

Project Engineer with 9 years of engineering and management experience in the oil fields of Alaska. Managed multi-disciplined teams of 2-12 people, including engineers, designers, procurement specialists, project controls, construction engineers, on site construction management, construction labor and various subcontractors. Managed projects varying from capital projects upgrades on surface facilities to downhole wells production improvements and optimization to managing civil construction projects from the Cook Inlet to the North.

Certifications:

- ACI Concrete Field Testing Grade I (2016)
- AK-CESCL (2016)
- Well Intervention Well Control (2013)
- Drilling Well Control (2012)
- North Slope Safety and Orientation Training (NSTC) (2010)
- NCEES Engineer-in-Training (EIT) Certification (2010)
- Crane Operator (2010)
- Eagle Scout (2005)

PROFESSIONAL EXPERIENCE

Wood, plc – BP EPC Contract – Anchorage, AK

Project Engineer, June 2017 – Present

- Manage EPC (Engineering, Procurement & Construction) projects for all phases of project development and execution, from early scope development to engineering, procurement, fabrication, field construction and turnover ranging from \$200K to \$3M.
- Review and provide input to engineering design and engage all stakeholders including the client's engineering, construction and operations groups and state and local agencies to obtain their review, input and final approval for the engineering design to be issued for construction.
- Responsible and accountable for developing and delivering projects to key performance indicators, including scope, schedule, budget and quality.
- Coordinate, develop and provide input to estimates to complete EPC projects at various stages from Appraise to Execute.
- Ensure construction conforms to engineering design and client specifications and complies with all applicable codes and standards.
- Develop RFI's for engineering and construction and manage and track them through to completion.
- Initiate and oversee change management on projects including identifying, quantifying and communicating change through change requests to the client.
- Review cost and schedules on a weekly basis for accuracy and to ensure the project is under budget and on track.
- Manage communications with the client stakeholders for project updates on a daily or weekly basis as needed.
- Coordinate with the client, subcontractors, material suppliers, inspection groups and others in order to complete projects.

Alaska Interstate Construction, LLC – North Slope, AK

Project Engineer, June 2015 – June 2017

- Oversee civil construction projects in the field and ensure construction conformed to engineering design and client specifications and complies with all applicable codes and standards.
- Develop bids for projects by working with clients to develop a project's scope of work with engineering design drawings, determine material and labor and equipment needs and create a schedule with P6.
- Coordinate with client, subcontractors, manufacturers/vendors, inspection groups and others to complete projects.
- Monitor and update progress of construction projects using P6 scheduling software and HeavyJob, a project management software, to ensure the project was on track.
- Manage the budget for construction projects and create budget estimates and cost tracking reports for management.
- Perform operational risk analyses prior to all work commencing and perform root cause analyses for any safety incidents and communicate lessons learned.

BP – Anchorage and North Slope, AK**Well Integrity/Interventions Engineer, Oct 2012 – Feb 2015**

- Managed contractors to complete well work projects utilizing a variety of specialized equipment to improve production, perform preventative maintenance or implement engineered solutions to fix wells.
- Applied engineering concepts to design solutions for corroded downhole piping or failed downhole equipment.
- Coordinated with Operations and contractors to coordinate and complete well work projects.
- Performed risk assessments prior to performing well work projects and developed preventative measures and mitigations for the risks.
- Monitored well stock for well integrity issues due to corrosion of piping or other components, and designed and executed methods of locating and fixing issues.
- Performed integrity assessments by hand or using various software to determine downhole pipe stress encountered during downhole maintenance and normal production due to pressure from sources including the reservoir, hydrostatic or surface induced, while taking into account corrosion factors of downhole piping.
- Reviewed P&ID's and PFD's for accuracy at the well pads and facilities in Prudhoe Bay.
- Mentored and trained 5 engineers in the office how to troubleshoot well problems, design engineering solutions and manage the well work projects to implement those designs.

Schlumberger – Kenai and North Slope, AK**Wireline Field Engineer, Jun 2010 – Oct 2012**

- Managed 3 operators and subcontractors to analyze oil and gas wells using specialized equipment, perform preventive maintenance or fix corroded or damaged wells.
- Monitored downhole piping for corrosion and other problems and applied engineering concepts to design solutions for client's wells.
- Managed communications with the client and operations to develop scopes of work, estimates and schedules.
- Managed and controlled the quality of our services during all phases of the operation.
- Acted as the Radiation Safety Officer to manage compliance requirements stipulated by Schlumberger and the Nuclear Regulatory Commission (NRC) for all radioactive sources on location. Trained employees to use radiation safely.
- Trained 3 field engineers how to manage a crew and equipment to perform field work on wells, analyze well problems and design engineering solutions.

The Shaw Group, Inc. – Centennial, CO**Mechanical Engineer Intern, May 2007 – Aug 2009**

- Assisted with the Comanche Unit 3 Power Project in Pueblo, CO (750 MW coal-fired power plant). .
- Reviewed and approved engineering drawings (P&ID's, PFD's, ISO's, calculation sheets and others).
- Created a document search system for engineers to find engineering drawings of specific equipment or systems.
- Made several site visits to witness the construction of the coal-fired power plant from the foundation to startup.

SKILLS:

- Primavera P6
- Microsoft Office Programs
- Microsoft Project
- Explosives Specialist
- Radiation Specialist