

# Cook Inlet Basin: Resources and Infrastructure



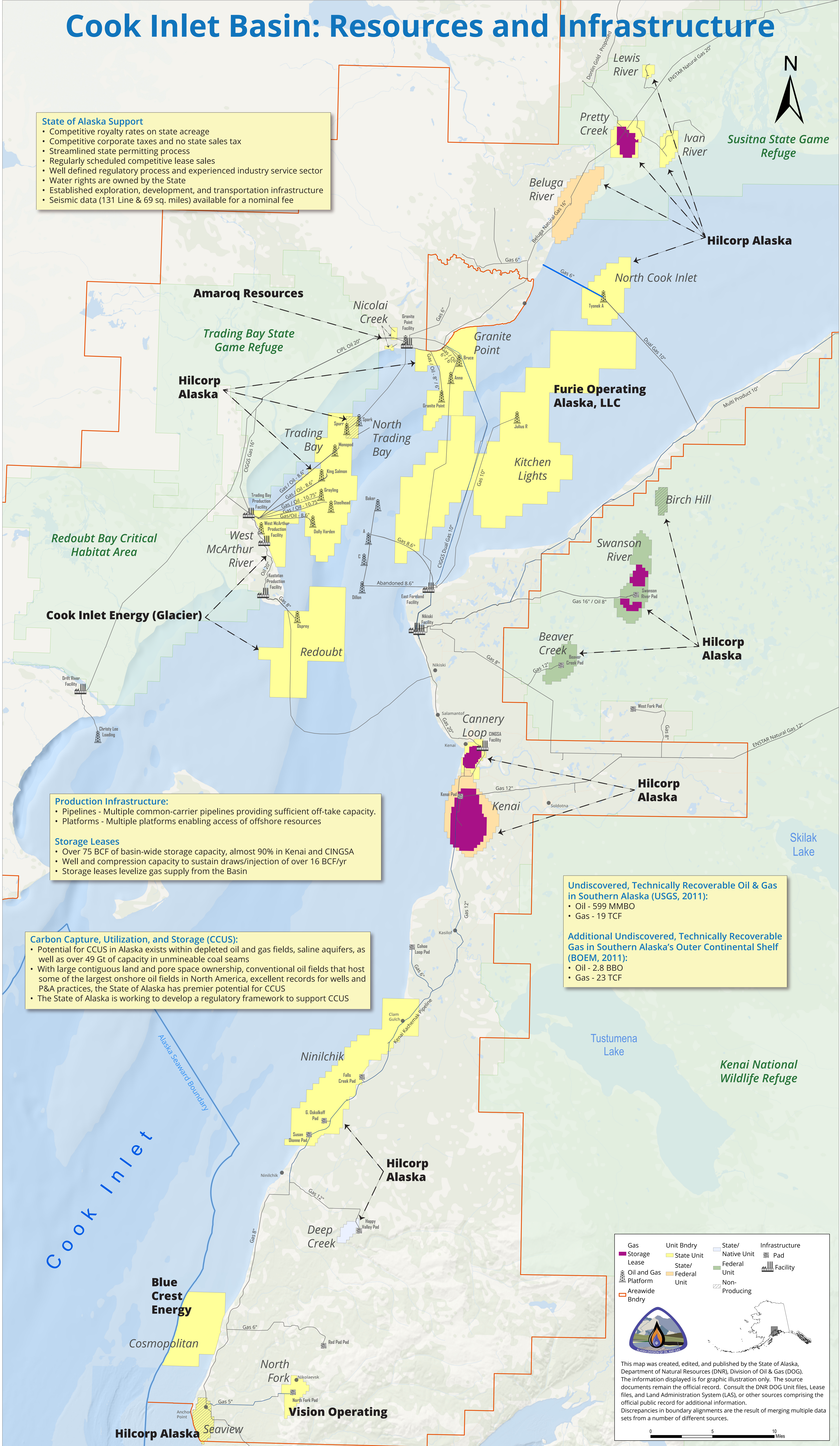
- State of Alaska Support**
- Competitive royalty rates on state acreage
  - Competitive corporate taxes and no state sales tax
  - Streamlined state permitting process
  - Regularly scheduled competitive lease sales
  - Well defined regulatory process and experienced industry service sector
  - Water rights are owned by the State
  - Established exploration, development, and transportation infrastructure
  - Seismic data (131 Line & 69 sq. miles) available for a nominal fee

- Production Infrastructure:**
- Pipelines - Multiple common-carrier pipelines providing sufficient off-take capacity.
  - Platforms - Multiple platforms enabling access of offshore resources
- Storage Leases**
- Over 75 BCF of basin-wide storage capacity, almost 90% in Kenai and CINGSA
  - Well and compression capacity to sustain draws/injection of over 16 BCF/yr
  - Storage leases levelize gas supply from the Basin

- Carbon Capture, Utilization, and Storage (CCUS):**
- Potential for CCUS in Alaska exists within depleted oil and gas fields, saline aquifers, as well as over 49 Gt of capacity in unmineable coal seams
  - With large contiguous land and pore space ownership, conventional oil fields that host some of the largest onshore oil fields in North America, excellent records for wells and P&A practices, the State of Alaska has premier potential for CCUS
  - The State of Alaska is working to develop a regulatory framework to support CCUS

- Undiscovered, Technically Recoverable Oil & Gas in Southern Alaska (USGS, 2011):**
- Oil - 599 MMBO
  - Gas - 19 TCF

- Additional Undiscovered, Technically Recoverable Gas in Southern Alaska's Outer Continental Shelf (BOEM, 2011):**
- Oil - 2.8 BBO
  - Gas - 23 TCF



Gas Storage Lease	Unit Bndry	State/ Native Unit	Infrastructure
Oil and Gas Platform	State/ Federal Unit	Federal Unit	Pad
Areawide Bndry		Non-Producing	Facility

ALASKA DEPARTMENT OF NATURAL RESOURCES

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0 5 10 Miles