

Geologic Observations

- Mapping net productive sand very qualitative
 - Old SP/resistivity logs
 - Low resistivity
 - High Sw & water free production
 - Modern log suites scarce
- Building reliable petro-physical model difficult
- Log analysis parameters
- Shaly sands/modified Simandoux log model

Geologic Conclusions

- Need more pilots to determine if geologic assumptions are true/false
- Need to determine why some 80-acre wells are better than others
- Currently not enough information to recommend downspacing
- Larger statistical model/more pilots needed to potentially recommend downspacing