

# North Slope Oil and Gas Activity 2012

State of Alaska, Department of Natural Resources, Division of Oil and Gas, December 2012



Beaufort Sea

Teshkepuk Lake

National Petroleum Reserve - Alaska

Arctic National Wildlife Refuge

**Chukchi Sea OCS**  
**Shell**  
 Drilled top hole for Burger-A, first new well in Chukchi Sea OCS during fall, 2012. Noble Discoverer drillship will return for additional drilling on prospect in 2013.  
**Statoil**  
 Preparing exploration plan for 2015 drilling season, with initial activity anticipated at Amundsen prospect.

**Department of the Interior**  
 Five-year oil and gas leasing program includes 2016 sale in Chukchi Sea and 2017 sale in Beaufort Sea.

**ENI**  
 Added 5 producers, 7 injectors, and 1 water supply well at Nikaitchuq Unit Schrader Bluff PA in 2012.

**Pioneer Natural Resources**  
 Plans Nuna 2 well and additional testing of Nuna 1 this winter to delineate potential 50 MMBO Torok Fm discovery. Production continues from Kuparuk and Nuiqsut PAs.

**BP**  
 Milne Point S-Pad heavy oil pilot: cold heavy oil production with sand (CHOPS) technology in 4 Ugnu sandstone test wells.

**Shell**  
 Drilled top hole for Sivulliq well during fall, 2012; first of its new wells in the Beaufort Sea OCS. Kulluk floating drilling vessel will return to drill at Sivulliq and Torpedo prospects in 2013.

**Conoco Phillips**  
 CD-5 Alpine West project sanctioned, to expand Colville River Unit production to west. First oil expected by 2016.  
 Plans two or more wells on Cassin prospect in Bear Tooth unit (NPRA).

**Repsol**  
 Three-rig exploration program planned this winter in between Colville River Unit and Kuparuk River Unit; Qugruk 1, 3, and 6 wells.

**Brooks Range Petroleum**  
 Voluntarily contracted 23 of 30 leases out of Beechey Point Unit.

**BP**  
 Suspended plans for ultra-extended reach development of 100 MMBOR Liberty accumulation.

**Exxon**  
 Point Thomson pipeline lease and wetlands permits issued fall, 2012 to allow development; first condensate production by winter of 2015-16.

Bear Tooth

Greater Mooses Tooth

Colville River

Kachemach

Kuparuk River

Prudhoe Bay

Deadhorse

Liberty

Badami

Point Thomson

**Brooks Range Petroleum**  
 Construction to begin this winter on Mustang production pad in Southern Miluveach Unit, targeting up to 44 MMBOR in Kuparuk Fm, first oil in 2014. Plans include a delineation well and sidetrack at Tofkat unit.

**ConocoPhillips/NETL**  
 Ignik Sikumi 1 methane hydrate test well successfully produced via hydrate CO2/nitrogen exchange and depressurization mechanisms.

**Great Bear Petroleum, LLC**  
 Drilled the first two vertical holes to evaluate shale play, Alcor 1 and Merak 1; evaluating cores and logs before drilling laterals; revised plans to provide for long-term tests.

**Linc Energy**  
 Preparing for 2013 winter drilling at Umiat field, mobilizing Kuukpik 5 rig via snow road from Pump Station 2 to drill up to 4 wells.

**Anadarko Petroleum**  
 Conducted rig-less frac and test of Chandler 1 well in early 2012.

**Roads to Resources Program**  
 EIS in progress to evaluate Foothills West transportation corridor to connect Umiat and Gubik to road system and promote exploration of foothills plays.

**Division of Oil and Gas**  
 Areawide lease sales scheduled for November, 2013, encompassing 14.7 million acres in North Slope, Beaufort Sea, and North Slope Foothills sale areas.

0 10 20 Miles

- Wells Drilled 2012
- Wells Drilled 2011
- Wells Drilled 2010
- Units
- Alaska Seaward Boundary
- Dalton Highway
- Trans Alaska Pipeline

