



The Bakken Boom – Transportation Impacts

Wayne Biberdorf
ND Energy Impact Coordinator

Impacts:

Roads

- Structures, Traffic, Aggressive Drivers, Dust

Water

- Available Fresh Water, Sewage Systems

Land Use

- Planning & Zoning Issues, Housing, EMS Services, Law Enforcement, Schools, etc.

Other

- Social Services, Health Professionals, etc.

PRODUCTION (BOPD)

Aug 2010 \approx 326,000

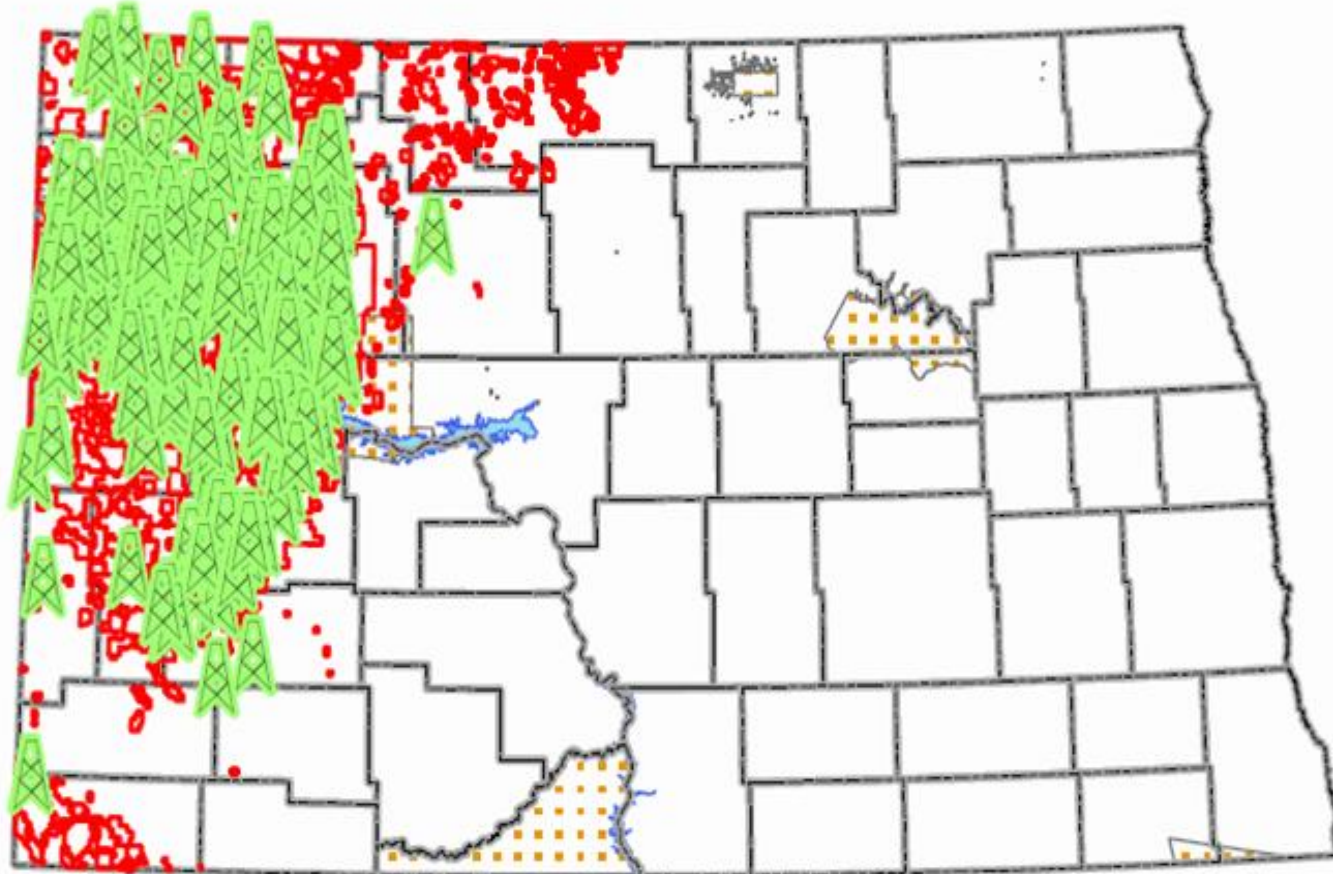
Aug 2011 \approx 444,000

Aug 2012 \approx 701,000

Courtesy: Dept. of Mineral Res.

208 DRILLING RIGS – Aug 2012

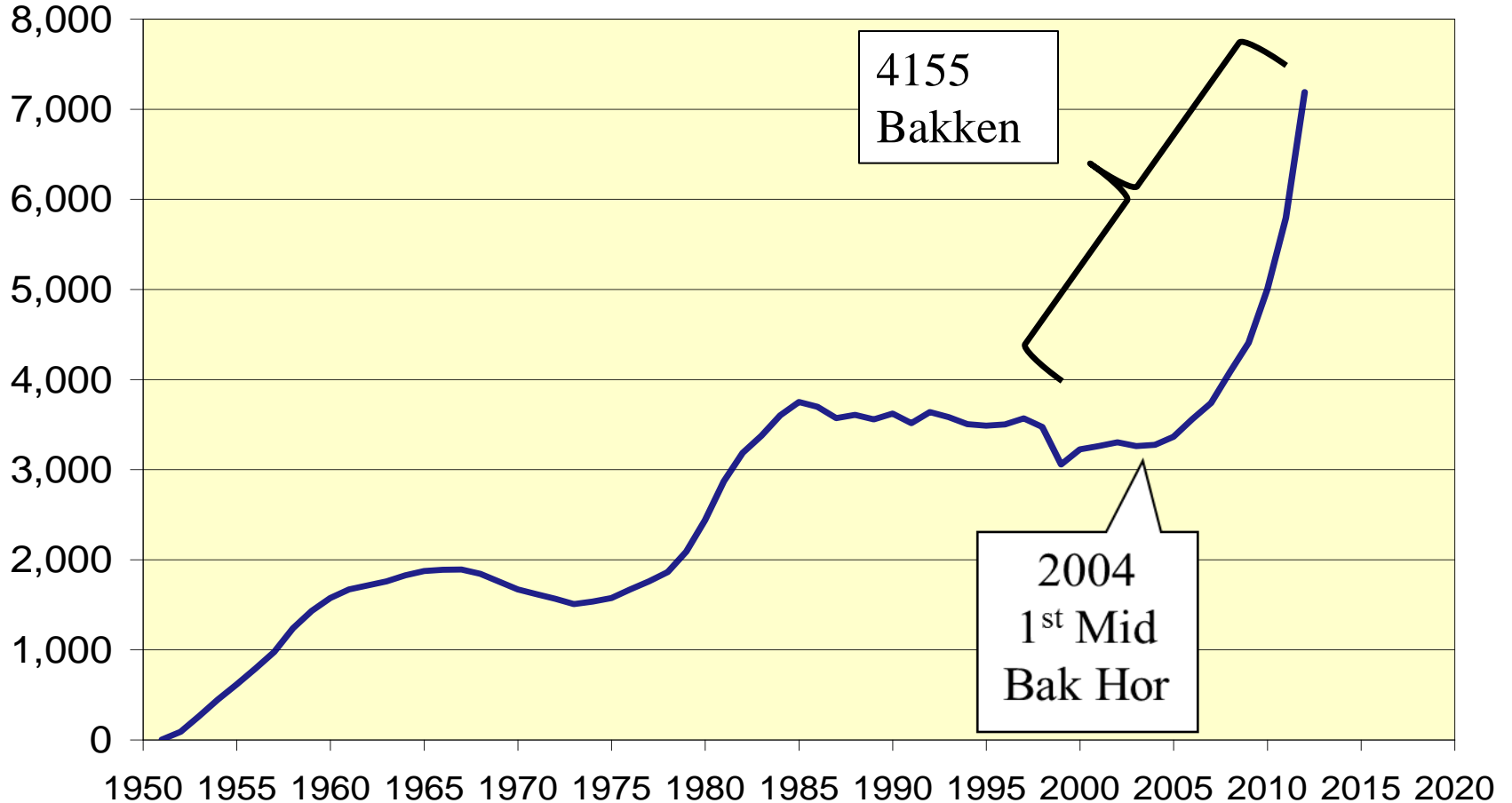
190 DRILLING RIGS – Sept 2012



**Current drilling activity is focused
In Mountrail, Dunn, McKenzie, and Williams Counties.**

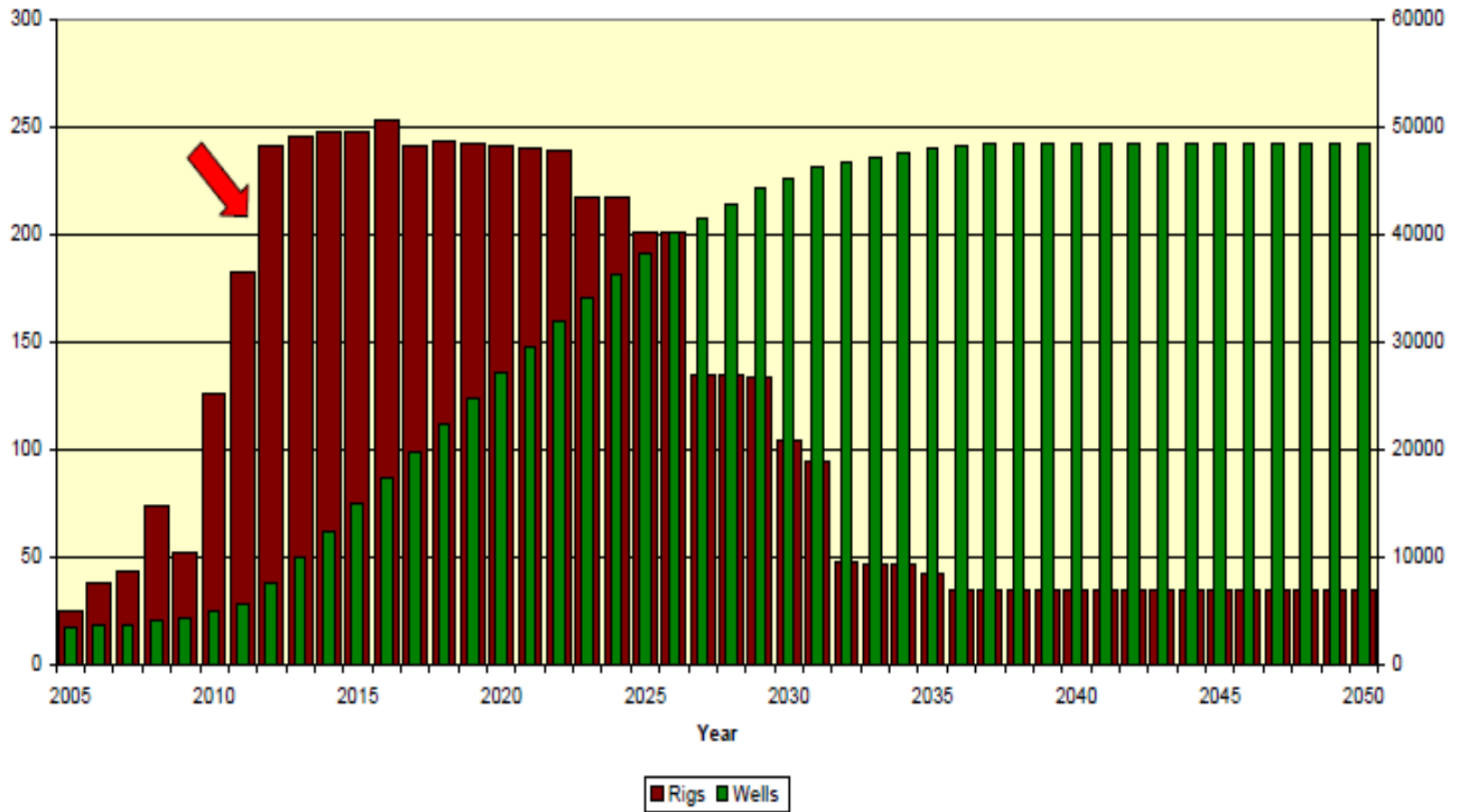


North Dakota Wells Producing Each Year



7467 Total Wells – 4155 Bakken Horizontal (55.6%)

North Dakota Rigs and Wells



Possible Transportation Solutions:

- Oil “road corridors”
- Pipelines for fluid movements
- Truck route by-pass for cities
- Time