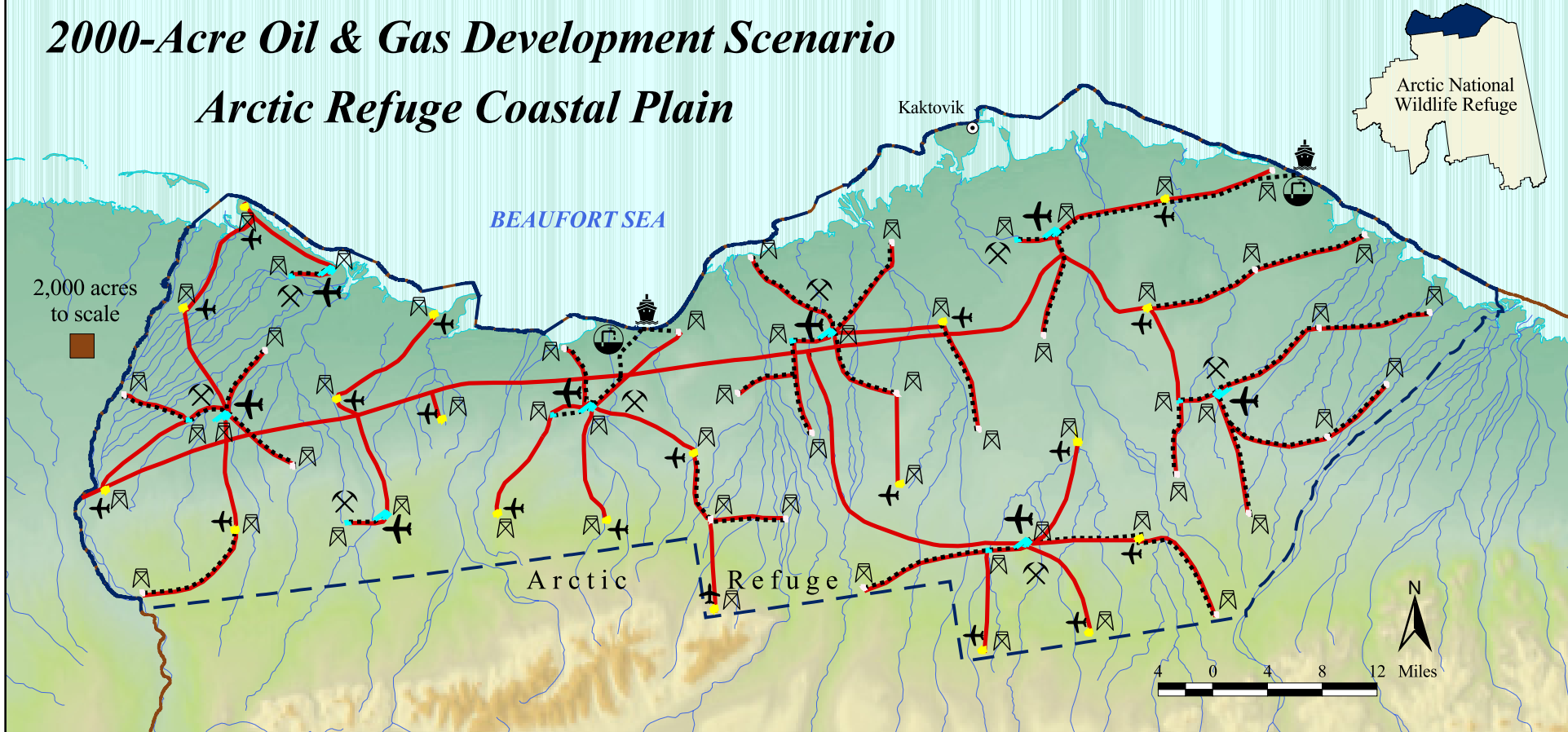


# 2000-Acre Oil & Gas Development Scenario






## Arctic Refuge Coastal Plain






This development scenario illustrates the industrial sprawl that is possible with the 2,000 acre “limitation” in previous House Energy Bills (H.R.4 and H.R.6).

It is based on information from the United States Geological Survey (2001) that potential oil and gas in the Refuge is not located in one “elephant” field, but is scattered across the coastal plain in smaller pockets. It uses the 4 mile directional drilling reach commonly cited by drilling proponents even though industry average drilled on the North Slope in 2004 was 1.2 miles.



### *Facilities included in the 2,000-acre maximum:*

-  8 main production pads @ 82 acres each (Central Processing Pad with housing, storage, drilling; second Drill Site; airstrip)
-  19 Satellite fields @ 37 acres each (Drill Site, airstrip or storage pad)
-  26 Satellite fields @ 11 acres each (Drill Site)
-  2 Docks @ 5 acres each (1,100 foot long solid-fill gravel causeway like Badami)
-  2 Seawater treatment Plants @ 100 acres each

### *Facilities not subject to the 2,000-acre limitation:*

-  Roads (in-field roads; main roads to docks, etc.)
-  Pipelines (main trunk and sales lines, feeder lines; except negligible amount for support posts (VSM's))
-  8 Gravel Mines @ 150 acres each

### *Facilities and activities not subject to the 2,000-acre limitation that are not mapped:*

- Seismic exploration trails
- Exploration and delineation wells
- Water reservoir excavations, Water withdrawal sites
- Ice roads
-  Arctic Refuge Coastal Plain (1002 Area)
-  Arctic National Wildlife Refuge