

Performance-driven Project Engineering professional with a strong foundation in engineering project management including CAPM certification and engineering design. Offering 20 years of experience delivering projects for offshore oil and gas industry. Capable of guiding project success by leveraging exceptional construction management skills. Proven history installing major capital projects with installation budgets greater than \$100M. Known for strong leadership and operational excellence with the ability to revamp processes and boost company revenue.

EXPERTISE

- Project Management
- Troubleshooting
- Standards and Compliance
- Construction Safety
- Project Estimation
- Subsea - Offshore Construction
- Execution Planning
- Construction Design
- Consulting
- Leadership
- Change Management
- Installations
- Client Relations
- Construction Management
- Training and Development

PROFESSIONAL EXPERIENCE

J & A TAYLOR, LLC

Apr 2015 to Present

Contractor, Owner: Driving operational improvements while performing project and field engineering contracts.

- **Project Engineer - *Quanta Marine Services, Sur de Texas – Tuxpan*:** Inherited package engineering for pipe anchors and pipeline burial scopes as personnel departed the project. Performed project engineering and field engineering onboard the DLB Quanta Iroquois. Assembled and delivered as-built documentation following client approval including components from various subcontractors.
 - **Installation scope included pulling pipe bundles through a micro-tunnel, laying 2.2 km of 42" concrete coated pipe, two Above Water Tie-Ins, installation of pipe anchors, and burial of two 42" pipelines offshore, Altamira, Mexico.**
- **Pipeline Installation Lead - *McDermott- BPTT Angelin*:** EPCIC project to install the NUI platform and tie it into existing infrastructure offshore Trinidad. Installed 21 km of 26" concrete coated pipe in water depths from 85 m to 65 m offshore Trinidad with no welding or FJC rejects. At the time, deepest CWC pipeline installed by the DLV 2000. Managed AUT, FJC, head fabrication, and PRT subcontractors for pipelay scope. Package engineer for the pipeline heads. Head package included design, procurement, testing, and fabrication. Coordinated pipe supply to the installation vessel to ensure continuity during pipelay. Worked closely with spool piece package engineer to ensure diver tie-ins could be made.
 - **Coordinated with T&I manager and project engineers to develop plans to cope with long joint lengths and out-of-spec CWC cutbacks with zero delays during the offshore pipelay campaign.**
- **Removal Operations Lead - *McDermott – Anadarko I-Hub SCR Removal*:** Removal/Operations Lead for the Anadarko project to remove seven production SCRs from the Independence Hub FPU and abandon each on the seabed. Removed and abandoned seven production SCRs in over 8,000 ft water depth within the contractual window.
 - **Re-sequenced activities of the offshore campaign which minimized mechanical downtime and completion of the campaign within timeline and budget.**
- **Installation Engineer - *ExxonMobil Julia*:** Tie-back ExxonMobil Julia Field to the existing Chevron-operated JSM Platform. Coordinated refurb and reactivation of SCR pull-in chain jack. Facilitated acceleration of the installation schedule to utilize scheduled downtime windows in the drilling schedule. Avoided potential delay in drilling schedule due to installation activities.
 - **Wrote and implemented field surveillance plan based on experiences with the *Mardi Gras Project and JSM OEP Project* which impressed the quality lead, delivery lead, and senior inspector.**

Staff Technical Specialist III: Reviewed construction plans and procedures while serving as a construction engineer. Managed daily operations of contractors on behalf of construction management. Performed package engineering for a satellite communications system for the Chevron site team on Casterone.

- **Chevron JSM OEP:** Design, install, and pre-commission the 136-mile-long, 24" oil export pipeline from the new JSM platform to an existing Shell Pipeline operated platform in GC-19.
 - **Installed 136 miles of 24" pipe in water depths ranging from 700 ft to 7,200 ft with new build vessel without incident.**
 - **Coordinated with PHMSA auditors and CPL construction superintendent on offshore deep-water pipeline installation audit which impressed auditors and resulted in the project passing the audit.**
 - **Managed technical interface with international installation contractor.**
 - **Assisted pre-commissioning lead with hydrotest activities (onshore and offshore) and in managing the pre-commissioning contractor.**
 - **Facilitated engineering design and installation of the system between Chevron's IT, Saipem's IT, and Saipem's satellite provider.**
 - **Revamped operations when coordinating with the construction manager to develop and present refresher courses for each inspector on collecting data after a crew change which improved issues with data collection during the project.**

INTECSEA

Jun 2000 to Oct 2010

Senior Engineering Specialist: Collaborated with clients to gather requirements and provide project updates. Improved operations by developing installation methodologies and cost estimates for various deep-water development scenarios.

- **Installation Engineer, BP Tubular Bells:** FEED project reviewing various development scenarios for the Tubular Bells field. Served as acting installation lead engineer. Senior project representative during offshore UXO survey.
- **Package Engineer, Senior Client Representative, BHP Shenzi Project:** Installation of SPS equipment in deep-water, suction piles, umbilical's, manifolds, jumpers, and flying leads for three drill centers in the Shenzi field. Managed offshore site team onboard the installation vessel. Managed suction pile and jumper onshore fabrication. Performed primary installation interface for design engineers and manifold fabricators.
- **Installation Engineer, Field Engineer, BP Mardi Gras:** Installed four export pipeline systems to transport oil and natural gas from deep-water facilities in southern Green Canyon and Mississippi Canyon lease blocks from newly converted and upgraded vessel, DCV Balder, without major incident.
 - **Over 300 miles of pipe ranging in size from 16" to 28" and in water depths up to 7200 ft.**
 - **Developed new DPR and implemented use for future projects which resulted in fewer errors and easier trace.**
- **Flowline Engineer, Canyon Express:** Installation of 12" flowline loop connecting three separate fields each with different operators. Included installation of umbilical, MDL, and pipeline crossings. Designed and analyzed pipeline crossings. Client representative onboard vessel during capping mattress installation and rock dumping.

EARLY CAREER: Student Research Technician | Texas A&M University; **Student Technician I** | Texas A&M University

EDUCATION & CERTIFICATIONS

Bachelor of Science (BS) in Ocean Engineering | Texas A&M University College Station, TX
CAPM; FOET; TWIC; SafeGulf Certification; Medical Certificate of Fitness for Offshore Work; Global Entry; Fall Protection User Safety Training; EIT Certificate; Subsea Awareness; HLS2X: Contract Law: From Trust to Promise to Contract; Project Management; PIPE01x: Introduction to Oil Country Tubular Goods (OCTG); Statistics

TECHNOLOGY - SKILLS – EXPERIENCE FACTORS – PERSONAL QUALITIES:

Microsoft Windows, Microsoft Excel, Microsoft Office Suite, Microsoft Visio, Microsoft Project, AutoCAD, Draftsight, Adobe Acrobat Professional, PDF X-Change Editor, ANSYS, OrcaFlex, StiffCat, Multiple Projects, Safety, Presentations, Project Management, RFQs, Scheduling, Training, Administrative Skills, Technical Knowledge, Analytical Skills, Competitive, Increase Shareholder Value, Problem Solver, Self-motivated, Flexible, Organized, Change Management, Global Experience, BSEE regulations, Offshore Experience

AFFILIATIONS

American Society of Mechanical Engineers
Marine Technology Society
Project Management Institute

Society for Underwater Technology
Society of Naval Architects and Marine Engineers