PROPOSED ADVERTISEMENT: *(as it will appear on Sigma Cubed, Inc. company external website)*

Geomechanics & Stimulation Specialist

Position Summary:
Sigma Cubed, Inc. seeks a Geomechanics & Stimulation Specialist to work in Englewood, Colorado.

Applicants should email resumes to hr@sigmacubed.com. Write job code GSS80112 on resume.

Duties/Responsibilities:
Provide assistance to the client by offering technical advisement and implementing hydraulic fracturing designs in the field and/or office. Adhere to company and client safety policies at all times. Attend daily safety meetings held by customer well site managers. Control quality of service delivery and execution during all phases of operations including the management of field personnel. Check all equipment and communications prior to job, both in the office and field. Run and direct Quality Assurance (QA) on laboratory fluid testing with service companies in the field laboratories. Control quality of service for company equipment rig-up prior to and throughout operations. Quality Assurance on chemical calibration tests for chemical additives. Perform assigned reporting and administrative duties for field operations and office where applicable, accurately and on schedule. Prepare modeling software files and customer stage reports, acquisition of data for computer modeling, report creation and analysis, Real-time pressure analysis and monitoring of fracturing fluids as well as Real-time diagnostics (DFIT's, Step Rate Tests, etc;). Perform Office work with emphasis on Geomechanics, Petrophysics & Log Interpretation, including well log quality control, interpretation and petrophysical analysis, Pore pressure prediction and stress modeling by integrating drilling reports, mud logs, well logs, DFIT's and core data. Integrate core data and time-lapse VSP data to determine likely behavior of seismic velocities due to change in temperature, saturation and stress path. Perform Well Completion and Stimulation analysis and review, Production & Reservoir analysis and review and Microseismic analysis and review.

Qualifications:
Minimum Education Requirement: Bachelor's degree in Petroleum, Electrical or Mechanical Engineering

Minimum Experience Requirement: Two (2) years of field experience as a hydraulic fracturing engineer, including a minimum of two (2) years' experience with fracture modeling and stress profiling using Fracpro PT or similar programs, a minimum of two (2) years' experience using Python, with fracture mechanics and fracture Theory, fracturing fluid systems and necessary laboratory testing requirements and one (1) year experience using CMG, Petrel or similar programs.

Travel Requirement: 50% domestic travel is required.