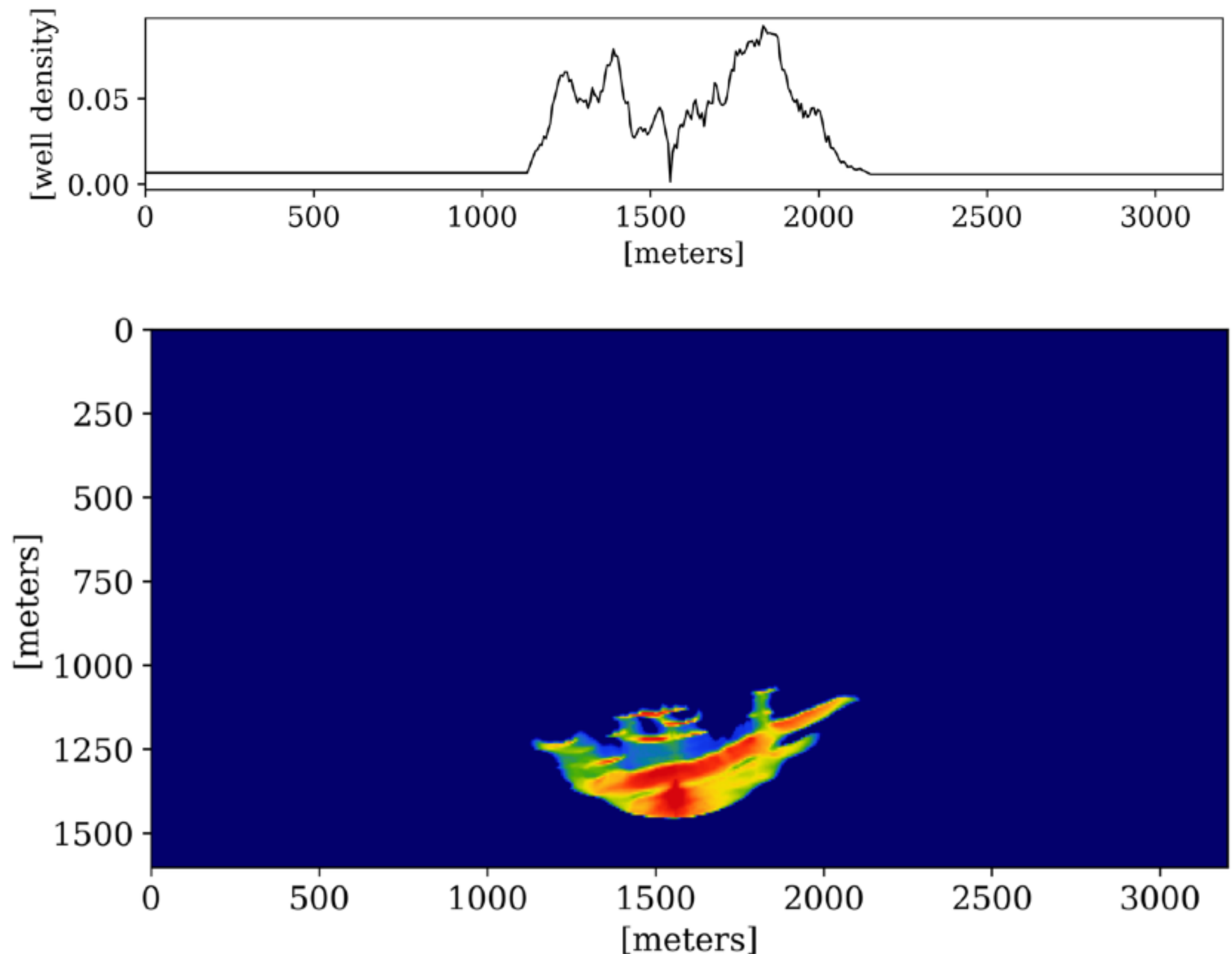


# Optimal well locations

Optimize for probability *density* of well placement

- ▶ well budget agnostic
- ▶ decide number of wells post-hoc
- ▶ easier optimization
- ▶ stochastic sampling during training avoids local minima

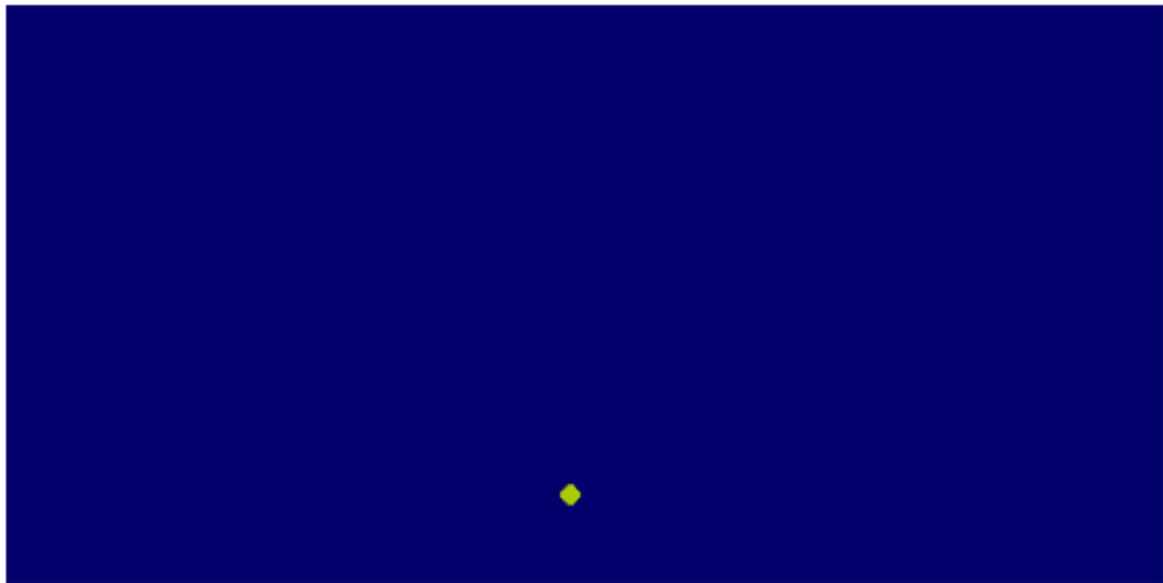


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# CO2 storage project life cycle

Prior samples  $p(\mathbf{x}_t)$



Fluid flow  
simulations

