

Seeing the Possibilities

- Unconventional opportunities abound
- Evaluation is highly technical
- Typical staff have 20+ yrs experience on *Resource Plays*
- Scale is a huge advantage
 - Encana involved in most plays
 - Learnings are transferable
- Encana has proven track record
 - Recognizing opportunities early
 - Capturing at low cost



What's Out There to Find?

- Shales are plentiful
 - Quiet marine setting
 - Rich organics, maturity
 - Many shales not tested
- Play concepts expanding
 - Depth not limiting
 - Liquids not limiting
- Encana positioned to capitalize
 - 12.7 million net acres in North America
 - 2.3 million in 6 shale plays
 - Additional shale exploration acreage



Shales cover a massive area. Over 50 shales have sufficient organic content.

Evaluation Methodology

- Identify prospect
 - Basin history, rock properties
 - Hands-on rock work
 - Experience!
- Map gas in place
 - Correlations between logs, cuttings
 - Decide net pay, play limits, drivers
- Define prospect
 - Model type curve, costs
 - Divide play into economic buckets
- Evaluate scenarios
 - Determine outcome ranges
 - Type curve, cost, risk factors
- Simulate development
 - Monte-Carlo prediction of outcomes
 - Both production and cash flows

X Ray Tomography

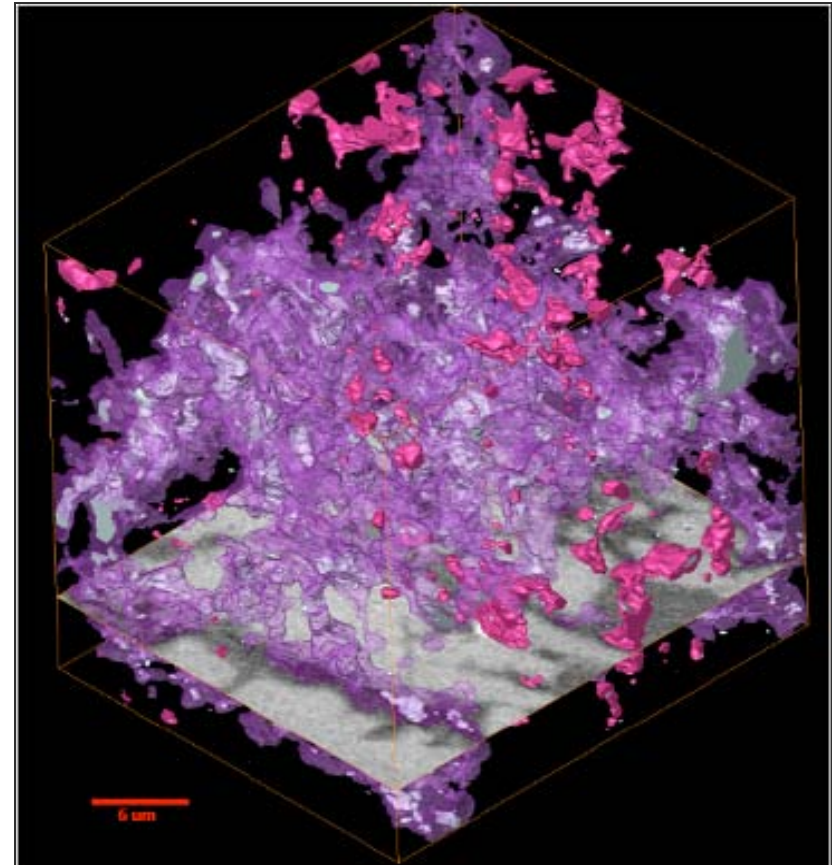


Image of organic material in shale converted to porosity. Connected (purple) and isolated (red).

What Makes a Good Play?

- Many variables
- Small changes can have big impact

Below-Ground Factors

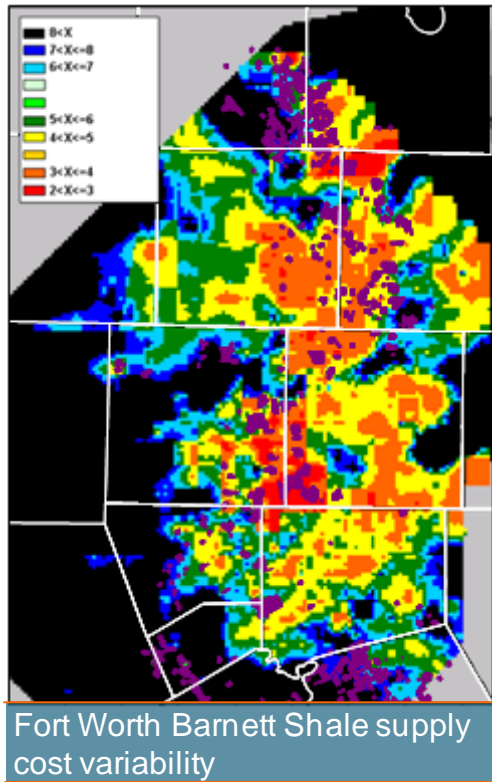
- Organic content, maturity
- Rock quality (perm, porosity)
- Accessible gas in place
- Rock brittleness, frac-ability
- Frac geometry
- Depth, drill cost

Above-Ground Factors

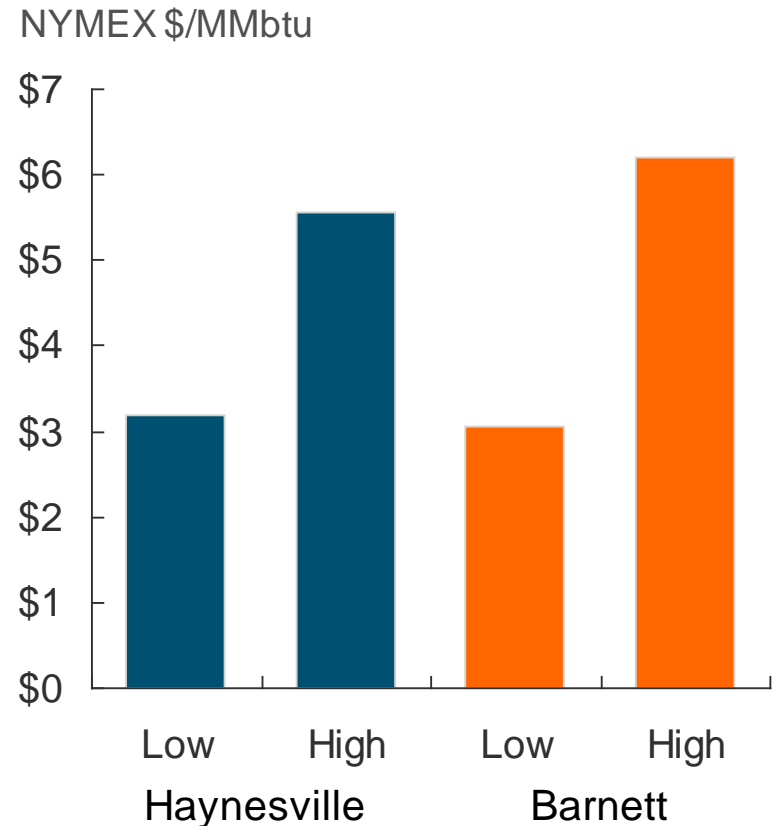
- Access to large mineral tracts
- Royalty and tax rates
- Regulatory environment
- Community access
- Gathering & processing costs
- Gas market access

Details Matter

- Location, location, location
- For profitability:
 - Be early and buy lots of land
 - Or be very sure!

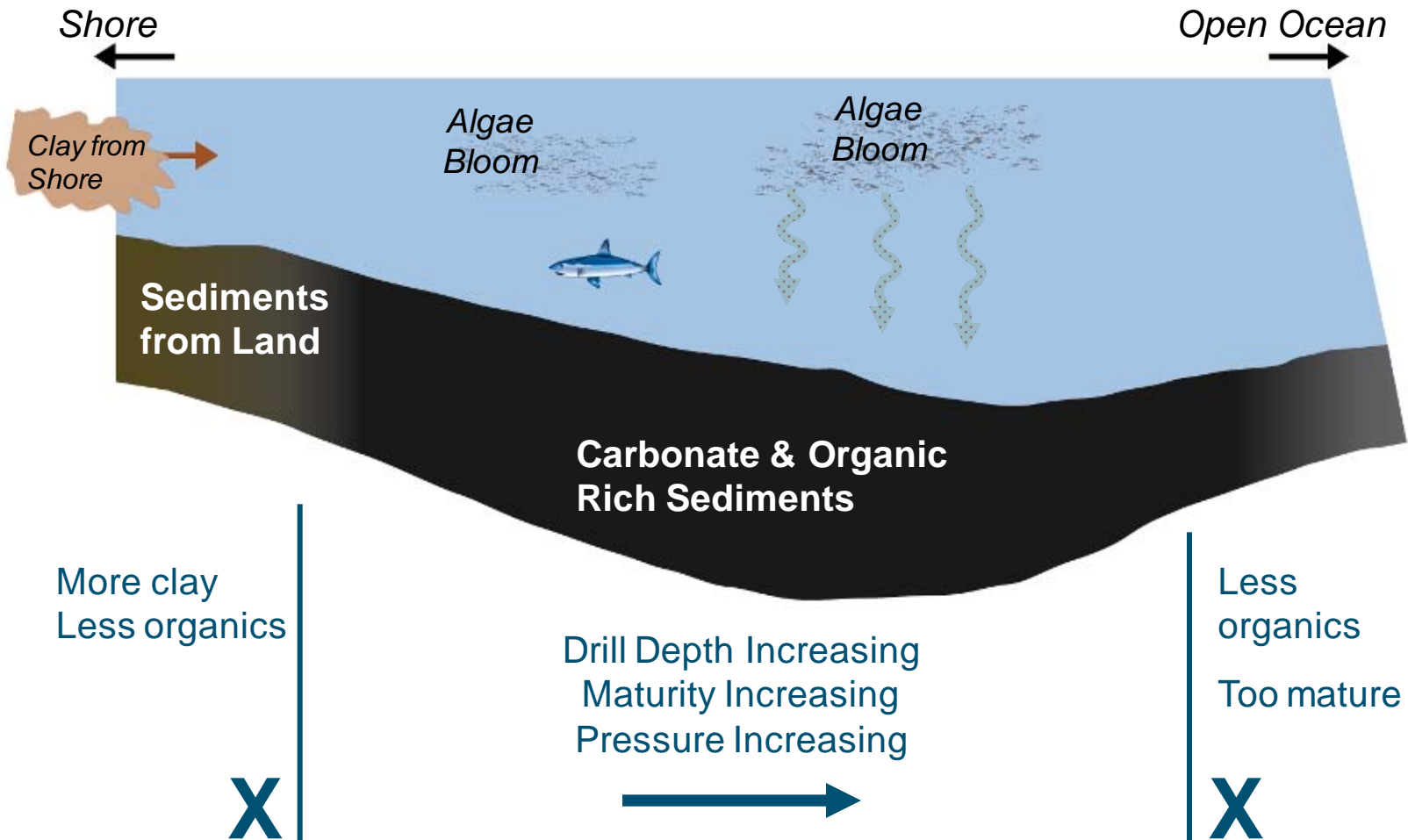


Basin Supply Cost for ATAX 9% IRR



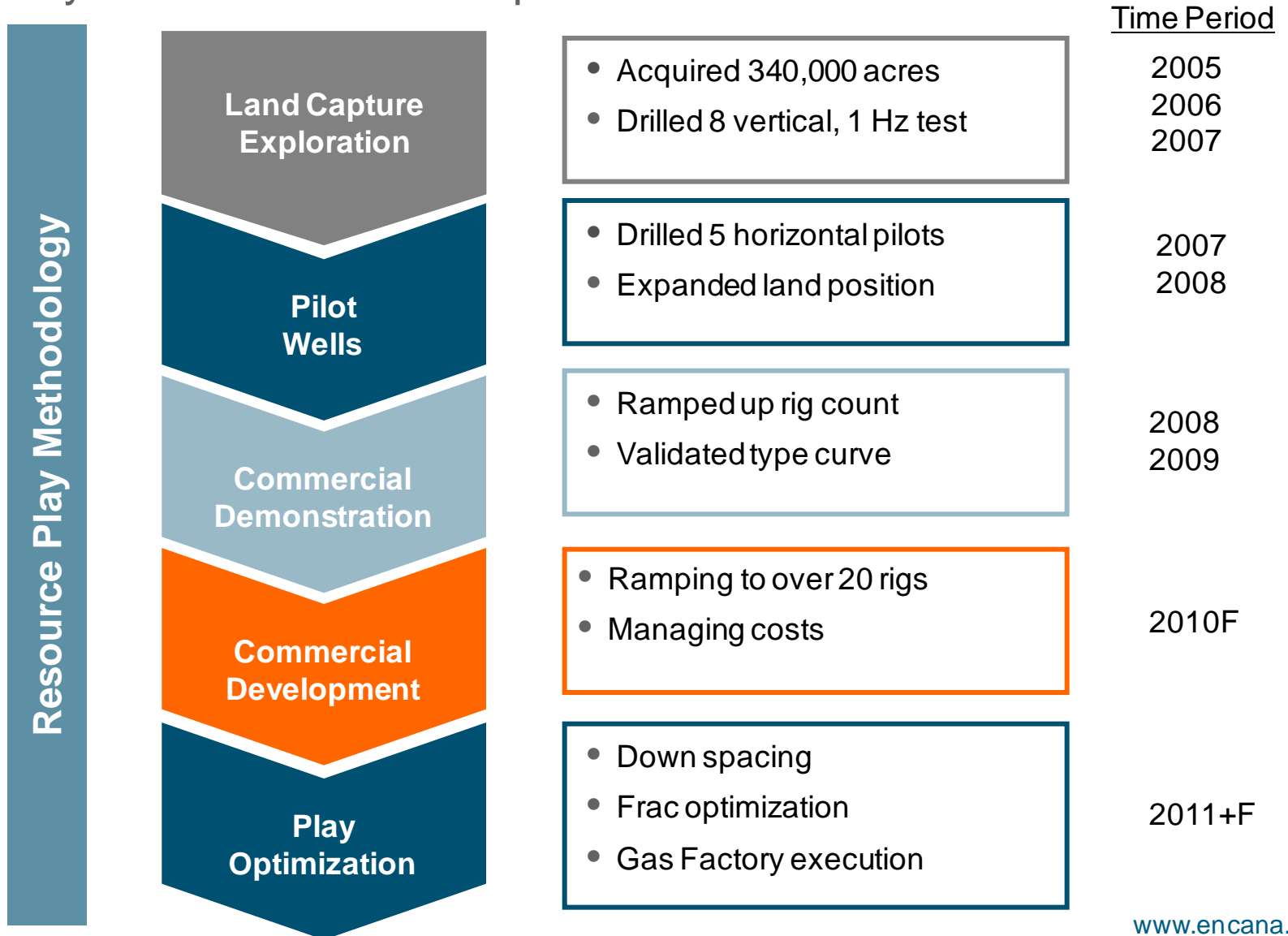
Quality Variations

Hypothetical Shale Basin



Execution Methodology

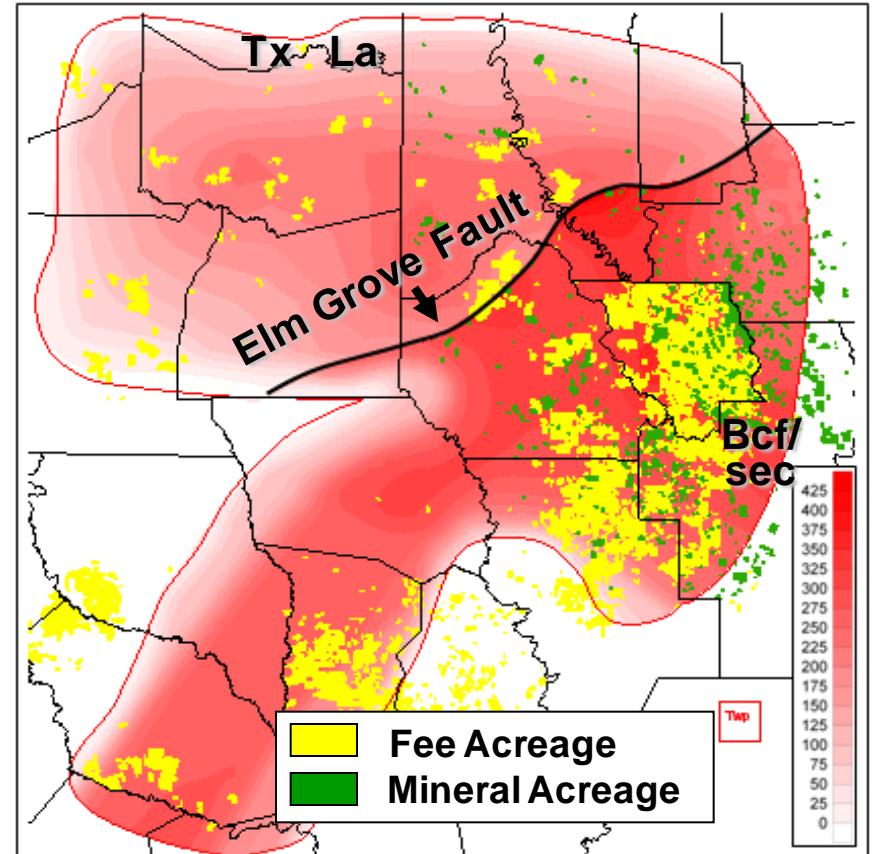
Haynesville Shale Example



First Mover Advantage

Haynesville Shale

- Encana lands ideally located
 - Haynesville & Bossier
 - Thickest total shale
 - Low clay mineralogy
 - High pressures
 - Contiguous lands
- Attractive entry cost
 - \$2,500 per acre
 - 429,000 net acre position



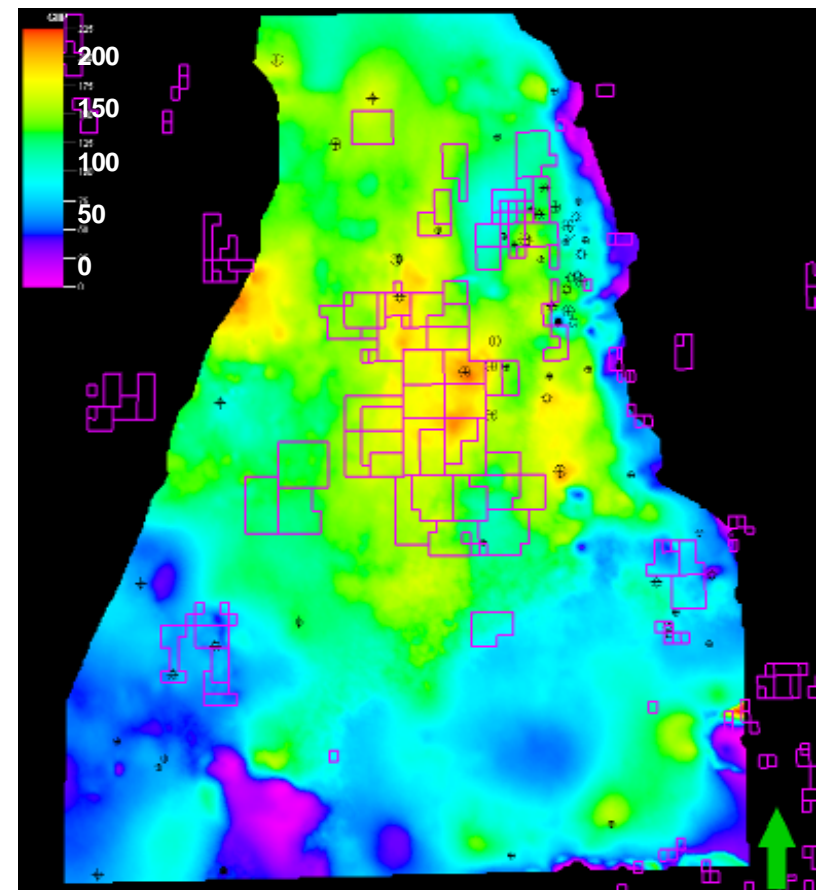
Haynesville + Bossier accessible NGIP map showing Encana's 429,000 net acres

NGIP = Natural Gas in Place

Early Entry

Horn River Shale

- Encana early land capture
- Premium location
 - Thicker section
 - Higher gas in place
 - Less structural complexity
- Modest cost
 - 256,000 net acre position
 - Encana \$815/acre
 - Industry \$700 – 2,100/acre



Polygons show ECA's land position in the basin, predominately in higher NGIP area.

NGIP = Natural Gas in Place

Established Positions in Emerging Plays

Key Statistics

Encana Play	ECA Basin Entry Year	ECA Acres (Net)	Basin Natural Gas in Place (Bcf/Section)	Vertical Drill Depth* (feet)	Estimated Gas In Place (Tcfe)	Well Drilling Inventory** (Net)	Indicative IP (MMcf/d)
Haynesville	2005	429,000	175-225	12,000	120	1,600	15
Horn River	2003	256,000	150-270	9,000	50	300	10
Montney	2003	720,000	50-200	9,000	165	1,100	10
Maverick Pearsall	2005	245,000	125-175	9,000	50	NA	5
Piceance Niobrara	2006	610,000	100-200	9,000	100	80	6

*On Encana lands

**Inventory based on YE09 1P Reserves & 1C Economic Contingent Resources

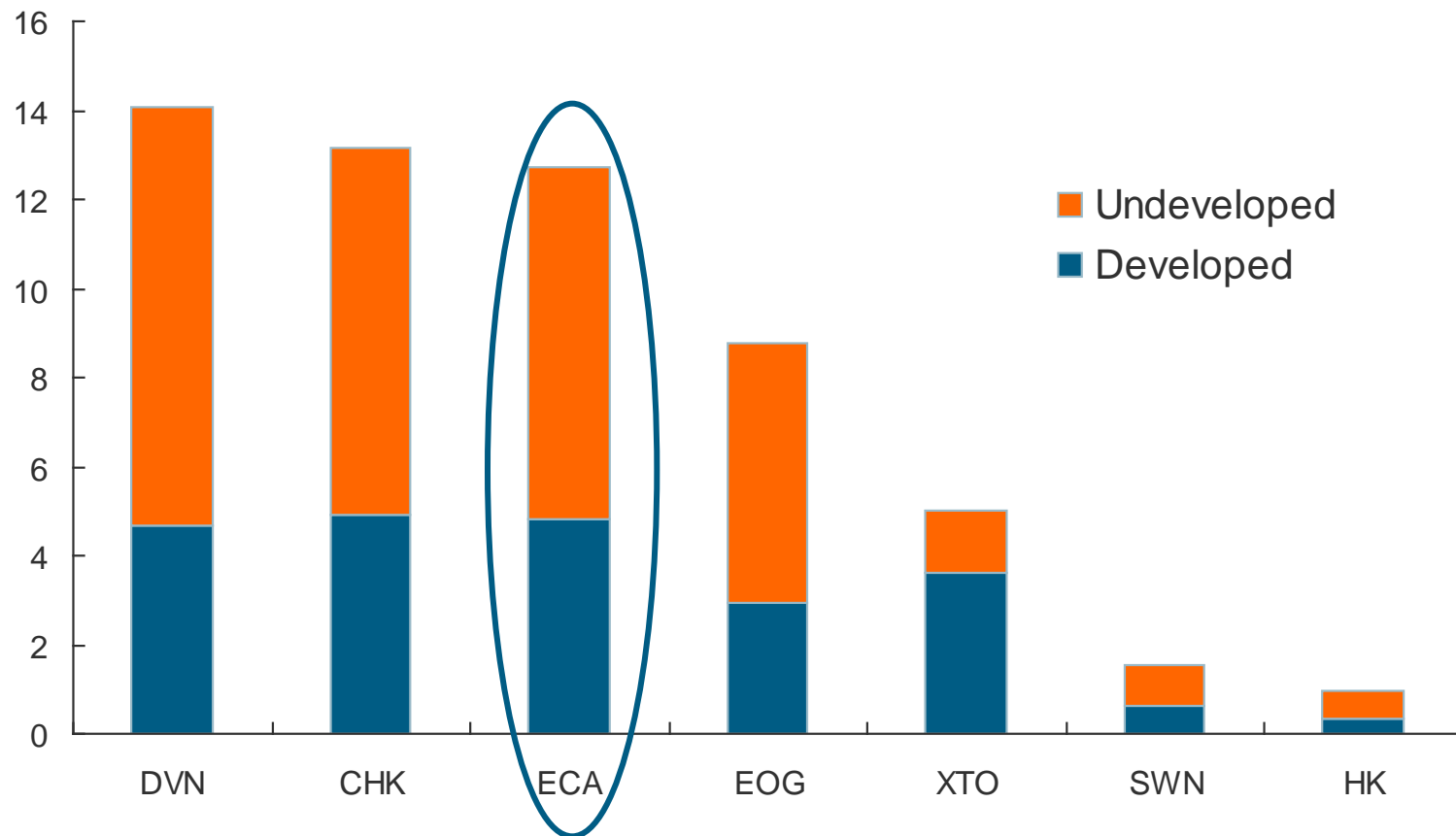
www.encana.com

Acreage Position

Poised for Growth

North American Land Base*

NetAcres (millions)



*As at December 31, 2009. Source: AIF, 10-K reports