



## 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.*