



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.