

OVERVIEW OF PREVIOUS OIL AND GAS LICENCING AND ACTIVITIES

- SEA Study Area includes an approximately 680,000 km² area offshore Eastern Newfoundland
- Existing Licences for offshore oil and gas activities include:
 - 19 Exploration Licences
 - 52 Significant Discovery Licences
 - 11 Production Licences

Exploration

- Offshore exploration activities may include:
 - 1) *Seismic and Other Geophysical Surveys*: Using geophysical methods to locate and map potential petroleum reservoirs
 - 2) *Drilling of Wells*: To confirm the presence or define the extent of a petroleum reservoir
- Past exploration activities in the SEA Study Area:
 - 380,000 line km of 2D seismic and 1,650,000 CMP km of 3D data (1964 - 2012)
 - 315 wells drilled (1966 - 2013)

Production

- Several producing oil fields (approximately 1.3 billion barrels produced to date), with one under development:

Hibernia Oilfield: Discovered in 1979
 Production since Nov 1997 (GBS)
 Reserve estimates: Approx 1.4 billion barrels (as of April 25, 2013)
 + Hibernia South Extension (2011)



Terra Nova Oilfield: Discovered in 1984
 Production since Jan 2002 (FPSO)
 Reserve estimates: Approx 500 million barrels (as of April 25, 2013)



White Rose Oilfield and Satellite Expansions: Discovered in 1984
 Production since Nov 2005 (FPSO)
 Reserve estimates: Approx 300 million barrels (as of April 25, 2013),
 incl White Rose Expansion Fields
 - North Amethyst (May 2010)



Hebron Oilfield: Discovered in 1980
 Reserve estimates: > 700 million barrels (as of April 25, 2013)
 First Oil planned for 2017 (GBS)

