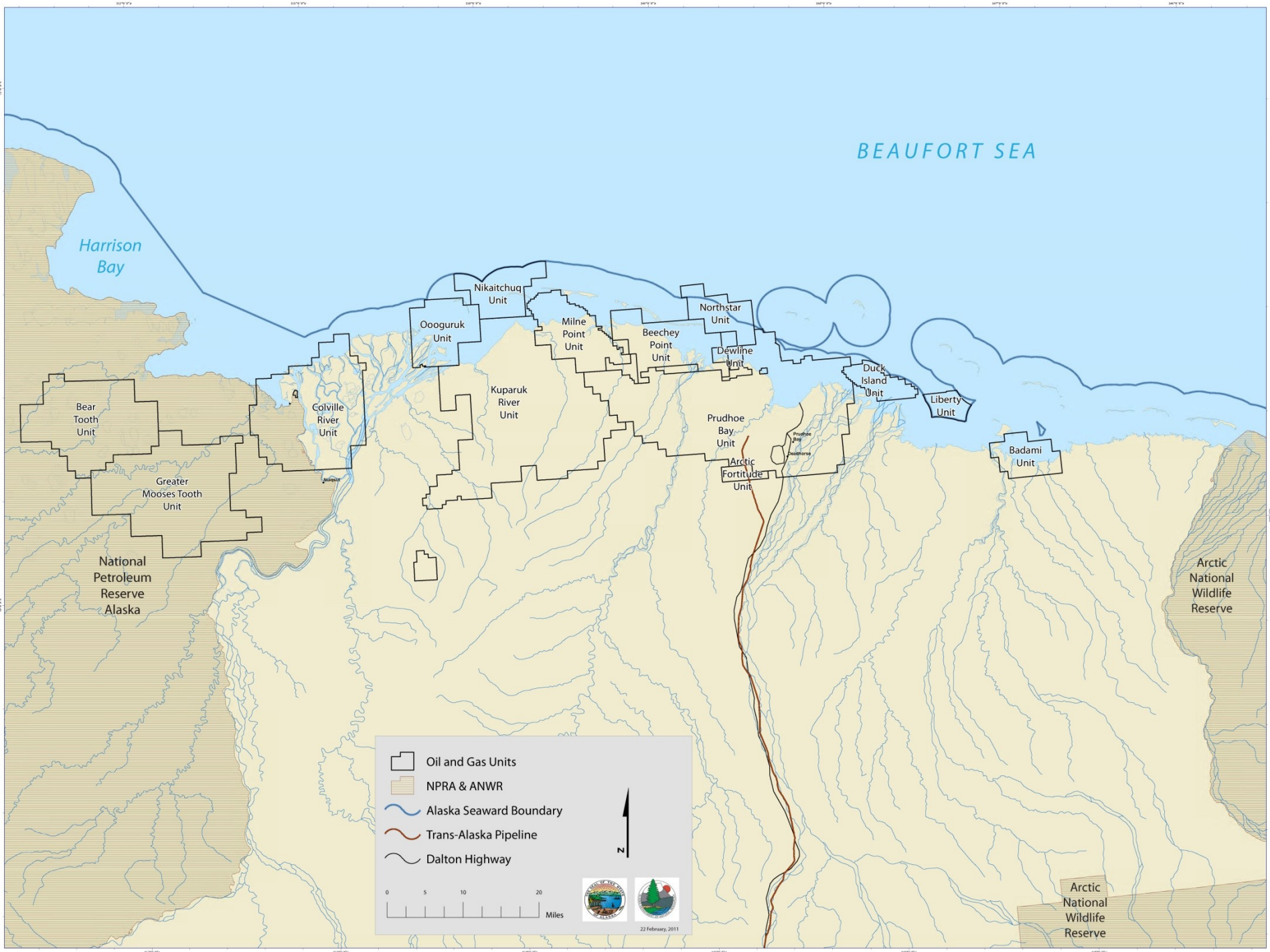
Northern Alaska and Arctic OCS Resource Estimates



Kevin Banks, Director

February 2011


BEAUFORT SEA
Harrison Bay
Nikaitchuq Unit
Oooguruk Unit
Milne Point Unit
Beechey Point Unit
Northstar Unit
Dewline Unit
Duck Island Unit
Liberty Unit
Kuparuk River Unit
Colville River Unit
Bear Tooth Unit
Greater Mooses Tooth Unit
Prudhoe Bay Unit
Arctic Fortitude Unit
Badami Unit
Nuiqsut
Prudhoe Bay
Deadhorse
National Petroleum Reserve Alaska
Arctic National Wildlife Reserve
Arctic National Wildlife Reserve
Oil and Gas Units
NPRA & ANWR
Alaska Seaward Boundary
Trans-Alaska Pipeline
Dalton Highway
N
0
5
10
20
Miles
22 February, 2011

North Slope "Reserves" Estimates

Developed or Delineated

	Oil Remaining MMBO	Gas Remaining BCF
Barrow		34
Colville River	420	400
Duck River	102	843
Kuparuk River	990	600
Milne Point	210	
Northstar	64	450
Prudhoe Bay	2,450	24,500
Oooguruk	73	
Nikaitchuq	187	
Liberty	114	
Point Thomson	417	8,000
NPRA	140	
Total North Slope	**5,166**	**34,827**

Source: Div. of Oil and Gas, 2009 Alaska Oil & Gas Report

North Slope and Arctic OCS

Discovered Undeveloped Resource Estimates

	Oil – Recoverable Resource MMBO	Gas – Recoverable Resource BCF
Umiat	70 – 300(?)	
Gubik		600(?)
Sivulliq (aka Hammerhead)	100 – 200	
North Tarn	27 – 72	
Kuvlum	160 – 300	
Sandpiper	12	
FEX NPRA	300 – 400(?)	
Total Alaska/Beaufort	**1,299 – 1,984**	**600**

Various sources.

Other North Slope and Arctic OCS

Undeveloped Resource Estimates

- Ugnu (Kuparuk/Milne Point area)
  - Up to 20 billion barrels of ***heavy*** oil in-place
  - BP conservatively estimates that roughly 10 percent may be recoverable, 2 billion barrels
- Burger (Chukchi Sea)
  - 31 million to 1.7 billion barrels of condensate in-place
  - 8 to 27 TCF natural gas in-place