

Selective Perforation: A Game Changer in Perforating Technology- Case Study

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2012 European and West African Perforating Symposium

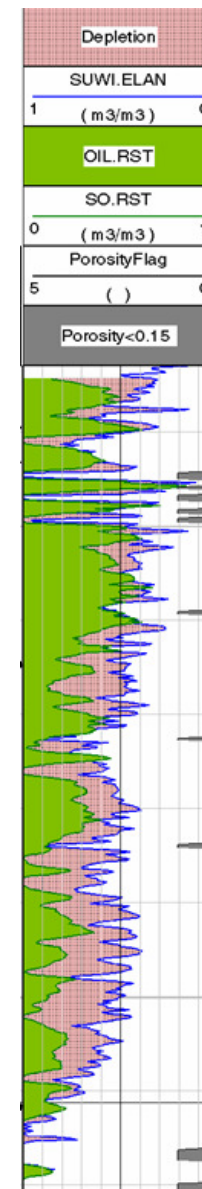
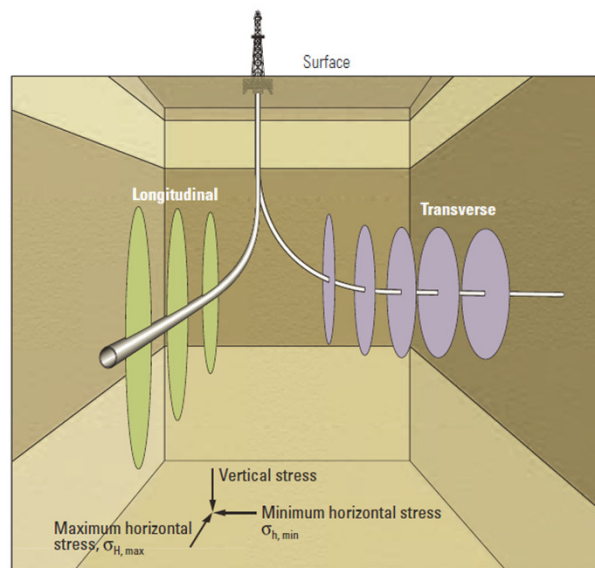
Schlumberger

Layout

- Background
- Selective Perforation: Past / Present
- Selective Perforation: Future
- Selective Gun: Future
- Gun–Assembly, Application
- Case Study

Background

- Perforation engineering is a key element in successful well stimulation / production / injection
- Selective perforation gun is required when multiple zones have to be perforated in a single run.

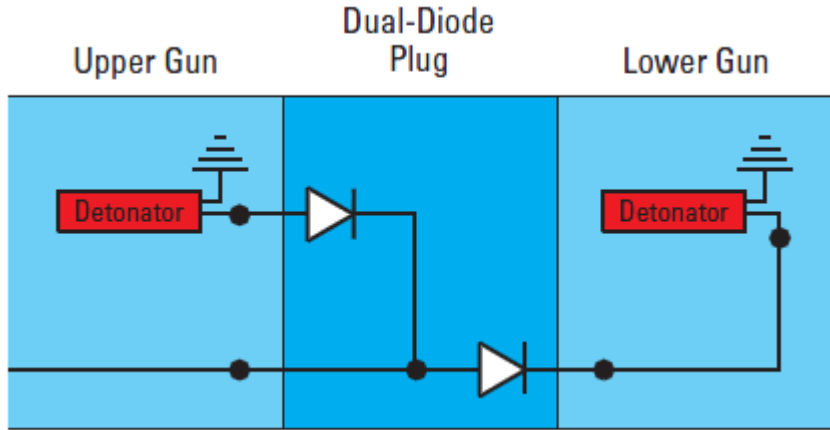
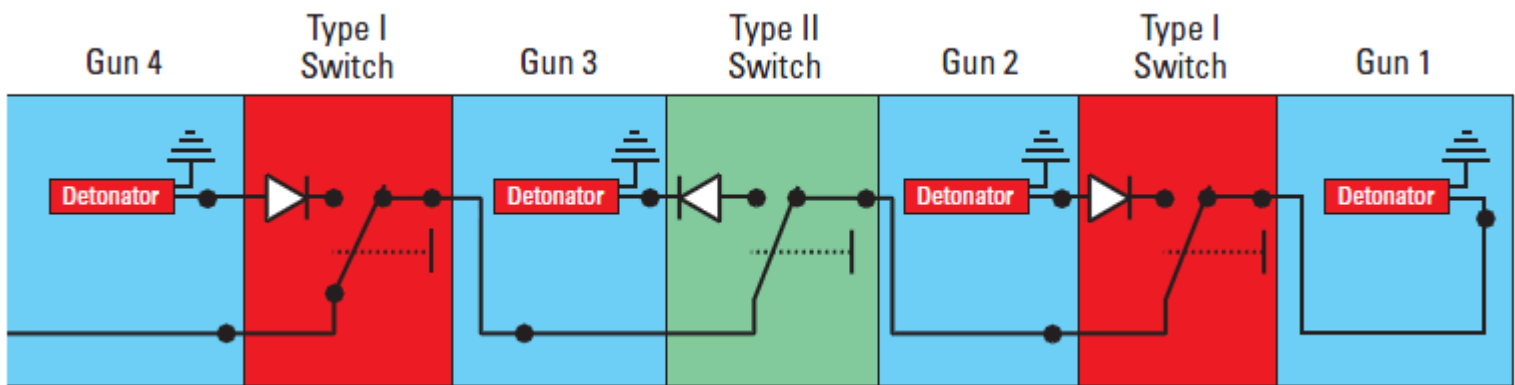


Selective Perforation

- Significant hardware
- Reliable equipment
- Engineer competency
- Minimize failure modes
- Maintain high safety standard



Selective Technology: Past



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