



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).