



Presenting:

**What If We Are Wrong?
Asymmetric Risk Assessment
by Bill Haskett**

DAAG Conference 2016

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DECISION STRATEGIES



What If We Are Wrong? Asymmetric Risk Assessment

Bill Haskett

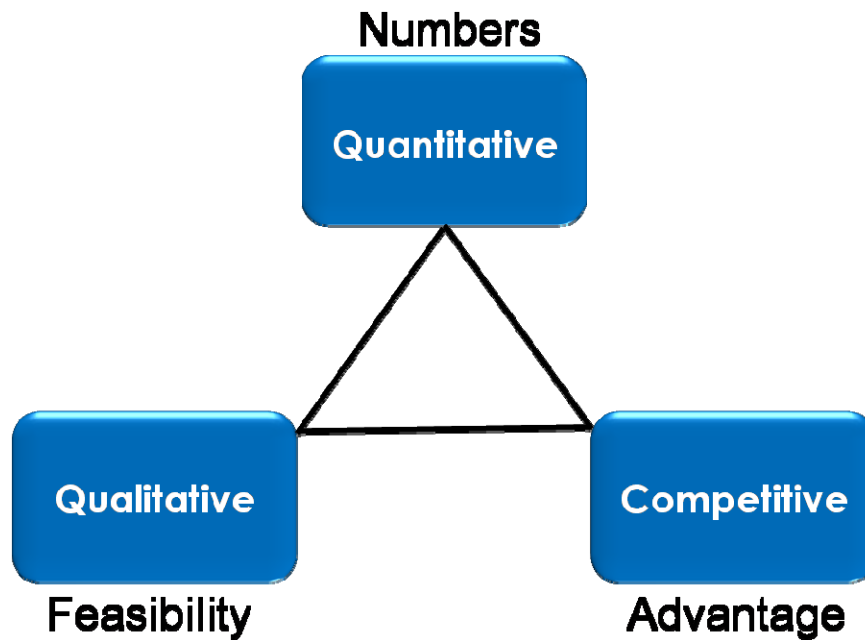
Senior Principal – Energy Strategy

DAAG 2016 - Banff



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What If We Are Wrong?



Indifference
Assessments

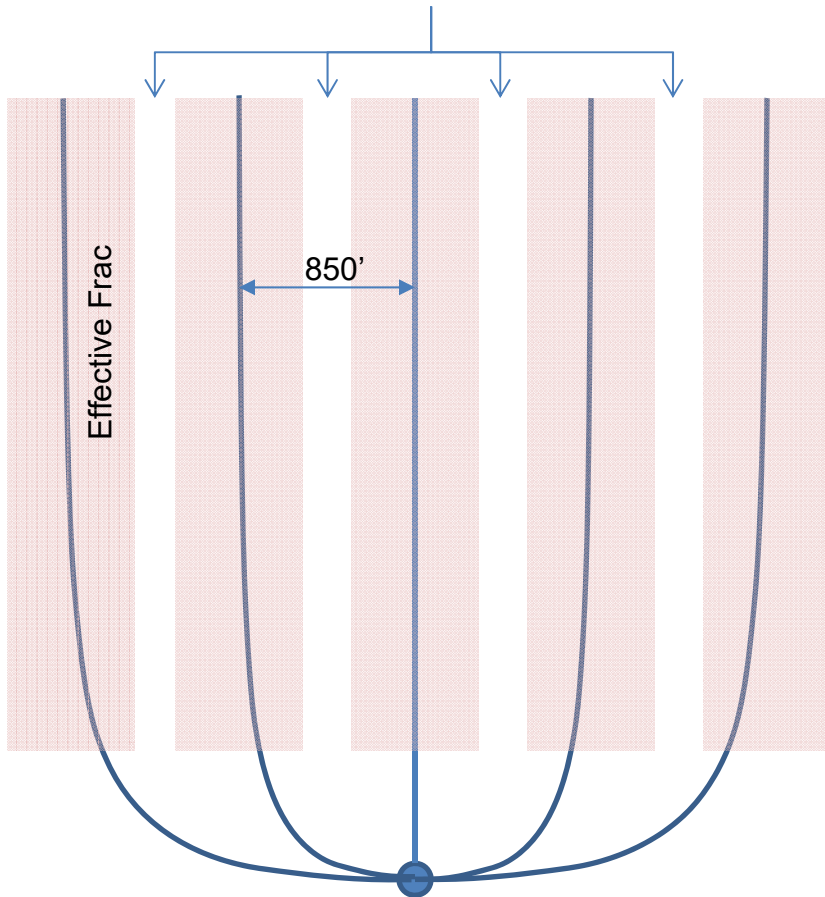
Pre-Mortems

Confidence
Requirement

Pain and Regret
Assessment

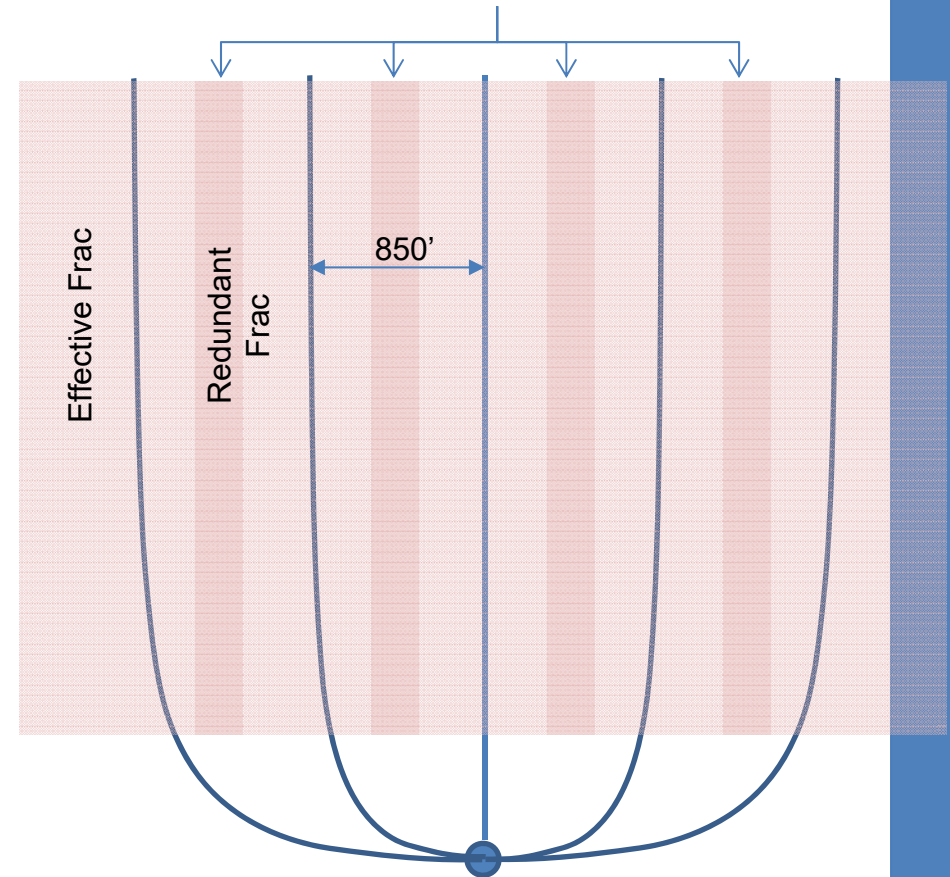
Error Threat – Recognizing Asymmetric Risk

Lost Resource – Lost Production



Drilling at 850' spacing
When optimal is 650'

Redundant Drilling/Completion – Impaired Capital/Time



Drilling at 850' spacing
When optimal is 1050'

Value Destruction From Inefficient Well Spacing Over Two Pads

