Newfoundland Labrador

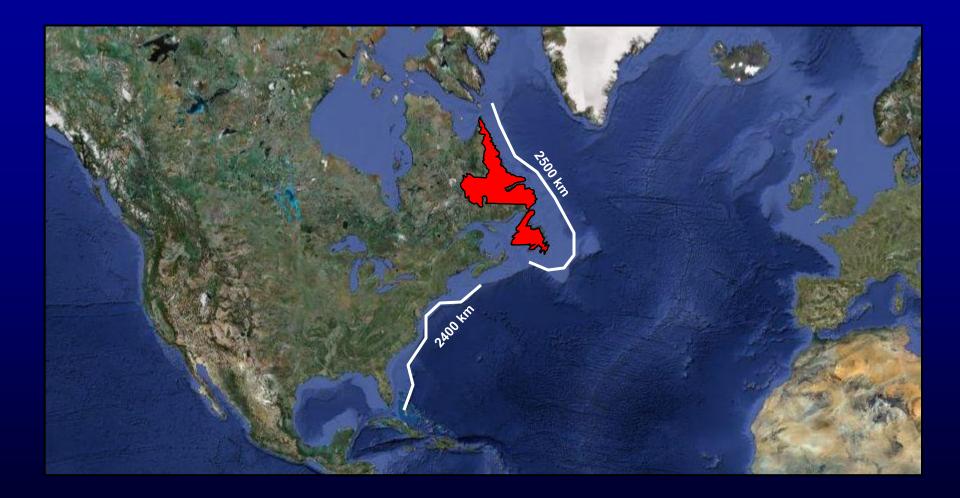
David Middleton Director of Petroleum Geoscience Department of Natural Resources Government of Newfoundland and Labrador, Canada

Location



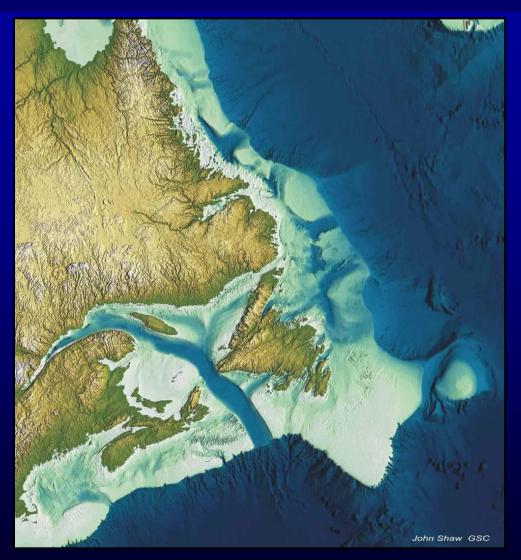


Location





Overview



- Total Land Area in excess of 800,000km² (200 Million acres).
- Average Block size 100x the size of US Gulf of Mexico Blocks.
- Numerous sedimentary basins, very lightly explored.

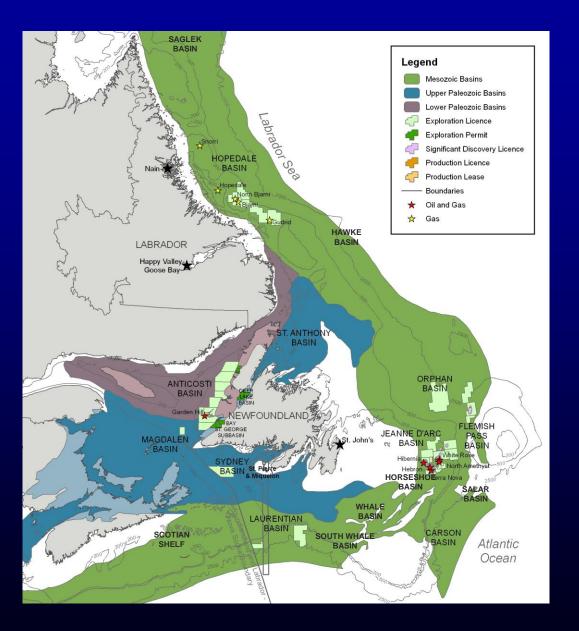
>3 Billion barrels oil, >11 Tcf gas &
>500MM barrels NGLs discovered so far. Undiscovered estimated at 6 Bbbl oil and 60 Tcf. 1.2 Billion barrels produced to date.

One producing basin so far, Jeanne d'Arc, averaging 275,000 bopd production.
Significant Discovery now in Flemish Pass.

< 10% currently held under licence

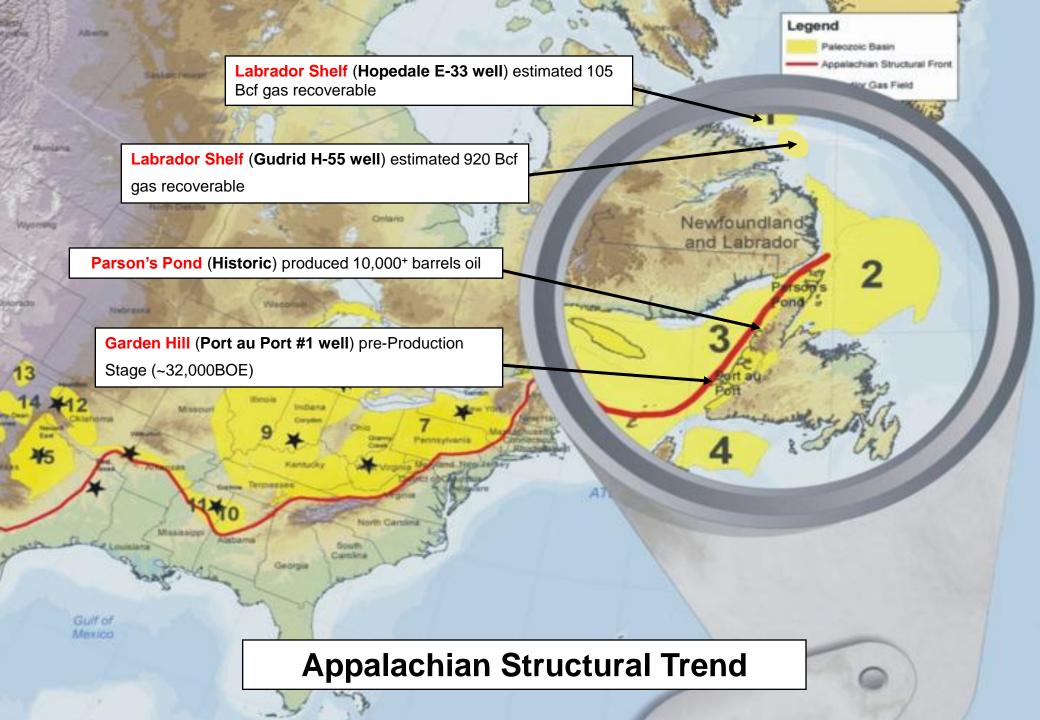


Prospective Sedimentary Basins

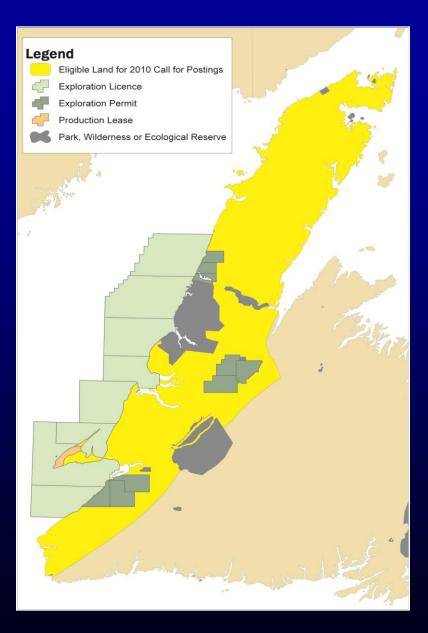


Numerous sedimentary basins with significant hydrocarbon potential, from Mesozoic to Palaeozoic age

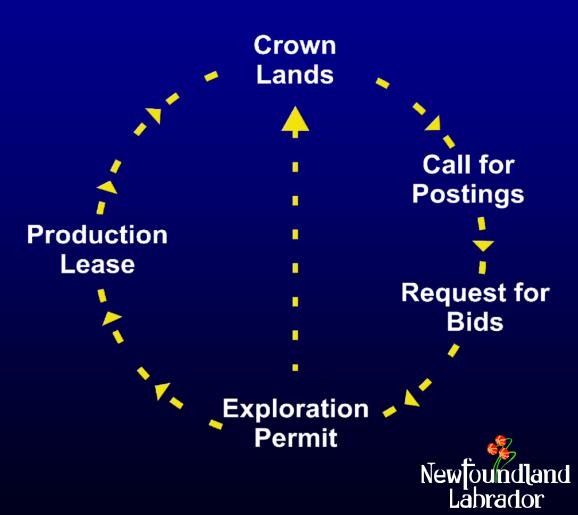




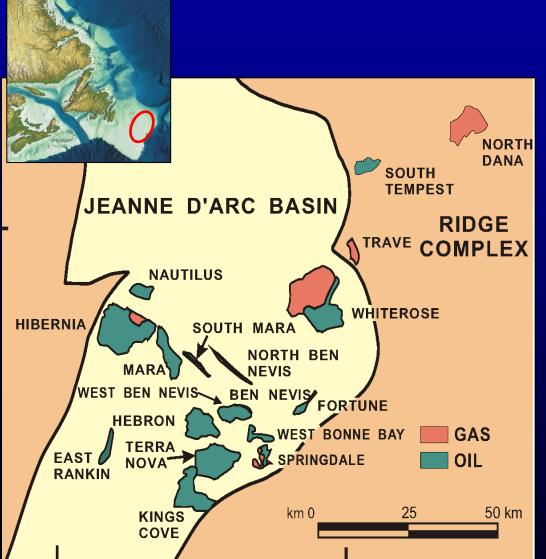
Onshore Bid Round 2011



Onshore Land Rights – Issuance Process



Significant Discoveries: Grand Banks



Four Major Oil Projects:

- Hibernia: 1395 mmbls; 2 tcf
- Terra Nova: 419 mmbls; 45 bcf
- White Rose: 373 mmbls; 3.3 tcf
- Hebron: 581 mmbls; 0.4 tcf (first oil expected 2017)
- Total Discovered: 3 Bbbls oil, 6.8TCF gas, 380 MMbbls NGLs

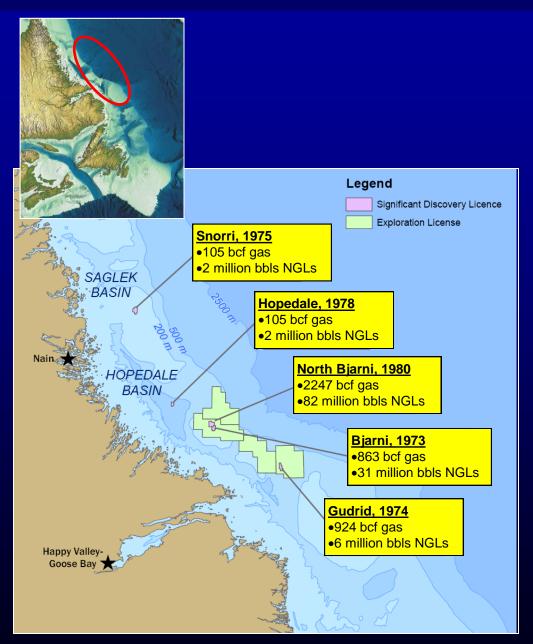






Labrador

Hopedale & Saglek Basins



Hopedale Basin and Saglek Basins approx 300,000km². Lightly explored in 70's and 80's with 2D seismic, 28 wells drilled.

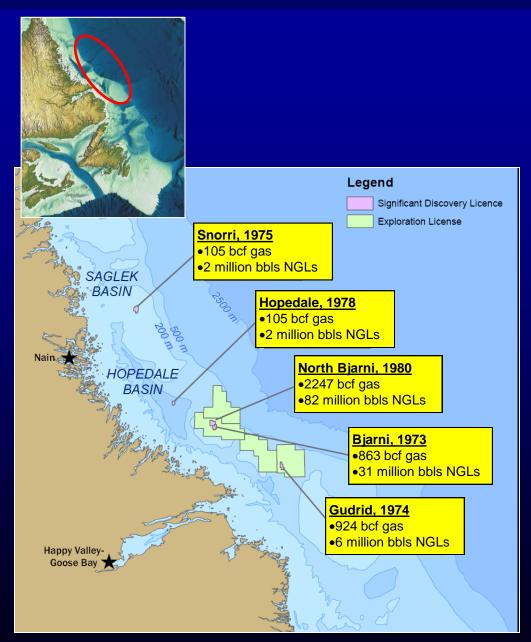
5 large gas discoveries made
while searching for oil 1973-1980.
4.2 Tcf gas & 123MMbbls NGLs.

 Additional large discovery made in North Saglek Basin (outside Labrador territory), Hekja (1979), 2.3Tcf.

Undiscovered gas potential estimated at 22Tcf (Hopedale Basin, Drummond 1998, Bell & Campbell 1990, Enachescu 2006).

> NewFoundland Labrador

Hopedale Basin Petroleum Exploration



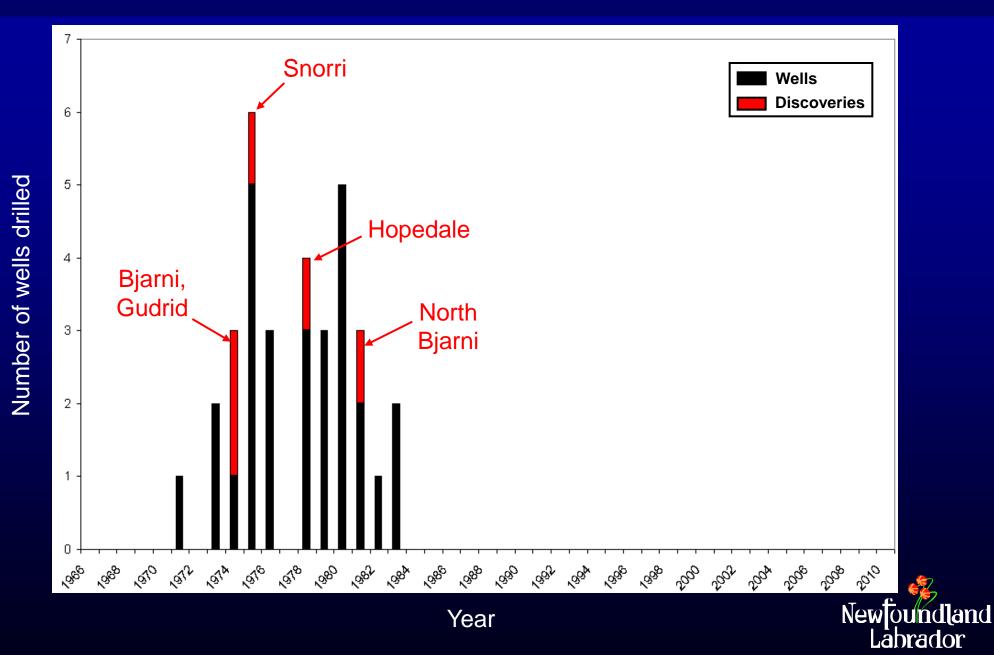
 16 valid wells drilled in Hopedale Basin to date (last well 1983), leading to 5 significant discoveries.

Success rate 31%, very high for frontier basin.

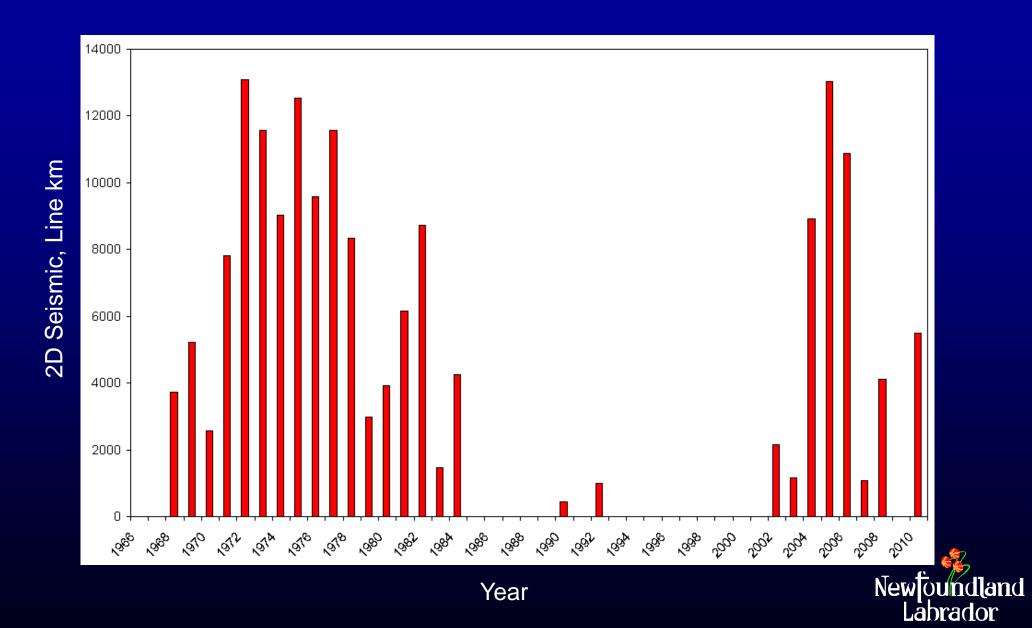
Success rate (notwithstanding exploration exclusively for oil) would be significantly better if using modern seismic technology – vintage seismic, no application of seismic inversion, 3D seismic, AVO analysis, search for subtle strat-traps, play fairway analysis CSEM surveying. Historic "Drill the bumps" approach.

Labrador

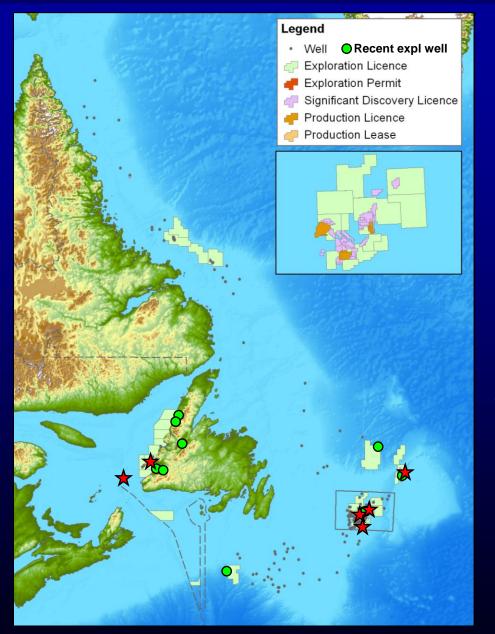
Labrador Exploration History – Wells & Discoveries



Labrador Exploration History – Seismic Acquisition



Exploration Activity 2011-2012: Wells



Dragon Lance et al Shoal Point 3K-39, Port au Port Peninsula drilling ahead. Oil-in-shale play targeting Green Point Shale Fm.

Suncor Ballicatters M-96z, Jeanne d'Arc Basin drilling ahead, nearing completion. Sidetrack of Ballicatters M-96.

Corridor Resources submitted project description for EA for drilling of "Old Harry" Prospect following geohazard survey, Gulf of St. Lawrence.

Statoil Exploration well targeting LKK & UJJ, Jeanne d'Arc Basin.

Statoil Delineation well on Mizzen Significant Discovery, Flemish Pass Basin.

Husky assumed planning re-entry on Glenwood prospect. Extended EL by year by making drilling deposit.

Labrador

Summary & Conclusions

- > >3 Billion bbls Oil and >11 Tcf Gas discovered to date.
- Daily production around 275,000 bopd (2010).
- > 1.2 Billion bbls light crude Oil produced since first oil in 1997.
- Vast area, very lightly explored to date. Numerous prospective basins.

Active exploration in offshore area, open to new entrants. New discovery in Flemish Pass Basin. First bid round since 2002 in onshore area and new offshore bid round to expected to be announced imminently.

- > Favourable fiscal regime, geopolitically stable.
- Proximity to North American and European markets.

