

North Slope Oil and Gas Activity

State of Alaska, Department of Natural Resources, Division of Oil and Gas, as of May 2019

Beaufort Sea



Caelus
Hoping to drill a well at Smith Bay in 2021. Seeking investor/partner for project.

Division of Oil and Gas
Additional tax credit datasets have been publicly released to Alaska Geologic Materials Center (Sagwon 2D and Rock Flour South 2D). Datasets from two more surveys (Big Island/North Island 3D and Aklaq, Smith Bay, Simpson 3D) to be released late Summer.

ConocoPhillips
Applied to expand Colville River Unit by 3,200 acres. Planning to drill up to 14 development wells at unit during 2019-Q1 2020, including up to six new Qannik wells. Plan to install associated facilities. Applied to for new PA, Fiord West Kuparuk. Ninth expansion approved.

National Petroleum Reserve - Alaska

Oil Search
Plan to drill three Horseshoe wells and acquire new seismic during 2019-2020 winter season. Data will help in deciding whether to build standalone facility for Horseshoe or tie into existing Pikka facility.

Oil Search
Pikka B/B ST1 were drilled and flowed at 2,410 BOPD. Pikka B objective was to tie down resource volumes in the field by drilling into and coring Nanushuk sands and well testing. Pikka C/C ST1 also drilled and flow tested at over 860 BOPD. Objectives of Pikka C were to reduce uncertainty regarding production characteristics by drilling into Nanushuk, evaluating reservoir characteristics, drilling a lateral, and then a flow test. Expecting front-end engineering and design commitment by mid-2019. First oil expected 2023.

TGS-NOPEC
Plan to conduct Barrow Arch 3D seismic survey during 2019 and 2020 open water seasons.

Eni
Entered into an agreement with Caelus to acquire 70% ownership of Oooguruk field. Plan to drill more production wells at Oooguruk and Nikaichuq.

Hilcorp
Plan to drill up to 29 new wells with 16 in Milne Point Unit plus up to 16 Workovers. New Moose pad is online, initial production rate is 3k BOPD, peak production expected to be 22k BOPD.

Eni
Drilling continuing at Nikaichuq North 1.

Hilcorp
Working on two rig well workover projects, well optimizations, and evaluation of shut-in wells and possible return to service at Northstar Unit.

BOEM
Preparing EIS for potential 2019 Beaufort Sea OCS oil and gas lease sale.

Jade Energy
Planning to drill exploratory well from Area F in Point Thomson Unit during 2019-2020 winter drilling season. Based on this data, may drill additional lateral into the Brookian reservoir and production test. If warranted, development drilling will begin during the 2020-2021 season.

Hilcorp
Duck Island Unit – planning to pursue optimizations, up to five well workovers, and major facility projects.

BP Exploration
Shooting 3D seismic over Greater Prudhoe Bay area. Data will be integrated with previous North Prudhoe seismic survey to give clear picture of the subsurface across all of PBU. Drilled methane hydrate test well in Prudhoe Bay Unit in December along with several partners. Planning to obtain vertical seismic profile. Project to determine viability of methane hydrates being a commercial and technical unconventional natural gas resource.

Glacier Oil and Gas
Applied for ACE permit to build additional gravel pad at Badami Unit to accommodate up to 10 new wells.

Oil Search
Purchased 50% interest in a 195,200-acre block on eastern North Slope leased by Lagniappe Alaska.

SAExploration
Planning to shoot Marsh Creek 3D seismic survey in ANWR 1002 area. Survey will encompass entire 1002 area. Also planning to shoot Staines 3D seismic survey on state lands east of Deadhorse.

Brooks Range
First oil expected from Mustang oil field Spring 2019. Anticipate production of ~1k BOPD from North Tarn 1A. Plan to use early production facility temporarily and eventually install permanent processing facilities.

SAExploration & Kuukpik
Planning to conduct Kuukpik 3D seismic survey south of the Horseshoe well. Survey to begin winter 2019 and continue during winter of 2020.

Great Bear Petroleum
Plugged and abandoned Winx 1. Conducted wireline logging program which indicated low oil saturations in Nanushuk and Torok objectives. Plan to integrate well data with Nanuq 3D to evaluate prospectivity on Western leases.

Alaska Gasline Development Corporation
Signed collaboration agreement with BP and ExxonMobil to advance Alaska LNG project. The parties seek to identify ways to make the project more competitive and progress FERC authorization to construct the project.

Division of Oil and Gas
Issued preliminary best interest finding for proposed Beaufort Sea Areawide oil and gas lease sales from 2019-28 and call for new information for North Slope and North Slope Foothills Areawide sales.

Great Bear Petroleum
Pantheon acquired Great Bear Petroleum assets in January. Re-entered and flow tested Alkaid 1. Perforated and flow tested six-foot Brookian interval at 80-100 BOPD light oil (40-degree API). Also tested West Sak interval and encountered brackish water. Plan to suspend and freeze protect wellbore for future use.

Exploratory Wells Spud

- 2019
- 2018
- 2017

Oil & Gas Unit Boundary

Map Location

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 to see our most current maps.

