



Adding Value through Liberty's Better Well Data

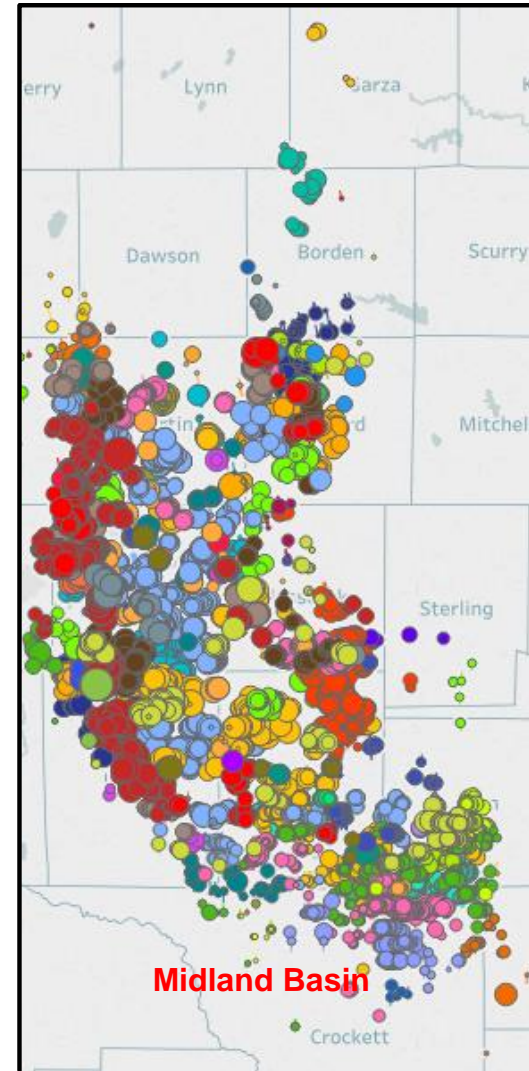
Liberty Engineering Solution



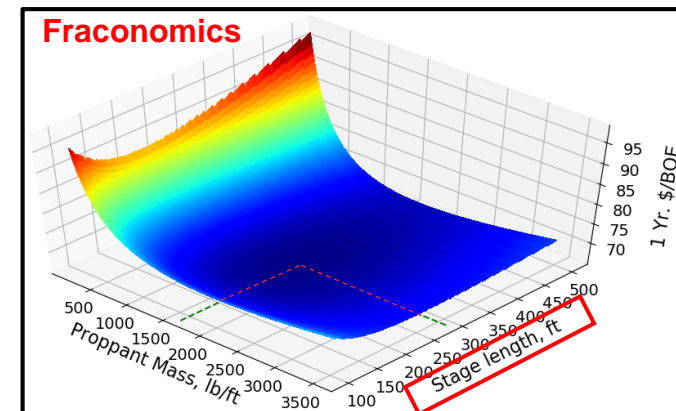
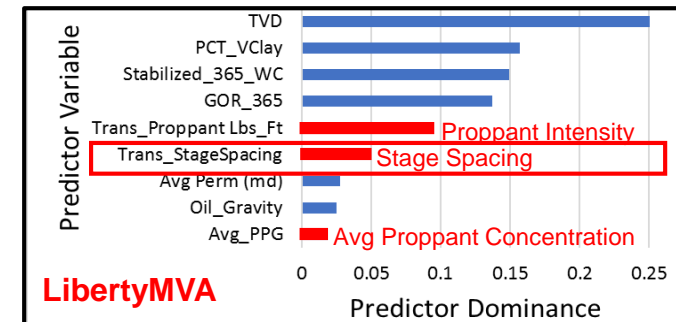
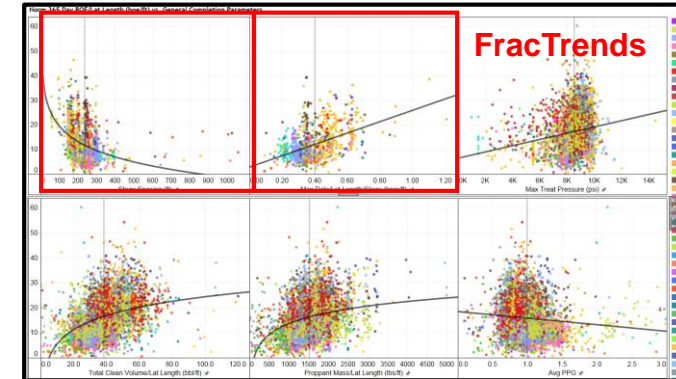
Liberty's Unique Focus on Data and \$/BO Optimization

Midland Basin Example

- Combine the best well information
 - Public production and completion data from state websites & FracFocus
 - Detailed data from Liberty-completed wells
 - Geological and petrophysical data
- Currently 60,000+ wells in basins where Liberty operates
- Sometimes, however, critical completion information is missing
 - Stage count, max rate, perf details, etc.
- Operators share their data for access to LibertyMVA / Fraconomics



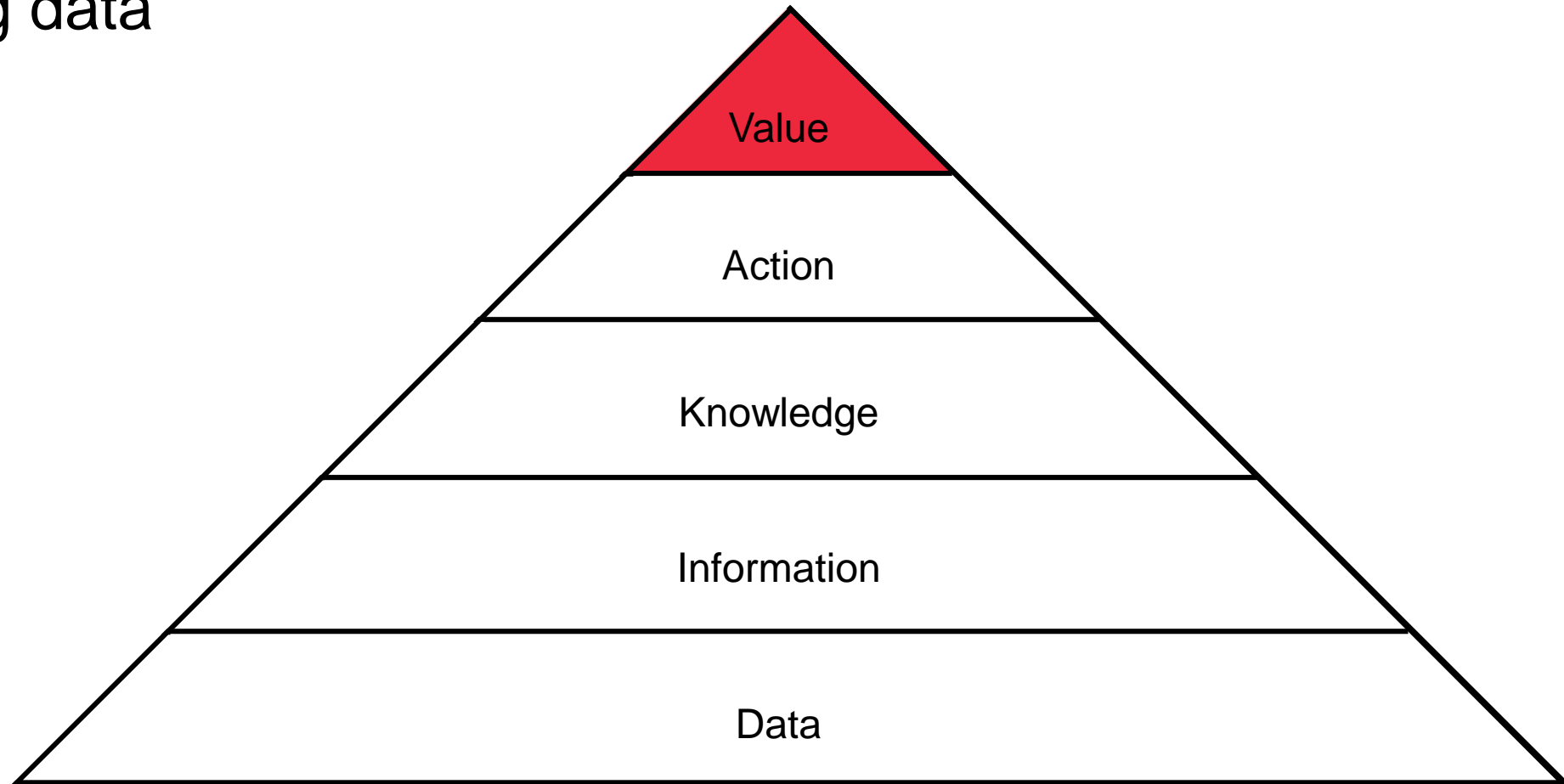
Liberty FracTrends for Liquid-Rich Basins



Adding Value through Shared Data

The Liberty Difference Produces Better Wells

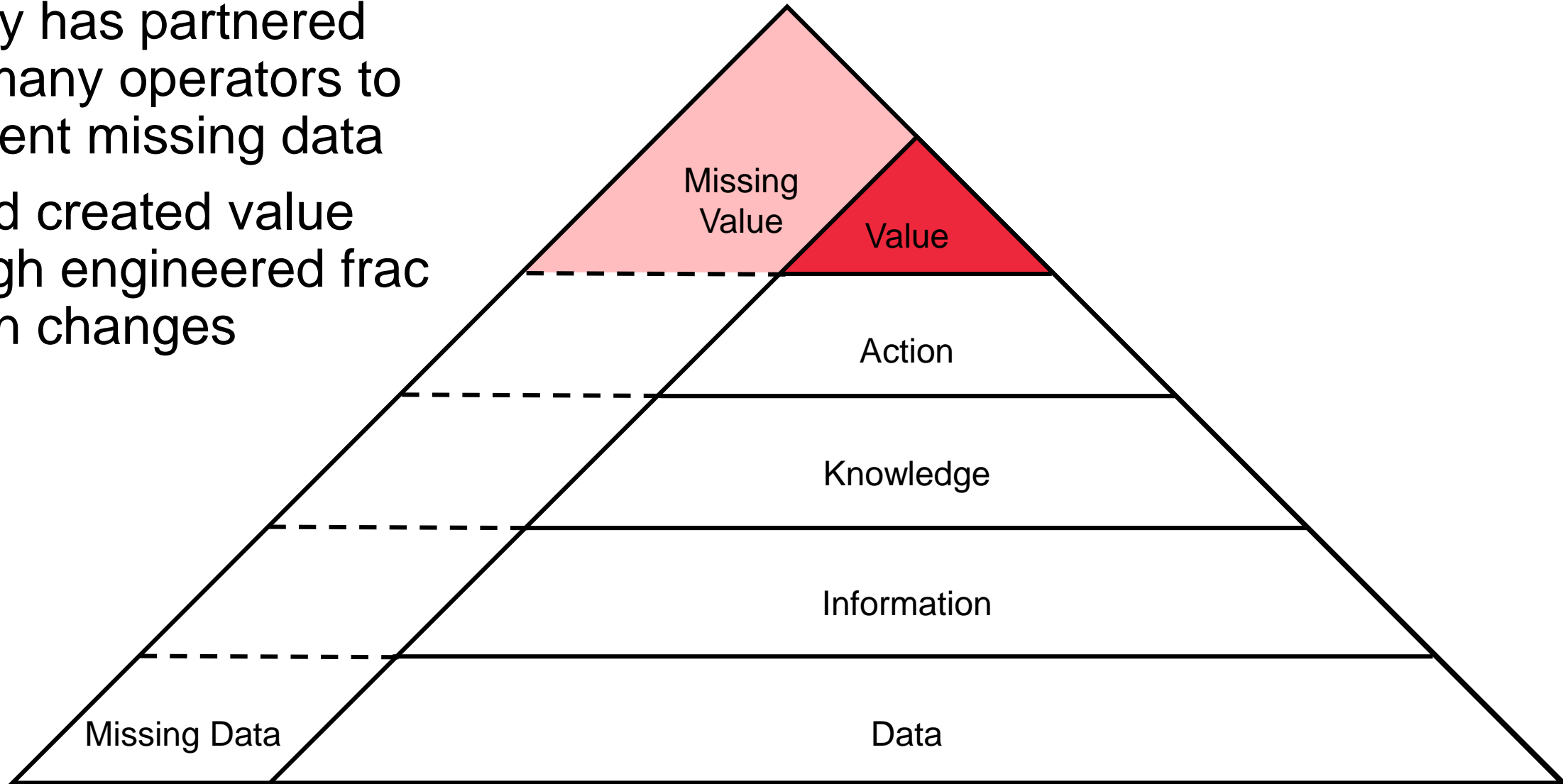
- Liberty has partnered with many operators to augment missing data



Adding Value through Shared Data

The Liberty Difference Produces Better Wells

- Liberty has partnered with many operators to augment missing data ... and created value through engineered frac design changes





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