

Matthew Drouillard

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EDUCATION

PhD Student, Geospatial Information Sciences (2025, anticipated)

University of Texas at Dallas

Master of Science, Geographic Information Science and Cartography (2020)

Texas A&M University

Bachelor of Science, Geology (2011)

University of Florida

CERTIFICATIONS

Engineering Project Management: Initiating and Planning

Engineering Project Management: Scope, Time, and Cost

Engineering Project Management: Risk, Quality, Teams, and Procurement

Coursera

Publications

Ajisafe, F., Reid, M., Porter, H., Fox, D., Wigger, E., **Drouillard, M.**, ... Srinivasan, K. (2019, October 30). Understanding and Mitigating Depletion Effects in Infill Wells for Optimized Production. Society of Petroleum Engineers. doi:10.2118/197078-MS

Krishnamurthy, J., Srinivasan, K., Layton, N., & **Drouillard, M.** (2019, September 23). Frac Hits: Good or Bad? A Comprehensive Study in the Bakken. Society of Petroleum Engineers. doi:10.2118/195927-MS

Alimahomed, F., Wigger, E., **Drouillard, M.**, Rosas, G. G., & Kolbeck, C. (2019, July 31). Impact of Pore Pressure on Modeled Hydraulic Fracture Geometry and Well Spacing in the East Duvernay Shale Basin, Canada. Unconventional Resources Technology Conference. doi:10.15530/urtec-2019-516

Al-Momin, A., Mechkak, K., Bartko, K., McClelland, K., Tineo, R., **Drouillard, M.**, & Nadeem, M. (2017, January 24). Cluster Spacing Optimization through Data Integration Workflow for Unconventional Jurassic Mudrocks, Saudi Arabia. Society of Petroleum Engineers. doi:10.2118/184830-MS

PROFESSIONAL EXPERIENCE

UNIVERSITY OF TEXAS AT DALLAS

FALL 2021

Teaching Assistant

Geographic Information System Fundamentals. Assist professor with course labs, lecture, and grading.

FIDELIS ENERGY CONSULTING, LLC

2020 to 2021

Offers broad range of customizable hydrocarbon technical analysis and optimization solutions.

Geoscience Director

Partner to direct business operations across marketing, sales, financials, project costs, and timeline estimates. Manage project components and provide technical deliverables for consulting and teaching engagements. Advise clients in making informed decisions on large investment projects.

- Negotiate complex challenges enabling clients to increase efficiencies and profit margins.
- Positively impact revenue streams by generating solutions and giving clients deeper insights into hydrocarbon production challenges.

SCHLUMBERGER

2012 to 2020

Leading global provider of energy technology and services.

Senior Geoscientist, OneStim, 2017 to 2020

Headed geoscience projects for OneStim integrated engineering team; documented project results, advised stakeholders, and developed and fostered client relationships. Managed transfer, loading, and quality control of large quantities of subsurface data; spatially orientated well locations into GIS and performed subsurface modeling and geostatistics.

- Developed project-specific Python scripting for data quality control automation and customized analysis.
- Contributed to \$5M group revenue by providing technical pre-sales engagements, project management, analytical deliverables, and client relationship-building.
- Led six-month pilot project as petrophysical advisor and geoscience data manager for machine learning workflows in reservoir evaluation.
- Facilitated petrophysics and geomechanics fundamentals training to engineers and other non-geoscientists in internal and external course settings.

Petrophysicist, Integrated Production Services, 2015 to 2017

Led geoscience for \$200M on-site, multi-year development Saudi Aramco project. Controlled all geoscience-related communications in weekly updates and bi-monthly milestone meetings; acted as a liaison between internal sales staff and client. Lead editor of 400-page end-of-project closure document.

- Optimized geoscience evaluation workflows and integration with engineering teams to achieve 40% reduction in decision-making time from ten to six days.
- Developed detailed reservoir evaluations utilizing advanced datasets and latest interpretational techniques; communicated findings in meaningful manner to team and client.
- Correlated hydrocarbon production to petrophysical, geomechanical, and horizontal well placement properties to best understand reservoir characteristics.

Petrophysicist, PetroTechnical Services 2012 to 2015

Constructed complex petrophysical and geomechanical earth models, arranged products for delivery and presentation to clients. Prepared pricing quotes, tracked time-on-projects, and invoiced jobs to ensure efficiency.

- Communicated directly with field personnel and clients to ensure timely and accurate data delivery for completion of projects, with primary responsibility for client satisfaction and relationship building.
- Developed \$1.4M analytical products revenue as key point of contact for clients and internal sales on technical deliverables.
- Analyzed oil and gas plays throughout U.S. Gulf Coast and West Texas regions to determine economic viability of hydrocarbon-bearing formations.

SELMAN & ASSOCIATES, LTD

2012

Provides geological and mudlogging services.

Wellsite Geologist

Provided real-time collection and reporting of wellbore cuttings from oil and gas wells for logging hydrocarbon potential and reservoir properties. Conveyed issues regarding drilling performance and rigs.

- Operated all equipment, collected and recorded samples while working unaccompanied 12-hour shifts.
- Mitigated emergency staffing situation; salvaged project operation continuity and timeline.

GEOSCIENCE PROFESSIONAL

Data Analytics / GIS / Project Management / Team Integration / Relationship Development & Management / Technical Pre-Sales Support / Problem Resolution / Customer Success / Business Operations / Reporting / Subject Matter Expert / Liaison / Advisor / Leadership / Negotiations / Documentation / Presentations / Training / Negotiations / Workflow Evaluation / Productivity Improvement

Technical professional with significant experience and success providing beneficial, complex analysis and implementing multifaceted, large scale scientific projects within scope, time, and budget. Excel at building lasting relationships and ensuring customer satisfaction. Recognized as pre-sales consultant for driving revenue and leading planning and execution of multi-million dollar projects that optimize profitability.

SELECTED ACCOMPLISHMENTS

Managed, orchestrated and achieved on-time delivery of geoscience for \$200M endeavor composed of numerous sub-projects. Schlumberger's Jafurah Basin shale development project required diligent time management and scheduling skills to prevent sub-project delays potentially impacting overall project timeline. Managed all aspects of geoscience including data analysis and management, client communications, and liaising with sales team. Primary editor and workflow manager of 400-page end-of-project technical manuscript.

Reconciled client expectations; delivered rapid turnaround project on time and under budget. Schlumberger client wanted multiwell project's 200 databases produced and interpreted within two weeks. Discussed project specifications with client and negotiated two-month, three-phased delivery enabling internal, high-impact workflow commencement. Successful project completion generated \$222.5K revenue.

Negotiated multi-faceted client contract generating \$100K in revenue while enabling client to make future production more economical. Schlumberger's client needed to increase hydrocarbon well margins and ROI. Met with client leadership to discuss scope of work, data requirements, and various objective timelines. Formulated fixed-price contract that included risk controls. Collected initial data, set up workflows, performed multiple iteration loops with engineering staff to ensure proper calibration, and executed final deliverables.

Salvaged client relationship; achieved \$250K engineering contract with additional \$20K upsell. Schlumberger client dissatisfied with another business unit's data product. Convinced client to allow reexamination of data to rectify situation. Successfully corrected data product to client's satisfaction, enabling further business.

Overcame competing consultant claims, gained \$30K in revenue. Rival consultant attempted to undermine Fidelis Energy methodologies and results for personal gain. Presented workflow, methodologies, parameters, and assumptions in logical, comprehensive manner to counter competition's claims. Client understood and appreciated specific scientific answers for competitor's challenges; accepted contract.

Presented scientific-based value proposition, surmounted client objections and achieved \$45K contract. Schlumberger client did not understand need to pay again to have geoscience models recalculated for accurate calibration. Presented scientific papers with case studies to demonstrate need to accurately validate model. Client gained understanding of precision's effect on project, and gained satisfaction with process.

Attained \$150K project contract with \$5M pull-through revenue by presenting, explaining and validating technology purchase. Schlumberger client unclear on value of recently purchased technology product. Prepared two-hour educational session with Q&A, validating technology and demonstrating application. Client understood product use, benefits and worth; expressed satisfaction with purchase and subsequent scope of work.

Reconciled co-worker relationship, promoted productive group dynamic. Fellow Schlumberger co-workers disagreed about group's nature of work, affecting team cohesion. In role as neutral party in different discipline, discussed matter separately with both colleagues and helped mediate towards resolution. Group cohesiveness improved, positively affecting morale and productivity.

Prevailed over emergency personnel shortage at remote jobsite, successfully achieved production continuity and completed project on time. Selman & Associates' fast-paced project ran 24 hours daily; down-time presented costly consequences. Second-shift partner developed flu and no replacement was available. Worked entire shifts for five days with brief naps and completed project as prescribed.