI reports the initial analyses of WD-03 gas samples indicate the source of gas is from the C-10 (Halo) horizon with a lesser contribution from the Qannik.**

RESOURCES AT RISK OR AFFECTED: CPAI reports **no change to air and well row monitoring surveys on 3/23/22.** Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. **No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.**

FUTURE PLANS: Continue evaluating system response from changes to gas production and injection. **Well logging diagnostics in WD-03. Remedial activities at CD1 wells depend on diagnostic results.** Continue air monitoring. **Continue waste injection in well CD1-19A.**



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 11

DATE/TIME OF DISTRIBUTION: March 25, 2022, at 12:00 p.m.
Information current as of March 25, 2022, at 10:00 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from well WD-03 to the Alpine production facility; evaluating response from restart of water injection in CD1-05 and shutting in production from CD1-15.
- Analyzing gas samples from releases for composition
- Well logging diagnostics in WD-03
- Monitoring well pressures
- Air and well row monitoring for gas releases

CPAI reports that fluctuating low levels of gas have been detected inside wellhouses CD1-04, CD1-05, and CD1-06, related to the startup of water injection in CD1-05 – most recently only at CD1-05. No gas detected outside of the wellhouses. Gas production from WD-03 to the production facility **stable since 3/24/22**. Completed plugging of the planned disposal section in WD-03. Preparing to run diagnostic logs in WD-03 to identify the source of the natural gas release. CPAI reports the initial analyses of WD-03 gas samples indicate the source of gas is from the C-10 (Halo) horizon with a lesser contribution from the Qannik.

RESOURCES AT RISK OR AFFECTED: CPAI reports no change to air and well row monitoring surveys on 3/24/22. Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue evaluating system response from changes to gas production and injection. Well logging diagnostics in WD-03. Remedial activities at CD1 wells depend on diagnostic results. Continue air monitoring. Continue waste injection in well CD1-19A.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 12

DATE/TIME OF DISTRIBUTION: March 26, 2022, at 12:30 p.m.
Information current as of March 26, 2022, at 11:00 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from well WD-03 to the Alpine production facility; evaluating response.
- Analyzing gas samples from releases for composition
- Well logging diagnostics in WD-03
- Monitoring well pressures
- Air and well row monitoring for gas releases

CPAI reports that fluctuating low levels of gas have been trending down inside wellhouses since the startup of water injection in CD1-05. No gas detected outside of the wellhouses. Gas production from WD-03 to the production facility stable since 3/24/22. Produced water injection started in CD1-03. CPAI reports the initial analyses of WD-03 gas samples indicate the source of gas is from the C-10 (Halo) horizon with a lesser contribution from the Qannik. Logging results to date in WD-03 determined source of gas was C-10 (Halo) sand; the Qannik was not contributing. AOGCC Inspector witnessed well safety system tests and abandonment plug verifications on 3/25 and 3/26.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue evaluating system response from changes to gas production and injection. Well logging diagnostics in WD-03. Remedial activities at CD1 wells depend on diagnostic results. Continue air monitoring. Continue waste injection in well CD1-01A (incorrectly identified as CD1-19A in previous reports).



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 13

DATE/TIME OF DISTRIBUTION: March 27, 2022, at 3:00 p.m.
Information current as of March 27, 2022, at 8:47 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to RESPONSE ACTION

RESPONSE ACTION: CPAI continues to assess the cause of the natural gas release. To help identify the source of the natural gas release, additional diagnostics and monitoring continue, including:

- Producing gas from well WD-03 to the Alpine production facility; evaluating response.
- Analyzing gas samples from releases for composition
- Well logging diagnostics in WD-03
- Monitoring well pressures
- Air and well row monitoring for gas releases

CPAI reports that fluctuating low levels of gas have been trending down inside wellhouses since the startup of water injection in CD1-05. No gas detected outside of the wellhouses. **Gas production from WD-03 to the production facility increased from 3/25/22.** Produced water injection started in CD1-03. CPAI reports the initial analyses of WD-03 gas samples indicate the source of gas is from the C-10 (Halo) horizon with a lesser contribution from the Qannik. Logging results to date in WD-03 determined source of gas was C-10 (Halo) sand; the Qannik was not contributing. **AOGCC Inspector witnessed abandonment plug verifications on 3/27/22.**

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue evaluating system response from changes to gas production and injection. Well logging diagnostics in WD-03. Remedial activities at CD1 wells depend on diagnostic results. Continue air monitoring. Continue waste injection in well CD1-01A (incorrectly identified as CD1-19A in previous reports).



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 14

DATE/TIME OF DISTRIBUTION: March 28, 2022, at 2:30 p.m.
Information current as of March 28, 2022, at 9:57 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: refer to **RESPONSE ACTION** and **FUTURE PLANS**

RESPONSE ACTION: Well work, assessing the effect of production and produced water injection, data gathering, diagnostic well logging, and analyses of the information gathered as outlined in previous reports have identified remedial actions to attempt to stop the source of the natural gas release. CPAI continues to report fluctuating low levels of gas trending downward inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses. Gas production from WD-03 to the production facility has been stable since 3/26/22. CPA reports logging results from WD-03 determined the source of gas is from the C-10 (Halo) sand; the Qannik formation was not contributing, while gas samples analyzed to date indicate the majority of gas is from the C-10 (Halo) with a lesser contribution from the Qannik formation. AOGCC Inspector witnessed safety valve tests 3/25/22. AOGCC Inspector also witnessed well work to prepare for remedial actions including verifications of initial well plugs in WD-03 on 3/25/22 and 3/26/22 (open hole well section) and witnessed verification of second well plugs on 3/27/22 (inside intermediate casing, below the Halo formation).

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Perforate casing and circulate kill weight fluid in WD-03 (AOGCC approved sundry); run acoustic log after circulating. Continue waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures; continue to perform air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 15

DATE/TIME OF DISTRIBUTION: March 29, 2022, at 12:00 p.m.
Information current as of March 29, 2022, at 10:21 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: *In progress; commenced circulating kill weight fluid in WD-03 on 3/28/22.*

RESPONSE ACTION: Well work, assessing the effect of production and produced water injection, data gathering, diagnostic well logging, and analyses of the information gathered as outlined in previous reports have identified remedial actions to attempt to stop the source of the natural gas release. CPAI continues to report fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses. CPA reports logging results from WD-03 determined the source of gas is from the C-10 (Halo) sand; the Qannik formation was not contributing. Gas samples analyzed to date indicate the majority of gas is from the C-10 (Halo) with a lesser contribution from the Qannik formation. *WD-03 is no longer producing gas due to source control operations.*

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: *Run diagnostic log after circulating. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.*



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 16

DATE/TIME OF DISTRIBUTION: March 30, 2022, at 2:00 p.m.
Information current as of March 30, 2022, at 11:45 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: *In progress.*

RESPONSE ACTION: Well work, assessing the effect of production and produced water injection, data gathering, diagnostic well logging, and analyses of the information gathered as outlined in previous reports have identified remedial actions to attempt to stop the source of the natural gas release. CPAI continues to report fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses. CPA reports logging results from WD-03 determined the source of gas is from the C-10 (Halo) sand; the Qannik formation was not contributing. Gas samples analyzed to date indicate the majority of gas is from the C-10 (Halo) with a lesser contribution from the Qannik formation. WD-03 is no longer producing gas due to source control operations.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: *Run and evaluate diagnostic logs. Results will determine how to proceed.* All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 17

DATE/TIME OF DISTRIBUTION: March 30, 2022, at 2:00 p.m.
Information current as of March 30, 2022, at 11:23 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: CPAI completed diagnostic logs to verify source controlled.

RESPONSE ACTION: Began source remediation operations – cementing to isolate the C-10 (Halo) formation. No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. Run diagnostic logs. Results will determine how to proceed. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 18

DATE/TIME OF DISTRIBUTION: April 1, 2022, at 1:00 p.m.
Information current as of April 1, 2022, at 12:15 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Volume of gas released is under evaluation.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – cementing to isolate the C-10 (Halo) formation. No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 19

DATE/TIME OF DISTRIBUTION: April 2, 2022, at 3:30 p.m.
Information current as of April 2, 2022, at 10:15 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. *Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22 – copy attached.*

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – cementing to isolate the C-10 (Halo) formation. No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.



Erica Livingston
Wells Chief Engineer

700 G Street, ATO 1502
Anchorage, AK 99510

April 1, 2022

Hand-Delivery

Mr. Jeremy M. Price
Chair, Commissioner
Alaska Oil and Gas Conservation Commission
333 West Seventh Avenue, Suite 100
Anchorage, Alaska 99501-3572

Re: Docket Number: OTH-22-012
Gas Release
Colville River Unit, CD1 Drillsite

Dear Commissioner Price:

On behalf of ConocoPhillips Alaska, Inc. ("CPAI"), and in further response to the March 11, 2022, letter from the Alaska Oil and Gas Conservation Commission ("AOGCC"), the purpose of this letter is to provide AOGCC with an estimate of the volume of gas released in connection with the above-referenced matter. The volume estimate has been reviewed and endorsed by ConocoPhillips technical experts.

The volume of natural gas released into subsurface strata under CD1 that was not captured into CPAI's Alpine Central Facility ("ACF") is estimated at 7.2 million standard cubic feet (MMSCF). Most of the 7.2 MMSCF gas released to the subsurface strata is believed to have escaped to the atmosphere between March 4, 2022, when gas was first detected at CD1, and March 8, 2022, when gas flow was routed through the WD-03 outer annulus into the ACF. Some small amount of gas that was released to the subsurface strata may continue to escape to the atmosphere over time. Gas isotope analysis and cased hole log interpretation was used to identify the source of the gas flow in the WD-03 outer annulus. The volume estimate of natural gas released is based on a source inflow performance relationship defined primarily from observations made while flowing the WD-03 outer annulus to the ACF.

Regards,

A handwritten signature in blue ink that reads "Erica Livingston".

Erica Livingston

cc: (via email)

Kimberley Maher, Alaska Department of Environmental Conservation
Ryan Gross, US Environmental Protection Agency
Evan Osborne, US Environmental Protection Agency



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 20

DATE/TIME OF DISTRIBUTION: April 3, 2022, at 4:30 p.m.
Information current as of April 3, 2022, at 8:51 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – cementing to isolate the C-10 (Halo) formation. No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 21

DATE/TIME OF DISTRIBUTION: April 4, 2022, at 12:00 p.m.
Information current as of April 4, 2022, at 10:55 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – cementing to isolate the C-10 (Halo) formation. No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 22

DATE/TIME OF DISTRIBUTION: April 5, 2022, at 2:30 p.m.
Information current as of April 5, 2022, at 10:38 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – cementing to isolate the C-10 (Halo) formation. No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 23

DATE/TIME OF DISTRIBUTION: April 6, 2022, at 1:30 p.m.
Information current as of April 6, 2022, at 11:28 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – **milling casing to set an open hole cement plug to isolate the C-10 (Halo) formation**. No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 24

DATE/TIME OF DISTRIBUTION: April 7, 2022, at 1:30 p.m.
Information current as of April 7, 2022, at 12:08 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – **currently milling casing to set an open hole cement plug to isolate the C-10 (Halo) formation.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: **As the situation warrants.**



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 25

DATE/TIME OF DISTRIBUTION: April 8, 2022, at 11:30 a.m.
Information current as of April 8, 2022, at 8:54 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – currently milling casing to set an open hole cement plug to isolate the C-10 (Halo) formation. No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02 (restarted 4/6/22), CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 26

DATE/TIME OF DISTRIBUTION: April 11, 2022, at 1:30 p.m.
Information current as of April 11, 2022, at 10:52 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – **completed milling casing on 4/10/22 and performed cleanouts of the BOP stack and well to prepare for cementing operations.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: Refer to the Alpine CD1 Response website (<https://alpineresponse.com>) for information about daily air quality monitoring. No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations – **perform additional well cleanouts and place an open hole cement plug to isolate the C-10 (Halo) formation.** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 27

DATE/TIME OF DISTRIBUTION: April 12, 2022, at 3:00 p.m.
Information current as of April 12, 2022, at 2:29 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – **completed milling casing on 4/10/22 and performed cleanouts of the BOP stack and well to prepare for cementing operations.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations – **place an open hole cement plug to isolate the C-10 (Halo) formation.** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures. Continue to perform air monitoring.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 28

DATE/TIME OF DISTRIBUTION: April 13, 2022, at 12:30 p.m.
Information current as of April 13, 2022, at 9:13 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – **completed milling casing on 4/10/22 and performed cleanouts of the BOP stack; open hole cement plug in place isolating the C-10 (Halo) formation.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations – **wait on cement; clean out excess cement and verify integrity (AOGCC to witness plug integrity verifications).** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 29

DATE/TIME OF DISTRIBUTION: April 14, 2022, at 2:30 p.m.
Information current as of April 14, 2022, at 1:00 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – **pressure test on the open hole cement plug isolating the C-10 (Halo) formation was unsuccessful.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations – **perform a BOPE test while waiting for cement to set. Verify integrity of the cement plug (AOGCC to witness).** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 30

DATE/TIME OF DISTRIBUTION: April 15, 2022, at 3:00 p.m.
Information current as of April 15, 2022, at 12:38 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – **initial pressure test on the open hole cement plug isolating the C-10 (Halo) formation was unsuccessful. Cleaned and tested BOPE 4/14/22. Waiting on cement to set before retesting.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Verify integrity of the cement plug (AOGCC to witness).** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 31

DATE/TIME OF DISTRIBUTION: April 18, 2022, at 2:30 p.m.
Information current as of April 18, 2022, at 10:40 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – **initial pressure test and retest were unsuccessful on the open hole cement plug isolating the C-10 (Halo) formation. Drilled out cement and placed a new cement plug.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Waiting on cement to cure before verifying integrity of the cement plug (AOGCC to witness).** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 32

DATE/TIME OF DISTRIBUTION: April 19, 2022, at 2:30 p.m.
Information current as of April 19, 2022, at 11:20 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022 – initial pressure test and retest were unsuccessful on the open hole cement plug isolating the C-10 (Halo) formation. Drilled out cement and placed a new cement plug. **Waiting for cement to cure.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Waiting on cement to cure before verifying integrity of the cement plug (AOGCC to witness).** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 33

DATE/TIME OF DISTRIBUTION: April 21, 2022, at 1:30 p.m.
Information current as of April 21, 2022, at 10:34 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022. **Cement plug isolating the C-10 (Halo) formation failed plug verifications 4/13/22 and 4/15/22; cement plug drilled out and new cement plug in place on 4/16/22; failed plug verification and cement plug drilled 4/19/22; new cement plug in place 4/20/22.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Waiting on cement to cure before verifying integrity of the cement plug (AOGCC to witness).** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 34

DATE/TIME OF DISTRIBUTION: April 22, 2022, at 2:00 p.m.
Information current as of April 22, 2022, at 11:04 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022. Cement plug isolating the C-10 (Halo) formation failed plug verifications 4/13/22 and 4/15/22; cement plug drilled out and new cement plug in place on 4/16/22; failed plug verification and cement plug drilled 4/19/22; new cement plug in place 4/20/22. **Wait on cement to cure. Tagged cement top high and drilled down to target depth.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Verify integrity of the cement plug (AOGCC to witness a tag and pressure test). Move up the well to set a plug at the surface casing shoe.** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 35

DATE/TIME OF DISTRIBUTION: April 26, 2022, at 8:30 a.m.
Information current as of April 25, 2022, at 3:37 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022. **Well abandonment operations on well WD-03 continue. Cement plug isolating the C-10 (Halo) formation was successfully pressure tested over the weekend. Bridge plug was set and passed a pressure test for the next cement plug.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Test blowout prevention equipment on Doyon Rig 142 and place cement on bridge plug.** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 36

DATE/TIME OF DISTRIBUTION: April 26, 2022, at 1:30 p.m.
Information current as of April 26, 2022, at 10:30 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022. **Well abandonment operations on well WD-03 continue. Cement placed on top of bridge plug; wait for cement to strengthen. Successfully tested blowout prevention equipment on Doyon 142.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Cement plug verification and prepare to cut casing.** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 37

DATE/TIME OF DISTRIBUTION: April 27, 2022, at 4:00 p.m.
Information current as of April 27, 2022, at 12:29 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022. Well abandonment operations on well WD-03 continue. **Performed an AOGCC-witnessed tag for verification of the cement plug. Cut 7 5/8-inch casing.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Pull 7 5/8-inch casing from the well.** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 38

DATE/TIME OF DISTRIBUTION: April 28, 2022, at 4:30 p.m.
Information current as of April 28, 2022, at 10:16 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022. Well abandonment operations on well WD-03 continue. **Pulled 7 5/8-inch casing.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Continue to pull 7 5/8-inch casing from the well.** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 39

DATE/TIME OF DISTRIBUTION: April 29, 2022, at 1:30 p.m.
Information current as of April 29, 2022, at 9:12 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022. Well abandonment operations on well WD-03 continue. **Completed pulling 7 5/8-inch casing.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Preparing to pump cement plug across the 13 3/8-inch surface casing shoe.** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.



ALASKA OIL AND GAS CONSERVATION COMMISSION

SITUATION REPORT (SITREP)

Alpine CD 1 Natural Gas Release



SITREP #: 40

DATE/TIME OF DISTRIBUTION: May 2, 2022, at 1:00 p.m.
Information current as of May 2, 2022, at 10:09 a.m.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc. (CPAI)

INCIDENT LOCATION: Colville River Unit, Alpine Field, CD1 drillsite 70.34263N 150.92861W

DATE/TIME OF INCIDENT: March 4, 2022, at 3:25 a.m.

HOW/WHEN RELEASE WAS DISCOVERED AND REPORTED: Gas release first observed from ground at wellhouse of well CD1-05. Natural gas releases occurred at 7 wells on CD1 drillsite and through cracks on the pad near Doyon Rig 142.

TYPE/AMOUNT OF PRODUCT SPILLED: Natural gas since March 4, 2022, and 590 gallons of saline water on March 9, 2022 through March 10, 2022. Initial estimate of natural gas released is 7.2 million cubic feet according to a letter from CPAI to AOGCC dated 4/1/22.

CAUSE OF RELEASE: Under evaluation

SOURCE CONTROL: Continue source remediation operations.

RESPONSE ACTION: Began source remediation operations 3/30/2022. Well abandonment operations on well WD-03 continue. **Set a cement plug across the 13 3/8-inch surface casing shoe. Verified plug integrity with AOGCC witness. Set and successfully pressure tested a bridge plug inside the 13 3/8-inch casing at 256 feet for the surface abandonment plug.** No change to gas sample interpretations and diagnostic logs regarding the source of natural gas. CPAI reports fluctuating low levels of gas inside wellhouses since the startup of produced water injection. There has been no gas detected outside of the wellhouses.

RESOURCES AT RISK OR AFFECTED: No change to production from other Colville River Unit and Greater Mooses Tooth Unit drillsites.

FUTURE PLANS: Continue source remediation operations. **Remove BOP stack, perform the final surface plug cementing, and install a dry hole tree on WD-03. Doyon 142 will then be moved from WD-03.** All wells on CD1 drillsite remain shut in except waste injection in well CD1-01A and produced water injection in CD1-02, CD1-03 and CD1-05. CPAI continues to monitor the CD1 drillsite well row for gas releases and well pressures.

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.