



FracGeo launches StimPredictor™ for 3D Frac Modeling and GMXFrac™ for Real-Time Adaptive Fracing

THE WOODLANDS, Texas, Jan. 23, 2018 /PRNewswire/ -- FracGeo announces the launch of StimPredictor™, a desktop module of FracGeo's FracPredictor™ software platform and GMXFrac™ a cloud based web service for real-time optimization of perforation and fracture treatment design of unconventional and tight reservoir wells by adapting to the lithologic and stress variability using surface drilling data

StimPredictor™ represents the next generation in frac design and analysis software, deploying novel complex physics able to account for current operational realities combined with advanced algorithms for real time results. StimPredictor™ captures the actual geologic and geomechanical data along each studied well by leveraging commonly available surface drilling data instead of constant properties from pilot or nearby wells. This unique feature in StimPredictor™ is available thanks to FracGeo's ability to compute pore pressure, stresses, natural fractures, and geomechanical logs along any wellbore with just surface drilling data. These logs, are used to geoengineer the completion by adjusting cluster locations to treat geomechanically similar rocks and build 3D models that are used as input in StimPredictor™. The geoengineered 3D constrained frac design is used during pumping in FracGeo's cloud based GMXFrac™ technology to adapt the design and propose an optimal treatment in real time.

Ahmed Ouenes, CEO, says, "StimPredictor™ and GMXFrac™ technology is the next generation in frac design and analysis, completion optimization, and real time adaptive fracing. A major advantage of the new technology is its ability to use standard surface drilling data to capture the geologic and geomechanical variability along each well and adapt the fracing to that subsurface reality." Ouenes added "Pumping companies now have the ability to customize the fracing of each stage in real time using their various types of fluids, and proppants."

Peter O'Connor, VP Sales and Marketing, says, " StimPredictor™ and GMXFrac™ provide our clients and partner pumping company actionable information specific to each well to geoengineer their completion and to adapt the fracing to the complex reality of the subsurface to achieve the highest well performance at minimal cost and time."

About FracGeo

FracGeo provides Shale Management™ technologies to improve asset ROR and well performance in unconventional reservoirs. These solutions are deployed using FracPredictor™ software and include: sweetspot and landing zone selection, geomechanical modeling, adaptive asymmetric frac design, and well spacing optimization.

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