

ENGINEERING CONSULTANT

Professional Summary

To deliver value in a professional position in the oil and gas industry that utilizes my attributes and unique skillset. Long standing track record of outperforming management's goals and milestones while reducing time, costs, and minimizing non-productive time. Incorporate both analytical and creative skills to visualize ideas, and find solutions and proactively avoid problems. In depth understanding of how mechanics and tools can be utilized for optimized functionality, economics, and safety, from experience on marginally productive plays where lowered and predictable costs were a key driver. Meticulous with invoices to ensure costs are accurate and what was agreed upon. Developed in-depth analytical and mechanical problem solving skills through years of field experience, comprehensive discussions with vendors, and learning/listening to those with more experience. Wealth of knowledge about timelines, workflows, costs, effective troubleshooting, and seamlessly integrating field and office personnel into a unified team from rich experience and field engineering experience. Continuously consider HSE and regulatory facets and how to implement them without unduly disturbing operations, when possible.

Accomplishments

- Developed Unit's drilling program in this area.
 - To date, Drilled Unit's longest lateral (6,891'), fastest GW well (17.54 days spud to TD), and only 8.75. lateral.
- Cleveland Play: o Developed Unit's drilling program in this area.
- SOHOT Play (Grady County, OK): o Developed Unit's drilling program in this area.
 - Drilled Unit's fastest Medrano well to date (19.35 days spud to TD).
- Regularly put in charge of developing the drilling programs in Unit's new core plays and drilling one-off and two-off wells.
- Proficient in Wellview reporting software.
- Directed increased expectations and new standardization for reporting requirements in the field and office across drilling, completions, and production groups.
- Worked closely with the Wellview Master User to make appropriate changes.
- Field Engineer (and continued Drilling and Completions Engineer), Unit Corporation, Tulsa, OK Sep 2008 " Mar 2011 Unit's field representative (completion/frac consultant) to prepare for frac jobs, flowback, and putting on pipeline to handover to the Production group.
- Relief pumped a route in Western Oklahoma for eight months.
- Drilling Consultant rotation for twelve months on the same rig I performed Drilling Engineer duties for.
- Safely and efficiently P&Ad 80+ wells over including one in the middle (literally) of the Washita River, encompassing all regulatory requirements, bidding and awarding work, overseeing operations, selling/transferring/disposing of reclaimed tubulars and surface equipment, location reclamation, and making good on surface owner relationships Worked with surface owners to access property to stake wells, resolve ROW concerns, and settle surface damages " liaison between surface owners and Unit's Landmen.
- Designed, bid, and awarded dirt work and confirmed final location was built as expected and suitable for the drilling rig.
- Drilling and Completions Engineer, Unit Corporation, Tulsa, OK June 2007 " Sep 2008 Designed completion procedures for the wells I drilled (perf intervals, acidizing, frac job, etc).
- Work closely with Production Foreman to ensure optimal communication between field and office.
- Communicate closely with drilling consultants to confirm office and field are on the same page.
- When problems occur, drove to rig site to be Unit's onsite representative.
- Worked with team to confirm well was drilled and completed in a manner that maximized benefits to long term project goals.
- Intern, Unit Corporation, Tulsa, OK Sep 2005 " June 2007 Handled all regulatory paperwork and ensured compliance for the drilling and completion engineers.
- Helped gather preliminary offset data for drilling engineers through a variety of software packages and resources.
- Prepared/requested bids for mud programs, cement program, directional, etc.
- Confirmed accuracy before passing along to engineers.
- Heavily involved in implementing Wellview software across Unit's drilling department (field and office) and setting up custom reports to match Unit's reporting requirements.
- Wrote training manual for drilling consultants.
- Trained Completion and Production Engineers as requested.
- Derrickhand, Nabors Drilling, CO Dec 1999 " Apr 2003 Calculated/measured mud properties and adjusted chemical additives accordingly.
- Repaired, maintained, and supervised mud pumps.
- and other solids control equipment operational status.
- Assisted driller and tool pusher in daily operations of drilling rig.
- Helped coordinate work efforts of three subordinate employees.

Experience

Engineering Consultant

July 2015 to Current Company Name 1/4 City , State

- Fulfilling a variety of engineering needs for clients " reservoir engineering, acquisitions & divestitures, company/prospect valuations, production engineering, drilling engineering, data compiling and ?clean-up.
- services, etc.
- o Using a diverse assortment of software packages " ARIES, Powertools, Petra, HIS Enerdeq, Drilling Info, Wellview, etc.

Staff Production Engineer

February 2015 to July 2015 Company Name 1/4 City , State

- Worked with an older Devonian well not riddled with inefficiency issues in the Midland Basin, cleaned up the billing structure and checked

- worked with an older Permian well set plagued with inefficiency issues in the Midland Basin, cleaned up the billing structure and obscure routing issues, and identifying/addressed many HSE issues.
- .
- Experience with Production Explorer, IHS, PHD Win, and Drilling Info software packages to complete work.
- .
- Took up an initiative " which was unsuccessfully addressed in previous years " to get the field staff up to date with technology and digital record keeping, and made significant progress in jumping some of the hurdles to work together.

Senior Drilling Engineer

March 2011 to February 2015 Company Name 1/4 City , State

- Marmaton Play..
- o Drilled Unit's longest lateral (9,870?) and fastest well (8.71 days spud to TD) to date.
- o Over the first 18 months, reduced average spud to RR from 30+ days to 13.14 days, DHC from \$2.1MM to \$1.37MM, and reduced outliers by 68%.
- o Dramatically outperformed offset operators in all metrics " spud to TD days, DHC, and outliers.

Education

Bachelors : Mechanical Engineering University of Tulsa Mechanical Engineering

Publications

Horizontal Marmaton Wells in Beaver Co, OK " Drilling Improvements and Lessons Learned?, AADE National Technology Conference and Exhibition, Cox Convention Center, Oklahoma City, OK, 27 Feb 2013. Lecture. While unsuccessfully seeking leads on a prospective drilling improvement system, two companies very shortly thereafter implementing the exact idea described, with one filing a patent and pursuing commercial development. TRAINING Landmark ARIES Fundamentals. Dustin Simmons Advanced Sucker Rod Lifting for Gas Well Deliquidification. Norman W Hein Jr Marginal Well Commission: Open Hole Log Interpretation. Gary W Batcheller Petroskills: Gas Well Deliquidification. Dr. James F Lea Oil Well Blowout Prevention Systems School, OU, (IADC WellCAP). Glen Wanzer Leadership Essentials. Kurt Webber Halliburton Drill Bits & Services: Drill Bit Technology Seminar. Multiple lecturers K&M Technology: Extended Reach Eng. Design and Implementation Course. Multiple Lecturers Blade Energy Partners: Principles of Tubular Design. Stan Mason PTTC: Completion & Stimulation(s) of Horiz. Wells in Tight and Unconv. Res. Larry K Britt Society of Petroleum Engineers: Drillstring Design. Frank J Schuh Baker Hughes: Drill Bit Technology Seminar. Multiple lecturers Baroid: Drilling Fluids Technology. Multiple lecturers Murchinson Drilling School: Operational Drilling Technology Course. Bill Murchinson

Skills

acquisitions, billing, clients, Explorer, Win, PHD, progress, record keeping, routing