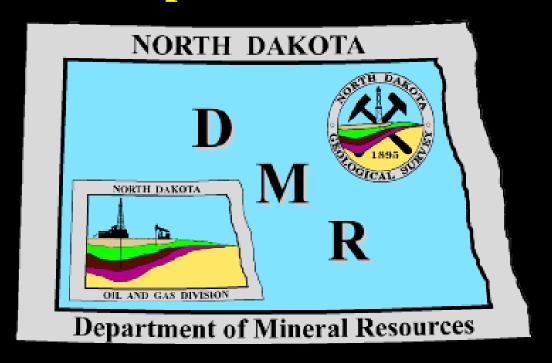
North Dakota Department of Mineral Resources

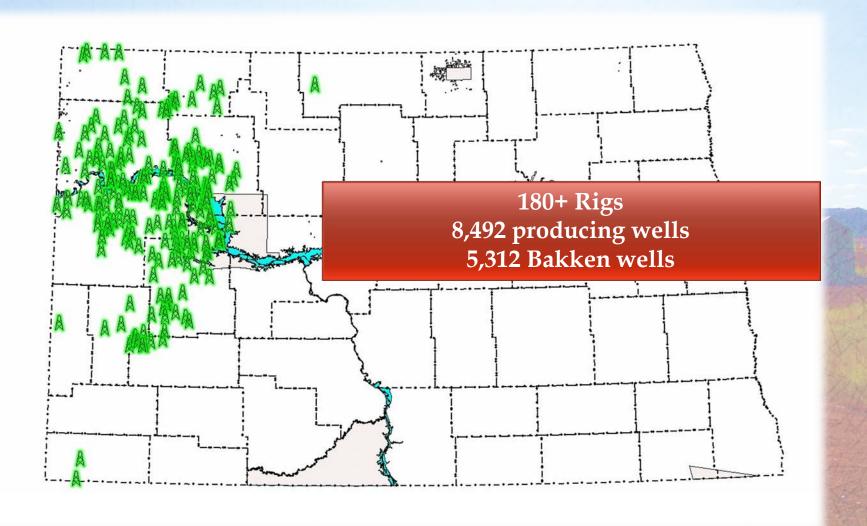


http://www.oilgas.nd.gov

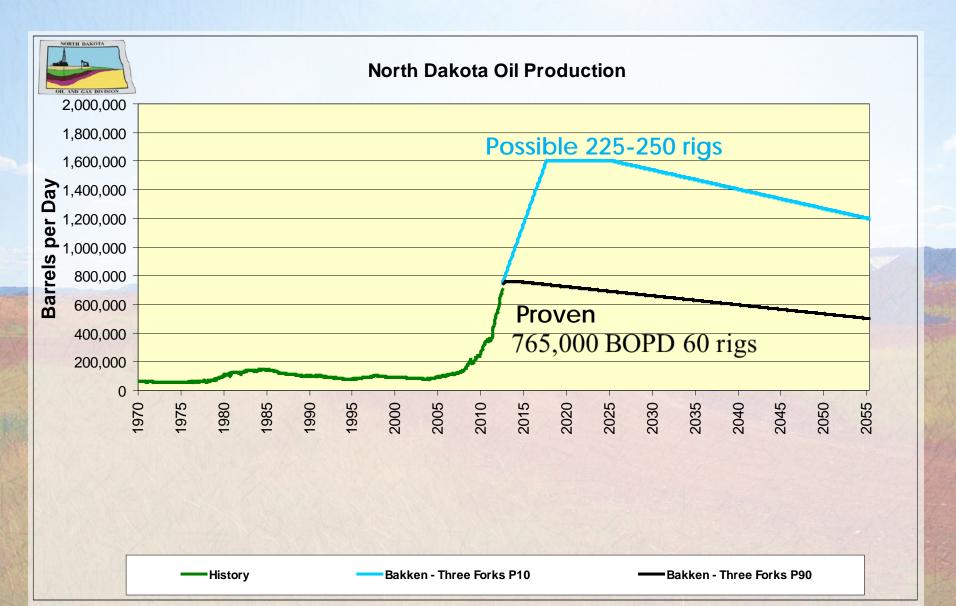
http://www.state.nd.us/ndgs

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- February production 21.8 million barrels of oil or 778,971 barrels/day. (NEW all-time high)
- 23.8 Billion cubic feet of natural gas or 850 million cubic feet/day.
 - About 30% of natural gas is still flared a month, due to lack of gathering infrastructure.



- 1,100 to 2,700 wells/year = 2,000 expected
 - 170 rigs = 20,000 temporary drilling jobs
 - Another 12,000 temporary jobs building infrastructure
 - 2,000-3,000 permanent jobs added each year
 - 170 rigs can complete the first phase of drilling in 14 months
 - 170 rigs will require more than 21 years to complete phase 2 drilling
 - 2,000 new wells per year require 11-22 million gallons of frac water per day
 - 40,000-45,000 new wells = 40,000-70,000 long term jobs



• Future:

- As of April 2013, Department Director Lynn Helms had signed 530 Administrative Orders for multiple well pads, with 334 cases pending.
- Each order averages 7 wells per pad, but some up to 18 and possibly 24.

To date the largest permitted pad, 14 wells.

6,000 future wells already approved or pending.

- Spotlight on the Bakken: Media Coverage
 - National Geographic
 - New York Times
 - The Globe and Mail (Canada)
 - BBC
 - Daily: California, Florida, New York, Washington, D.C., Colorado
 - Inquiries from Australia, France, Germany, Japan, United Kingdom, Poland