



### **SEAN P. PELLEGRINO, P.E.**



Mr. Pellegrino is a Principal with Long International, and has more than 40 years of experience in all aspects of engineering, project planning and execution, and project management consulting for onshore and offshore oil and gas projects. His extensive and varied professional experience in the oil and gas industry includes responsibilities for the full project life cycle. Mr. Pellegrino has supported, managed, consulted and acted as an expert witness for some of the largest, most complex projects in the oil and gas industry. His responsibilities and experiences include conceptual business case assessment, planning, contract development and award, execution, administration, claims avoidance/assessment, project commissioning, startup, and closeout. His oil, gas, LPG and LNG project experiences include onshore/offshore, upstream/ downstream, and domestic/international projects with increasing size and complexity. Project scopes ranged from

multi-million-dollar domestic projects to multi-billion-dollar international projects. Mr. Pellegrino has worked extensively on international joint venture major capital projects from the owner's side.

Mr. Pellegrino has extensive shipyard, modular construction, fabrication yard, and construction site project experience. His experience includes both international onshore and offshore locations. His offshore responsibilities included various field development projects with owner management project teams and the engineering and construction contractors' project teams for Floating Producing Storage and Offloading (FPSO) facilities, platforms (drilling, processing, compression, water injection, living quarters and Mobile Offshore Producing Units) and pipelines. He consulted extensively on two Western Australian LNG mega-projects in which he provided project management expertise, drove the establishment of labor productivity programs, and participated as a subject matter expert on project execution assurance processes. As a Principal with Long International, Mr. Pellegrino provided expert claim support on two additional Australian LNG mega-projects.

Mr. Pellegrino has consulted as a subject matter expert in project and construction management covering contracting strategies, contract development/assessment, cost and schedule development/assessment, contract administration, claims avoidance, risk identification, project controls, constructability, project planning and execution, productivity, workface planning/advance work packaging, and commissioning and start up for an owner's multi-billion-dollar portfolio of capital projects. From his direct involvement on project claims, Mr. Pellegrino focused on the implementation of the appropriate contract language, contractor award assessment, organizational structure, workflows, processes, project readiness and performance assessments for claim avoidance on projects. Throughout his career, Mr. Pellegrino provided claims avoidance and contract claims support for disputes on various projects from the owner's side.

Supporting the portfolio of the owner's capital projects, Mr. Pellegrino developed and established a productivity program for an owner, created and led a Construction Management Center of Expertise, and established a construction management network. The establishment of the Construction Management Center of Expertise improved the owner's construction management organizational capabilities through the active capture and incorporation of lessons learned and best practices from capital projects and, specifically, through the development, standardization and implementation of specific construction management processes, procedures, guidelines, assurances, and project execution planning.



Mr. Pellegrino co-chaired the Construction Industry Institute initiative for the development and implementation of Advanced Work Packaging for construction. Through this work and by the adoption of the construction industry, Advanced Work Packaging is now a recognized industry best practice.

## **EDUCATION**

M.S., Engineering Management, University of Houston, 1999

B.S., Mining Engineering, University of Pittsburgh (Cum Laude), 1981

## **PROFESSIONAL REGISTRATIONS**

Registered Professional Engineer, Texas (No. 81606)

Project Management Professional (No. 4589) (inactive)

Certified Mediator in Negotiation/Conflict Resolution (1999)

## **PROFESSIONAL AFFILIATIONS**

Construction Industry Institute (CII)

Construction Users Roundtable (CURT)

## **TEACHING AND ADVISORY BOARDS**

Construction Industry Institute Advisor and Team Member for “Advanced Work Packaging + Lean Working Group”, Present.

Construction Industry Board of Advisors for Workface Planning Certification, 2014-Present.

Construction Industry Institute Advisor for “Advanced Work Packaging: From Project Definition through Site Execution” RT-272-2 and “Transforming the Industry: Making the Case for Advanced Work Packaging as a Standard (Best) Practice” RT-319, 2012-2014.

Instructor, through the University of Texas and Construction Industry Institute, Master’s Degree of Construction Management Curriculum, “Project Alignment,” 2010-2011.

Construction Industry Institute Co-Chair for “Advanced Work Packaging: Design through Workface Execution” RT-272, 2009-2011.

## **TECHNICAL EXPERIENCE**

Representative U.S. and international technical experience includes:

- Management of oil and gas projects, including project management, the management of owner’s project teams, and major engineering and construction contractor’s project teams
- Management and implementation of owner’s construction management initiatives
- Development and employment of project and construction management plans and procedures
- Development and assessment of project costs and schedule estimates
- Assessment of appropriate productivity factors to apply for the scope of work
- Assessment and mitigation planning for project risks



- Creation and evaluation of contracting strategies
- Development and consideration of bidders, bid lists, bid evaluation, and bid award procedures
- Formulation and appraisal of contract terms and conditions, exhibits, and specifications
- Development, implementation, and assessment of construction readiness and project performance reviews
- Creation and execution of constructability reviews
- Development and employment of productivity programs, plans, and procedures
- Development and implementation of productivity risk reviews
- Analysis of active project schedules
- Identification and evaluation of engineering and construction changes and their impact on cost and schedule
- Root cause analysis on actual cost and schedule performance against project agreements
- Performance of process, mechanical and civil engineering functions for facilities and pipeline design, process sizing, and equipment selection. Engineering functions also included Hazops, risk assessments, the development of process flow diagrams and piping and instrumentation diagrams, facilities layouts, and preparation of facilities, equipment, and instrument specifications

## **PROFESSIONAL EXPERIENCE**

### **Long International, Inc.**

*Houston, Texas Area (July 2016 to Present)*

As a Principal with Long International, Mr. Pellegrino provides expert services in all facets of contract dispute analysis and resolution, litigation/arbitration/mediation support, and expert testimony regarding engineering, project planning and execution, and project management. Commencing in mid-2017, he was one of the lead technical analysts on a major expert assignment to investigate the status of engineering deliverables in construction work packages delivered by the EPC contractor to the construction subcontractor on a LNG project in Australia. His analyses comprised components of an expert report submitted in mid-2020.

Commencing in mid-2020, Mr. Pellegrino was one of the lead technical analysts on a major expert assignment to investigate and assess the appropriate use of project estimating practices and project management practices by the EPC contractor on a LNG project in Australia. His analyses comprised components of two expert reports submitted in the first half of 2021.

### **Chevron Corporation – TengizChevroil – Future Growth Project**

*Aktau, Kazakhstan (January 2015 through June 2016)*

Mr. Pellegrino served as the Kazakhstan Fabrication Delivery Manager. He was responsible for all fabrication, development, and execution delivery aspects including safety, regulatory, engineering, constructability, quality, contract administration, project controls, local content, labor relations, assurance, risk and interface, productivity, cost, and schedule functions of Pre-Assembled Racks (PARs) for the Future Growth Project. He also managed complex tasks, including logistical challenges, custom clearances, limited skilled labor resources, volatile labor unions, mandated local content requirements, poor productivity, and a significant increase in yard fabrication production output. He proactively addressed these complexities through organizational responsibilities and processes. Mr. Pellegrino's responsibilities had an estimated



contract value of more than US\$1.1 billion with a fabrication work scope of more than 17 million man-hours. The Future Growth Project is a more than US\$40 billion oil and gas processing and reservoir pressure maintenance by gas injection project located in Kazakhstan.

Mr. Pellegrino's specific accomplishments included initiating a safer and more productive build method change that the contractor identified as a cost savings of approximately US\$60 million. In addition, he championed fabrication-driven engineering sequencing to ensure more productive and predictable execution. Mr. Pellegrino identified resourcing schedule opportunities with the contractor, which led to enhanced resource leveling for the project. He managed the contract and assisted in the negotiation with the contractor to avoid delay claims for late project commencement. In addition, Mr. Pellegrino drove the successful preparation for contractor readiness by identifying activities for efficient fabrication commencement and better assurance of sustainable execution.

**Chevron Corporation – Project Resources Company – Project Execution Consulting**

*Houston, Texas (January 2012 through December 2014)*

As Lead Manager, and the originator for the Construction Management Center of Expertise, Mr. Pellegrino built construction management organizational capability for Chevron's worldwide multi-billion-dollar capital project portfolio. He improved construction management organizational capability by standardizing application and adopting recently developed construction project management and productivity processes, procedures, guidelines, and assurances. Mr. Pellegrino was responsible for the development of these construction management and productivity practices. Significant project benefits were achieved through customized consulting engagements, project assurances (risks, readiness, and performance), reviews, network meetings, and general functional support. Inherent in building construction management organizational capability is the delivered improvement in safety, cost, schedule, and quality and predictability performance on projects. Mr. Pellegrino provided the construction management subject matter expertise to the multi-billion-dollar yearly portfolio of major capital projects. This subject matter expertise support included construction concept selection, execution planning, cost and schedule development and assessment, contracting strategy selection, risk identification and mitigation, contract development, evaluation and award, constructability, construction readiness assessment, labor resource planning, safety planning, material and supply chain management, productivity, workface planning, claim avoidance, construction execution, construction administration, performance assessment, commissioning and startup, and project closeout. He provided extensive upstream and downstream consulting including consulting/subject matter expert for cost, schedule and risk assessments, productivity risk assessments, fabrication, and construction readiness reviews (module fabrication, subsea manifold fabrication, site construction), module transportation readiness reviews, pipeline readiness reviews, and labor productivity risk analyses. Mr. Pellegrino also consulted and established project productivity programs and workface planning.

During this period, Mr. Pellegrino extensively consulted on two Western Australian LNG mega-projects, providing project and construction management subject matter expertise. Additionally, he participated in the various project execution assurance processes from engineering through to construction. He consulted and participated in the engineering design, fabrication, and construction readiness assurances and performance reviews for the offshore facilities, pipelines, and site construction on these LNG projects. Mr. Pellegrino visited the site and various module fabrication yards, subsea fabrication yards, and the contractors' worldwide engineering and project management offices. He was the home office main support for fabrication and construction, and participated in project risk analyses, cost and schedule risk analyses, and yearly partner reviews. Mr. Pellegrino facilitated improvement in material management and logistics issues, and consulted



on the module transportation and logistics plan. He also was a key participant in the establishment of the labor productivity programs for these LNG projects.

A specific accomplishment included the development and implementation of the enterprise adoption of the construction readiness capital projects review process. The construction readiness review process incorporated necessary elements to deliver an efficient commencement and sustainable construction execution. Assessment of minimum construction readiness criteria reduced both project cost and schedule growth. Mr. Pellegrino was responsible for the development and implementation of an enterprise productivity program including workforce planning process adoption for capital projects. Adoption of this program resulted in better cost, schedule, and predictability performance on projects. The adoption of productivity programs on the portfolio of projects was aided by working with the owner's larger EPCI contractors for implementation. Mr. Pellegrino developed individual "Craft Productivity Bridging Documents" to align expectations among the owner and these contractors on project planning, execution, processes and procedures to drive enhanced labor productivity results.

**Chevron Corporation – Project Resources Company – Project Execution Consulting**

*Houston, Texas (June 2009 through December 2011)*

Mr. Pellegrino served as the Productivity and Construction Management Initiative Manager. He was responsible for development and employment of a complete suite of construction management and productivity tools, processes, procedures, and engagements for Chevron's multi-billion-dollar capital project portfolio. Included in the scope of deliverables were the development of a construction management handbook, establishment of a construction management network and SharePoint site, construction management and productivity assurances, processes, and procedures. Mr. Pellegrino's work enhanced the owner's organizational capabilities in construction management on capital projects driving better safety, quality, and cost and schedule performance. This initiative established the Construction Management Center of Expertise for more predictable performance and the continuous improvement of the capital project portfolio pertaining to construction safety, quality, cost, and schedule and productivity performance.

A specific accomplishment included championing the initial implementation of a productivity program on an onshore gas-to-liquids project that resulted in a 23 percent improvement in productivity, and an estimated cost savings of over US\$100 million. The results established the value of implementing productivity programs and having a Productivity Manager's position on future owner capital projects. Mr. Pellegrino established a construction management network and SharePoint site that facilitated and encouraged the collaborative sharing of construction management ideas, innovations, lessons learned and best practices for better project performance.

**Chevron Corporation – Project Resources Company – Tombua Landana Project**

*Houston, Texas/Ingleside, Texas/Vlissingen, Holland/Lobito, Angola/Okpo, South Korea/  
Offshore Angola (September 2005 through May 2009)*

As Construction, Hook-Up and Commissioning Manager, Mr. Pellegrino delivered all the necessary technical, contractual, commercial, regulatory, and execution requirements related to the construction, hook-up and commissioning of the offshore Angola Deep-Water Tombua Landana Platform. He was involved for the full project life cycle from conceptual business case to operational hand over. He supported development of the Final Investment Decision (FID) package by developing the cost and schedule estimates for his scope. Mr. Pellegrino's responsibilities had a value of more than US\$1.4 billion with a fabrication work scope of



more than 5 million man-hours. His oversight included the project management and contract administration of the fabrication scopes in Europe, the United States, South Korea and Angola, and the hook-up and commissioning in offshore Angola. These management responsibilities included cost and schedule development and administration, execution planning, constructability, risk management, interface management, contract strategy development, bidder's list identification and selection, contract and bid package development, contract award and administration, change management, project controls development and administration. Mr. Pellegrino managed the owner's project team, the various fabricators' project teams, and the contractors' hook-up and commissioning project teams. He worked closely with the owner's operational organization and the joint venture governmental partners to establish clear communication and alignment while building trusting relationships.

A specific accomplishment included the establishment of a conflict resolution project procedure. The procedure provided a clear roadmap and drove accountability that resulted in timely decision making and issue resolution among the owner and the contractors on trending and outstanding contract issues. During fabrication, Mr. Pellegrino facilitated quarterly CPM schedule assessments of the various contractors' schedules, which resulted in early identification of schedule delays and avoidance of future schedule conflicts. Mr. Pellegrino successfully managed and delivered his scope per safety, quality, cost and schedule project performance expectations. At the time of completion, the Tombua Landana Compliant Platform was one of the tallest structures built and installed in the world. The Tombua Landana facility has a design capacity of 130,000 BOPD.

**Chevron Corporation – Project Resources Company – Sanha LPG FPSO**

*Houston, Texas /Monaco/Hiroshima, Japan/Yokohama, Japan/Singapore/Cape Town, South Africa/Offshore Angola (September 2001 through September 2005)*

As Project Manager, Mr. Pellegrino delivered all the necessary technical, contractual, commercial, regulatory, and execution requirements for the project. His responsibilities included detailed engineering, cost, and schedule development, contracting strategy development, bidder's list identification and selection, contract and bid package development/award/administration, Classing Society Certification, fabrication management, sea trails, transportation, hook-up, and commissioning and turn over to operational activities for the project. Mr. Pellegrino was involved in the full project life cycle from business case justification to hand over of the facilities to operations. He oversaw project management and contract administration of the engineering, fabrication, and hook-up and commissioning scopes in the United States, Europe, Japan, Singapore, and Africa. These management responsibilities included cost and schedule administration and assessment, execution planning, constructability, risk management, change management, and project controls development and administration. Mr. Pellegrino managed the owner project team and the contractors' various engineering, fabricator, and hook-up commissioning project teams. Mr. Pellegrino engaged closely with the owner's operations organization, the regulatory Classing Society, and the owner's joint venture governmental partners to establish clear communication and alignment that facilitated timely approval cycles. Mr. Pellegrino also had responsibilities for the development of the owner Bare Boat Operating Agreement.

A specific accomplishment involved the awareness of a potential US\$100+ million claim from the contractor. Prior to the contractor's issuance of the claim, Mr. Pellegrino worked with a claim consultant to assess the range of the owner's financial culpability. This early intervention allowed a successful resolution of the issue at approximately 10 percent of the potential owner's cost exposure. Mr. Pellegrino successfully managed and delivered his scope per the safety, quality, cost and schedule project performance expectations. The Sanha



LPG FPSO was the first purpose built LPG FPSO. The value of the project was more than US\$400 million. The Sanha LPG FPSO has a design capacity of 37,000 BPD of LPG.

**Chevron Corporation – Project Resources Company – Sanha Condensate and Bomboco Project**  
*Houston, Texas (June 1998 through September 2001)*

Mr. Pellegrino served as the Engineering Manager for the Sanha Condensate and Bomboco Field Development Project. In this role, he was responsible for the management of engineering, procurement, execution planning and contract development, assessment, and award for engineering activities through contract execution. Mr. Pellegrino's responsibilities included the management of the procurement and various engineering deliverables of the owner project team and the engineering contractor's project team. His additional responsibilities included assisting in the development of the FID package, development of overall project cost and schedule estimates through project completion, engineering cost and schedule control and engineering and risk studies. Mr. Pellegrino proactively incorporated constructability, fabrication, transportation, installation, hook-up, and commissioning aspects into the engineering design. He delivered his scope successfully against the project's cost and schedule expectations. Valued at more than US\$2 billion, the Sanha Condensate and Bomboco Field Development Project was a gas and oil project to recover oil, condensate, and LPG in offshore Angola. The project included a LPG FPSO, a 180 bed living quarters platform, process and compression platform, two drilling platforms, and pipelines. The project had a total hydrocarbon liquid design capacity of 90,000 BLPD and a total gas re-injection/compression rate of 450 MMSCF/D.

**Chevron Overseas Petroleum Incorporated – Nigerian Business Unit**  
*Houston, Texas/New Orleans, Louisiana/Warri, Nigeria/Offshore Nigeria (April 1997 through June 1998)*

As Staff Project Engineer for the Ewan Field Development and the Parabe Living Quarters Project, Mr. Pellegrino oversaw the full project life cycle including management of engineering, procurement, bid package preparations contract administration, and cost and schedule development through bid award for both projects. His responsibilities included the development of the Approval for Expenditure (AFE) package, cost and schedule development, project management and contract administration of the fabrication, transportation, installation, and hook-up and commissioning activities for the Ewan Process Platform, and flowlines and pipelines for the Parabe Living Quarters Platform. In addition, he managed the owner's and contractor's engineering project teams. This management responsibility expanded to the owner's project team and the various contractors' project teams associated with the fabrication of the Ewan Platform, Parabe Living Quarters and offshore flowlines, pipelines and facilities installation scopes. The main fabrication locations were in New Orleans, Louisiana and Warri, Nigeria. Mr. Pellegrino delivered his scope successfully per the project's safety, cost and schedule requirements. The Ewan Field Development and Parabe Living Quarters Projects had values of US\$150 million and US\$20 million, respectively. The Ewan Platform had a design capacity of a 45,000 BOPD. The Parabe Living Quarters included the fabrication, transportation and installation of a 60-bed living quarter. Both of these facilities are located in offshore Nigeria.

**Chevron Overseas Petroleum Incorporated – Nigerian Business Unit**  
*Houston, Texas/Offshore Nigeria (January 1995 through April 1997)*

Mr. Pellegrino served as Senior Facilities Engineer for the Oloye Field Development Project. In this role, he provided conceptual engineering, alternative analysis facility selection, detailed engineering, execution planning and contract development/administration for the project. Mr. Pellegrino's other responsibilities included development of the AFE package, formulation of the project cost and schedule estimate and overall



cost and schedule administration. Mr. Pellegrino managed the owner's and contractor's project teams of discipline engineers. The value of the Oloye Field Development Project was US\$47 million. The Oloye Field Development Project is located offshore Nigeria and included flowlines, pipelines, and a production processing platform. The Oloye Platform has a design capacity of 20,000 BOPD.

**Chevron Overseas Petroleum Incorporated – Nigerian Business Unit**

*Houston, Texas/Escravos and Offshore Nigeria (January 1994 through January 1995)*

Mr. Pellegrino was a Senior Facilities Engineer. He was responsible for providing technical engineering and project management support to the onshore and offshore projects business unit. He developed the AFE packages and provided the cost and schedule estimates. In addition, he oversaw engineering for the design of various offshore living quarters including layout and utility equipment sizing and specifications for living quarters, power generation, water, and sewage treatment equipment. Mr. Pellegrino developed the AFE package and provided cost and schedule estimates and engineering for the design of gas compression modules that included process design, material selection, and equipment sizing. His engineering and project management support responsibilities also involved the design and construction functions for an onshore oil and gas processing plant.

**Chevron Overseas Petroleum Incorporated – Nigerian Business Unit**

*Houston, Texas/Sabine Pass, Texas/Onne, Nigeria/Offshore Nigeria  
(January 1993 through January 1995)*

Mr. Pellegrino was Senior Project Engineer for the Inda/Idama Field Development Projects. He was responsible for project management, bid development/award, contract development/administration, engineering, Classing Society administration, fabrication, transportation, installation, and hook-up and the commissioning aspects of the projects. Mr. Pellegrino was involved in the full project life cycle. He supported the development of the AFE package by providing the cost and schedule project estimates. Mr. Pellegrino managed the owner and the EPCI contractor project teams. The EPCI contractor defaulted during the fabrication phase, and the owner's team took over the EPCI's responsibilities, which Mr. Pellegrino managed. He provided claim support to the owner's claim consultant. The Inda/Idama Field Development Projects included the refurbishment and conversion of two jack-up drilling rigs into Mobile Offshore Production Units and the associated field flowlines and pipelines. Each of the Inda and Idama facilities had a design capacity of 15,000 BOPD. The facilities were installed and hooked up in a swamp and an offshore location in Nigeria. The project had a value of US\$128 million.

**Chevron Overseas Petroleum Incorporated – Nigerian Business Unit**

*Houston, Texas/ (September 1991 through January 1993)*

As Senior Project Engineer for the Opuekeba Field Development Project, Mr. Pellegrino was responsible for the management of engineering, cost and schedule estimates, and contract development for the fabrication and installation scopes of the project. He conducted the project business case justification, cost and schedule estimates and supported the development of the AFE package. Mr. Pellegrino managed the owner's and engineering contractor's lead discipline engineers. His engineering deliverable responsibilities included all the necessary engineering and procurement activities to design, fabricate, and safely operate the facilities. The Opuekeba Field Development includes a 30,000 BOPD design capacity swamp production facility and the associated flowlines and pipelines. The project had a value of US\$140 million.





**Chevron Overseas Petroleum Incorporated – Nigerian Business Unit**

*San Ramon, California /Lagos, Escravos and Offshore Nigeria (February 1991 through September 1991)*

Mr. Pellegrino was Senior Project Engineer. In this role, he provided engineering, cost, and schedule estimates, developed AFE packages, project management, contract development, procurement, QA/QC, fabrication, and construction support for offshore and onshore production facilities projects. Mr. Pellegrino's representative projects included offshore living quarter buildings, turbine generator power control modules, firewater pump packages, flare knockout packages, standard offshore structures (caissons), water treating facilities, and pipelines projects.

**Chevron Research and Technology Company**

*San Ramon, California (June 1990 through February 1991)*

As Project Engineer, Mr. Pellegrino was responsible for engineering support and facility concept selection for various offshore upstream domestic and international projects. His responsibilities included performing preliminary facilities process designs to identify potential facility concept alternatives. From the facilities concept alternatives, Mr. Pellegrino developed risk profiles, selection criteria and cost and schedule estimates necessary to perform alternative analyses to determine the best facility concept for execution.

**Chevron USA**

*Midland, Texas (November 1989 through June 1990)*

As Lead Engineer, Mr. Pellegrino performed detailed engineering, de-bottlenecking analysis, cost and schedule estimates, alternative analysis, and facility selection on the McElroy Field to optimize water injection leading to greater oil recovery. At the time, the McElroy Field was the owner's largest water injection project. Mr. Pellegrino's responsibility was to revamp the current water injection distribution system to provide the ability to inject more water without interruption to operations. He performed detailed engineering system flow modeling, which successfully identified the de-bottlenecking potential design alternatives. From these alternatives, Mr. Pellegrino prioritized the selection criteria, developed risk profiles, developed cost and schedule estimates, and performed the alternative analysis that identified the best design alternative. Mr. Pellegrino also developed the AFE package to execute the preferred alternative.

**Chevron USA – North Ward Estes CO<sub>2</sub> Project**

*Midland, Texas (January 1988 through November 1989)*

Mr. Pellegrino was the Lead Civil/Mechanical Engineer responsible for the design, procurement, contract development/administration, project management, QA/QC, fabrication, construction, installation, hook-up and commissioning of the off-plot facilities. These off-plot facilities consisted of six satellite oil and gas processing and metering facilities and the central oil and gas processing, metering and storage facility. Mr. Pellegrino was also responsible for management of the civil, structural, and mechanical engineering and construction aspects of the 30 MMSCFD H<sub>2</sub>S removal, CO<sub>2</sub> dehydration, and compression plant. His responsibilities also included management of the design contractor's engineering, procurement, QA/QC, fabrication, and construction personnel assigned to his scope. Mr. Pellegrino's plant scope of delivery management responsibilities included site preparation, concrete/foundation work, buildings, utilities, and the various mechanical rotating equipment, tanks, pressure vessels, and equipment packages. He supported the claim defense on the project. The project value was in excess of US\$150 million.



**Chevron USA**

*Midland, Texas (August 1987 through January 1988)*

As Lead Facilities Engineer, Mr. Pellegrino oversaw engineering design, procurement, contract development/administration, project management, fabrication, construction, installation, and hook-up and commissioning of oil and gas production facilities. Mr. Pellegrino's responsibilities included the supervision of the owner's discipline engineers and the development of project AFEs. Mr. Pellegrino's representative projects included various oil and gas processing, metering and storage facilities, and oil, water and gas gathering and distribution pipeline facilities.

**Gulf Oil/Chevron USA**

*Hobbs, New Mexico (February 1984 through August 1987)*

Mr. Pellegrino served as a Facilities Engineer. In this role, he was responsible for the engineering design, procurement, cost and schedule development, contract development/administration, project management, permitting, fabrication, construction, installation and hook-up and commissioning of oil and gas production facilities. Mr. Pellegrino's various projects included oil and gas processing, metering and storage facilities, water treatment, filtration and injection facilities, gas compression facilities, and oil, gas and water injection pipeline gathering and distribution systems. His responsibilities included performing the initial facility designs, the development of the cost and schedule estimates, and completion of the economic justifications, and the development of the AFE package. Once the projects received sanction, Mr. Pellegrino was responsible for the required functions necessary to successfully execute the projects. Mr. Pellegrino's significant project was the Eunice Monument Waterflood Project. He provided engineering, project management, and site supervision for the design, contracting, fabrication, construction, installation, and hook-up and commissioning of 12 satellite oil and gas processing and metering facilities, a central oil and gas processing, metering and storage facility, a water treatment and injection facility, a field wide Supervisory Control and Data Acquisition System and the pipelines, flowlines, and water injection distribution system. The project value exceeded more than US\$100 million.

**Gulf Oil**

*Bakersfield, California (May 1981 through February 1984)*

As Production Engineer, Mr. Pellegrino supported various engineering and project management activities in the production and operation for enhanced oil and gas recovery. Mr. Pellegrino's responsibilities included supporting various petroleum engineering, reservoir engineering, and facilities engineering functions. His facilities engineering support responsibilities included the engineering design, procurement, cost and schedule development, contract development/administration, project management, permitting, construction, installation, and hook-up and commissioning of oil and gas production facilities. Mr. Pellegrino performed the process, mechanical, and civil engineering functions for projects. His various projects included steam generation plants, production processing, metering and oil storage tank facilities, pipelines, flowlines and steam distribution systems, water treatment, filtration and injection systems, H<sub>2</sub>S and SO<sub>2</sub> removal systems, and tank battery vapor recovery systems projects. Mr. Pellegrino provided site supervision for fabrication, safety construction scope, QA/QC, and cost and schedule performance.

**PUBLICATIONS AND SPEAKING ENGAGEMENTS**

"Introduction to CII's Advanced Work Packaging – An Industry Best Practice," *Long International, Inc.*, February 2017.



**EXPERT REPORT SUPPORT EXPERIENCE**

- 2020 Provided expert services in the technical evaluation of the total reimbursable costs to be compared against the budgeted reimbursement costs related to the execution of site construction works on a LNG project in Australia. Mr. Pellegrino's analyses comprised components of an expert report submitted in early 2020.
  
- 2017 Provided expert services in the evaluation of a gross negligence defense claim against the majority owner related to project cost growth. Served as one of the technical analysts involved in the project execution and project management of an oil and gas processing facility in Louisiana, USA. Mr. Pellegrino's analyses comprised components that allowed the case to be settled in late 2017.
  
- 2017 Provided expert services in the evaluation of a gross negligence claim regarding a contractor's ability to perform engineering, procurement, and project management. Mr. Pellegrino was one of the technical analysts on a major Hydro De-Aromatization Unit in Texas, USA. His analyses comprised components of an expert report submitted in late 2017.