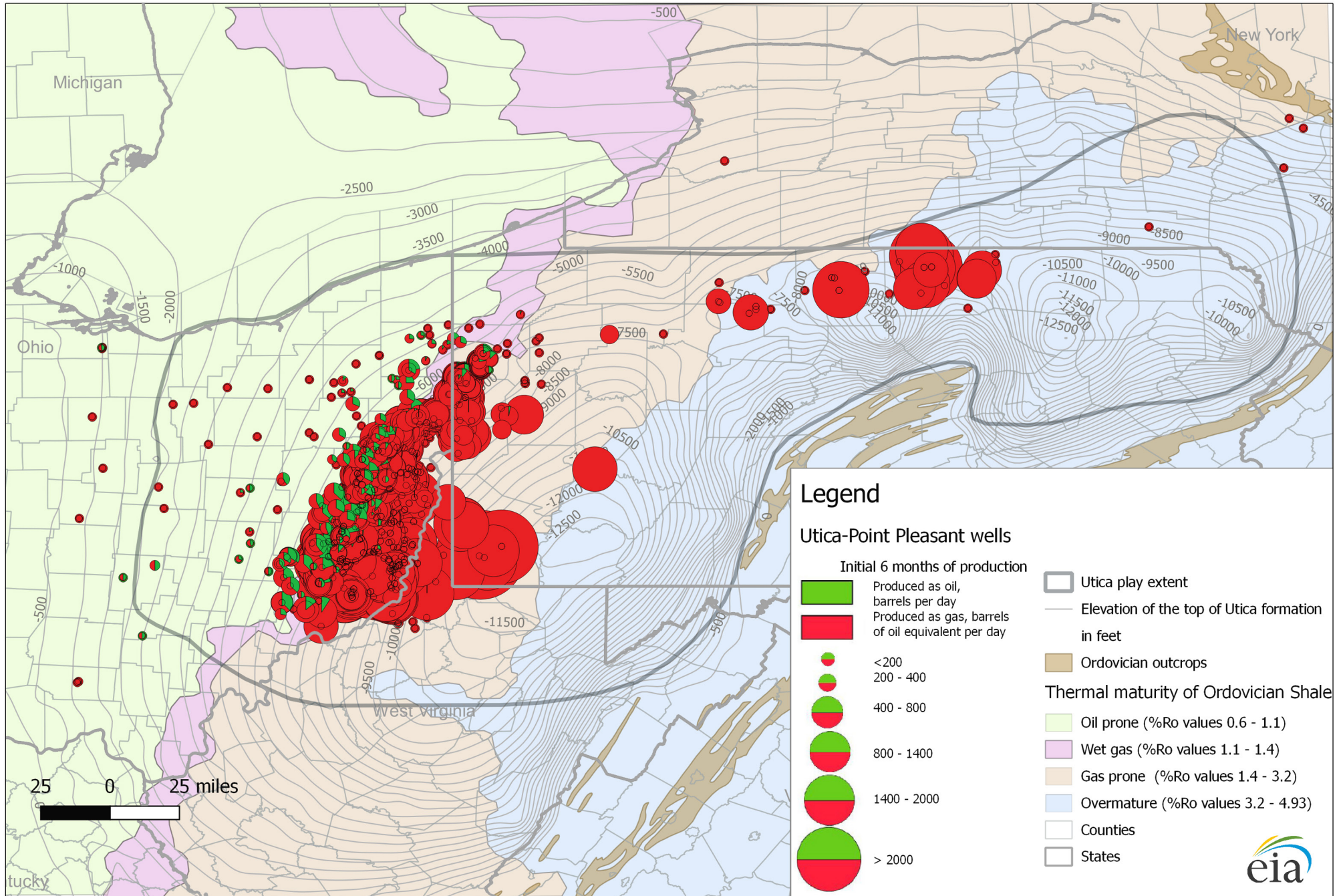


Utica-Point Pleasant production through April 2017 and thermal maturity



Source: U.S. Energy Information Administration based on DrillingInfo Inc., Appalachian Oil & Natural Gas Research Consortium, and U.S. Geological Survey.