

Direct Sub-Surface Measurements Through Casing

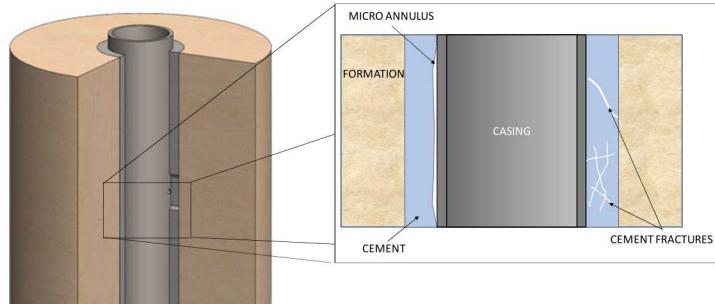
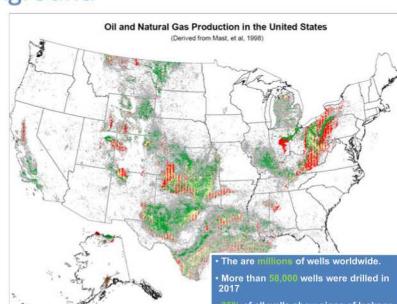
Precise Micro Drilling

PI: Jiann Su (8866), PM: Giorgia Bettin (8866)

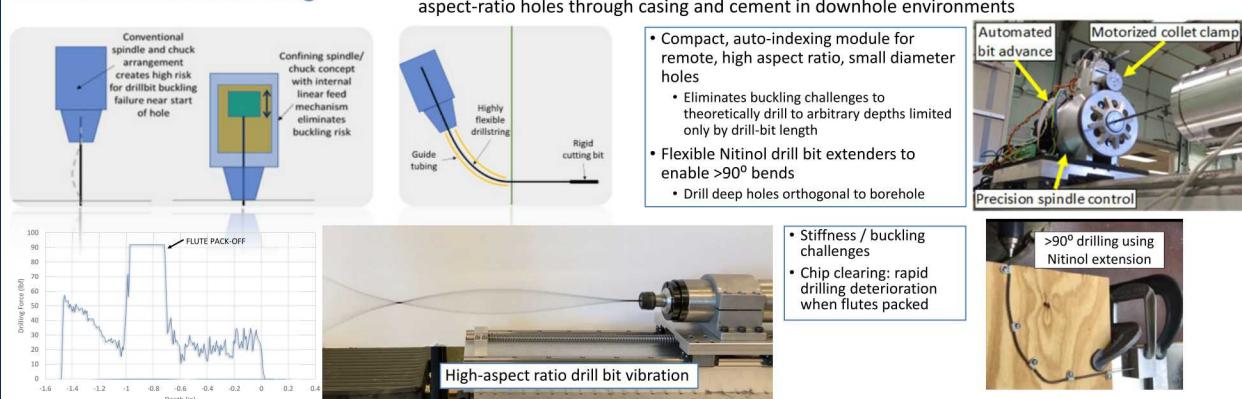
Team Members: Stephen Buerger, Thomas Lowry, Kepra McBrayer

Georgia Institute of Technology: Dr. Anirban Mazumdar and Kathryn Bruss

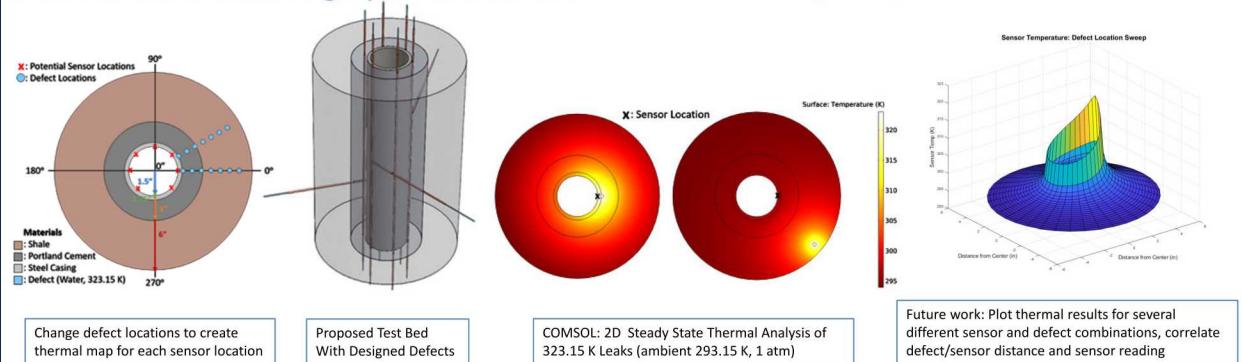
Background



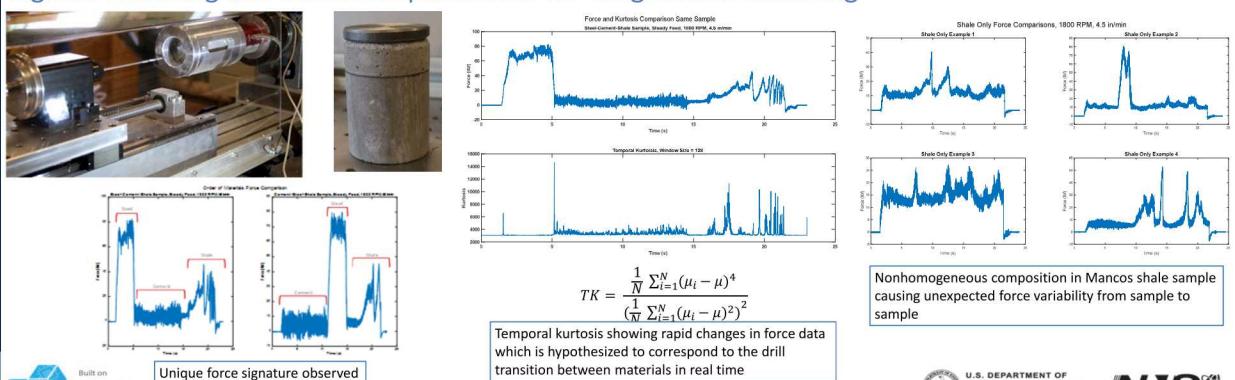
Remote Precision Drilling



Defect Detection and Integrity Characterization



Signal Processing and Sensor Emplacement for Long-term Monitoring



Exceptional
service
in the
national
interest