

# Cook Inlet Oil and Gas Activity

State of Alaska, Department of Natural Resources, Division of Oil and Gas, as of October 2018

## Division of Oil and Gas

Issued call for substantial new information for Spring 2019 Alaska Peninsula Areawide oil and gas lease sale. Deadline for receiving information is October 26, 2018. Issued preliminary best interest finding for proposed Cook Inlet Areawide oil and gas lease sales, 2019-2028.

Visit

<http://list.state.ak.us/mailman/listinfo/DOG.Licensing> to subscribe to leasing announcements.

## Division of Oil and Gas

Soliciting Statewide Nominations of Lands with geothermal resources for potential future disposal.

## Amaroq Resources (Previously Aurora Exploration)

Nicolai Creek Unit 2018 plan included three well cleanouts and drilling NCU 12 well targeting Beluga and Upper Tyonek gas sands. Anticipated negotiating purchase of Apache's 3D seismic shot in 2012 to evaluate future exploration targets.

## Hilcorp

Planning to sidetrack a well from the Monopod platform in the Trading Bay Unit into the North Trading Bay field in an attempt to restore unit production. Sidetrack will target Tyonek G and Hemlock reservoirs.

## Glacier Oil and Gas

Requested that the state contract Redoubt Unit and form new participating area, South Stepout.

## BlueCrest Alaska

Conducted multi-stage frac job on H14 well and brought well into production. Drilled H12 well with seven fish bone laterals and brought well into production. Plan to redrill H16 well this Fall. Plan to drill another well, H4, early 2019 to test southern extent of reservoir. After reviewing results of this well, plan to determine possible location for H11 well.

## Hilcorp

Planning to drill two gas exploration wells, Seaview 8 and 9, from Seaview pad. Wells will evaluate the Lower Tyonek, Hemlock and deeper formations. Previously drilled seven shallow stratigraphic test wells in the area last year.

## Doyon-CIRI

Totchaket 1 drilled this summer; encountered several gas shows but did not find commercial quantities of oil or gas.

## Division of Oil and Gas

Approved exploration license application in Houston-Willow area to Samuel Cade and Daniel Donkel.

## Furie

Completed KLU A-1 development well in Corsair block, with initial gas production from lower and middle Sterling zones. Drilled the KLU A-4 development well into Tyonek to evaluate identified 3D amplitude targets. Added perforations to KLU 3 at the Beluga interval. Contracted new technical team to evaluate previously acquired 3D seismic data and propose exploratory drilling targets over next several years. May drill one new development well in 2019 to stratigraphic equivalent of Sterling flow tested zones and add perforations to KLU A-2A and 3.

## Hilcorp

Evaluating well work opportunities and maintaining gas production from Beluga Upper Tyonek Formations at Cannery Loop Unit. Production anticipated to remain close to 10 MMSCF/D through July 2019.

## Hilcorp

Completed development wells Kalotsa 1-4 and seven stratigraphic test wells in 2017. Data from the stratigraphic test wells are being used to design proposed Pearl 2A well which may be drilled mid-2019. Conducted Grassim Oskolkoff PA field study that identified six new drill well prospects within PA. Mandatory unit contraction delayed until May 31, 2020.

## Hilcorp

Planning to drill two to four stratigraphic test wells targeting the Sterling and Beluga Formations by mid-2019. Exploratory drilling program in 2019 will be based on the results of the 2018 stratigraphic test wells. Delaying mandatory unit contraction until May 31, 2019.

## Hilcorp

Fracture stimulation of Red 1 well in 2017 yielded a ten-fold initial gas rate increase followed by steep initial decline. 2018 plan anticipates continued production, which averaged 527 MSCF/D in September.

## Exploratory and Stratigraphic Test Wells Spud

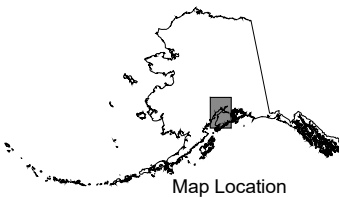
- 2017
- 2016

Existing Wells Approved for Gas Storage



Oil & Gas Units

0 5 10 Miles



The accuracy of this map is subject to pending decisions currently on appeal and other administrative actions. Please visit [www.dog.dnr.alaska.gov/Information/MapsAndGIS](http://www.dog.dnr.alaska.gov/Information/MapsAndGIS) to see our most current maps.