Geoscience and Petroleum Engineering (GPE)
Post Frac Analysis
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Summary and Recommendations

- Lateral characterization for optimum stage spacing
- Post-Frac job analysis to identify fracture geometry parameters after frac job
- Production modeling to match flow back and later production periods
- Hydraulic Fracture modeling to design and optimize hydraulic fracture using inputs from petrophysical and geomechanical models
- Completion selection and optimization
- Treatment schedule optimization (frac fluid type and volume, proppant type and concentration)
- Flowback and Tracer analysis to define the production contributing stages after frac job
- Initial production rate prediction