

EDUCATION

Texas A&M University, College Station, TX

Bachelor of Science in Petroleum Engineering, 2004 Graduate

EXPERIENCE

SUBSURFACE CONSULTANTS & ASSOCIATES, HOUSTON, TX (May 2011 – May 2015)

Operations Petrophysical Engineer

BP plc, May 2011 – May 2015

- Team planning/execution of the MWD/LWD formation evaluation program for the deepwater GoM- Atlantis Development project
- Perform QA/QC and Petrophysical Evaluation/Interpretation of MWD/LWD and WL logging
- Advise on Pore Pressure and Fracture Pressure gradients by integrating MWD, wire-line, mudlogging, and seismic data
- Provide open-hole and cased-hole log analysis to offshore Well-Site Leaders, Geologists, and Drilling Engineers
- Attend daily rig conference calls and continuously communicate with rig personnel

BAKER HUGHES INTERNATIONAL, HOUSTON, TX (March 2006 – March 2011)

Senior Petrophysicist (Manager)

Baker Hughes Inteq, February 2010 – March 2011

- Team lead for real-time Pore Pressure services for the GoM market
- Manage and support GoM remote services center
- Petrophysical Evaluation/Interpretation of MWD/LWD, wire-line, and seismic data
- MWD log quality control, interpretation, and data management
- Pore Pressure, Fracture Pressure, and Shear Failure Gradient – Post Well Analysis
- Provide drilling recommendations based on Geology, Geomechanics, and Petrophysics

Senior Petrophysicist

Baker Atlas, March 2006 – February 2010

- Petrophysical Evaluation/Interpretation for open-hole and cased-hole wire-line logging tools

- Responsible for quality control and management of wire-line data acquisition
- Expertise in acoustics processing (monopole, cross dipole and stoneley permeability)
- Stochastic determination of lithology, porosity, and hydrocarbon saturation (open & cased hole)
- Geomechanics – Determination of overburden, fracture, and shear failure gradients from static and dynamic mechanical rock properties
- Interpretation of image logs with the application to rock mechanics and borehole stability

HALLIBURTON – SPERRY DRILLING, BROUSSARD, LA (May 2004 – March 2006)

Surface Data Logging Engineer

Full-Time, May 2004 – March 2006

Intern, Summer 2003

- Responsibilities included deepwater GoM mudlogging duties for *Chevron* working on *Transocean's* Discoverer Deep Seas drillship
- Major deepwater GoM projects included Green Canyon and Walker Ridge exploration wells (Jack II, Tahiti, and Big Foot)
- Installed MWD/LWD equipment and software, pit sensors, drawworks encoders, pressure transducers, flow rate sensors, and gas analysis equipment
- QA/QC of final logs presented to the customer

ACTIVITIES & INTERESTS

- Member of SPE & SPWLA
- Saltwater fishing and Coastal Conservation Association(CCA)

SKILLS & CERTIFICATES

- Good Organizational Skills - Proficient with all Microsoft Office Software
- Excellent communication skills with a focus on teamwork
- Proficient with Linux software and Techlog for Petrophysics
- Certified and proficient in KSI Drillworks software (pore pressure prediction)
- Received EIT certificate from the Texas Board of Professional Engineers