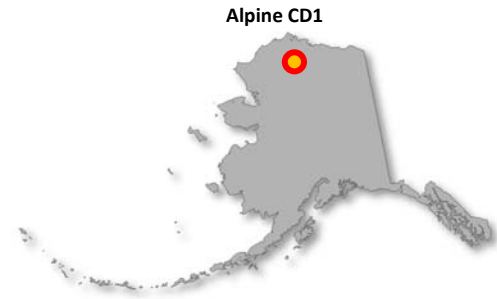




ALASKA OIL AND GAS CONSERVATION COMMISSION

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.