



Consulting | Project Management | Data Science

With 7 years of consulting, engineering, and project management experience I bring a balanced approach to both qualitative and quantitative challenges

Key Strengths

Project Engineering / Management • Oil & Gas • Construction Experience • Python • SQL • Data Visualization
Jupyter Notebooks • Power Point • Excel • Amazon Web Service • IBM Watson • Primavera P6 • Web Design
Fluid Systems Engineering • Onshore / Offshore Experience • Process Reengineering / Improvement

Summary of Qualifications

- Sustained excellence in leveraging technical engineering, analytical, and consultation capabilities to maximize efficiencies and cost savings in production, productivity, and scheduling, while mitigating environmental risks.
- Talent for creating key performance indicators / metrics that support production targets; well versed in performing research and data / statistical analyses to strengthen processes and identify / rectify problems.
- Proficient in working directly with clients to perform needs assessments and design targeted technical and project solutions. Possess extensive project engineering and management expertise. Licensed private pilot.

CAREER HIGHLIGHTS

Project Engineer, CASEY INDUSTRIAL, Denver, CO • 2016-2017

Offered project engineering guidance and support for field operations, including issues related to estimating, procurement, and process controls.

- Played important role in producing key changes in workflow processes between estimating and procurement departments by developing / presenting to C-suite executives after-action review of project buyout process. Efforts strengthened risk portfolio and cost models for \$12 million in equipment procurement.

Fluids Systems Consultant, MI SWACO (Schlumberger Company), Anchorage, AK • 2014-2016

Charged with designing and implementing fluid system to address catastrophic engineering issues on 2nd most expensive oil well in U.S. history. Managed materials, including packaging, transport, and loading at three ports and two warehouses to ensure availability of fluid systems during shell drilling season.

- Leveraged strong engineering background to operate as primary subject matter expert with focus on ensuring delivery of critical subsystems and continual client satisfaction.
- Delivered 12 subsystem projects for Conoco during tenure, all between 10% and 60% under cost targets.
- Led efforts to develop 14-stage fluid management plan for \$1.5 billion oil well that provided schedule, production, and productivity controls and metrics, while also reducing environmental risk.
- Highlighted company's added value to client related to North Slope Kuparuk operations by creating and tracking key performance indicators during challenging time of falling oil prices.
- Promoted to lead engineer with 20 million dollar yearly budget and trained entry level engineers.
- Spearheaded 10% to 60% reduction in fluid costs, along with 30% reduction in transportation costs by developing related rates model, key to design of dilution optimization strategy.



Fluid Systems Consultant, HALIBURTON BAROID, Casper, WY • 2012-2014

Orchestrated efforts to reduce material imports / exports, as well as high-risk operations for \$70 million drilling operations in Alaska by developing mathematical models that optimized fluid management procedures.

- Produced impressive reduction of 33% or \$20 million in energy development costs by reengineering drilling processes during preconstruction.
- Lowered raw material costs by 20+%, while increasing productivity of overall drilling operations through greater lubricity by introducing and integrating advance technologies.
- Enabled client to secure additional 3,200 acres of exploration rights by mitigating severe risks to project schedule through targeted advisement on optimal process improvements and efficiencies.

Cement Technical Professional, HALLIBURTON, Williston, ND • 2010-2012

Instituted process improvements that decreased probability of continuous schedule delays through use of statistical analysis.

- Developed 3-dimensional models of cement mixing plant and associated field equipment for use as training aids.
- Advised clients on optimal fluid systems for their specific applications through use of 3-dimensional CFD computer models.

Career Note: Provide ongoing service as Assistant Business Manager for CRESTVIEW LLC, creating and assessing business plans to expand business into new real estate markets and facilitating administration of construction and maintenance contracts. Developed marketing strategies to promote rental of various properties.

EDUCATION / CERTIFICATION / SPECIALIZED TRAINING

Master of Business Administration (expected graduation 2018) – GPA 3.7/4.0, University of Denver, Daniels College of Business

Bachelor of Science in Civil Engineering (2009), Washington State University

Engineer-in-Training, State of Washington Certification

BIOSIET Offshore Training (2015), Flack Safety

Reservoir Engineering (2015), Texas A&M University

Formation Evaluation (2015), Texas A&M University

Advanced Drilling Engineering (2014), Texas A&M University

12-week Drilling Fluids Engineering School (2012), Halliburton Baroid

1-week Well Control School (2012), Halliburton Baroid

18-week Technical Training Program (2010), Halliburton

Associates of Science of Transfer (2007), Highline Community College

High School Diploma - 2004

Private Pilot License (2003)

500 Hours Pilot in Command, 150+ Hours Light Twin as of 2018