LONG INTERNATIONAL

SEAN P. PELLEGRINO, P.E.

Mr. Pellegrino is a Principal with Long International and has more than 44 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 project experience in the oil and gas industry includes the full project life cycle responsibilities. Mr. Pellegrino has supported, managed, consulted, and acted as an expert witness for some of the oil and gas industry's largest, most complex projects. His responsibilities and experiences include conceptual business case assessment, cost estimating, planning, contract development and award, execution, administration, claims avoidance/assessment, and project commissioning startup and closeout of projects. 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 multimillion-dollar domestic projects to multibillion-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 work experience includes both domestic and 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, various platforms (drilling, processing, compression, water injection, living quarters, and Mobile Offshore Producing Units), and pipelines. Mr. Pellegrino consulted extensively on two Western Australian LNG mega-projects, providing project management expertise, driving the establishment of labor productivity programs, and participating as a Subject Matter Expert in the various project execution and risk 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/qualification/quantitative, project controls, constructability, project planning and execution, productivity, workface planning/advance work packaging, and commissioning and startup for the owner's multibillion-dollar portfolio of capital projects. From his direct involvement in 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 an owner's productivity program, constructability programs, construction management assurance program, and construction management handbook, established 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 was responsible for the original initiation, development, implementation, and sustainability of the Advanced Work Packaging (AWP) program within an owner's organization which included major and mega capital projects. Mr. Pellegrino worked with some of the world's largest EPC contractors to amend their processes for the adoption of AWP for utilization on his owner projects.

Mr. Pellegrino co-chaired the Construction Industry Institute (CII) initiative for the development and implementation of Advanced Work Packaging for construction. Through this work and the construction industry's adoption, Advanced Work Packaging is now a recognized best practice in the construction industry. In November 2023, Marquis Who's Who, Who's Who in America, recognized him for significant impacts on the fields of engineering and project management.

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

Expert Lecturer/Instructor, through AWP University, for all aspects related to implementing Advanced Work Packaging, 2023–Present.

Construction Industry Institute (CII) Joint Working Group for "Next Gen Project Delivery," "AWP + Lean," 2021–Present.

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

Construction Industry Institute (CII) 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 CII, Master's Degree of Construction Management Curriculum, "Project Alignment," 2010–2011.

Construction Industry Institute (CII) 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;
- Subject Matter Expert in the identification, quantification, and mitigation of project execution risks;
- Development and assessment of contracting strategies;
- Development and assessment of bidders, bid lists, bid evaluation and bid award procedures;
- Development and assessment of contract terms and conditions, exhibits, and specifications;
- Development, implementation, and assessment of construction readiness and project performance reviews;
- Development and execution of constructability reviews;
- Development and employment of productivity programs, incorporating AWP plans, procedures, and execution and risk assurances;
- 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, productivity, and schedule;
- Root cause analysis on actual cost and schedule performance against project agreements; and
- 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 & instrumentation diagrams, facilities layouts, and preparation of facilities, equipment, and instrument specifications.
- Risk assessment and mitigation expertise
    - Participated in over 50 Quantitative and Qualitative Risk Assessments (QRAs) as a Subject Matter Expert in project and construction management and design, focusing on identifying, quantifying, and addressing contractual, safety, cost, schedule, and productivity risks.
    - Provided actionable mitigation strategies for identified risks to enhance project efficiency and minimize potential impacts on safety, schedules, and budgets.
    - Specialized in assessing risks for major capital projects spanning conceptual design to handover to operations in the oil and gas sector, including upstream, downstream, domestic, international, offshore, and FPSO projects.
    - Contributed to the development of a comprehensive risk assessment program for construction management, emphasizing risk allocation, liability sharing, and productivity optimization to ensure project performance excellence.

PROFESSIONAL EXPERIENCE

Long International, Inc.
Houston, Texas (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, schedule and cost assessments, risk assessments, project planning and execution, and project management.

Mr. Pellegrino is providing expert services in technical evaluation and observations regarding the lack of implementing project management best practices with the analysis of disruption costs and disruption events on a new built manufacturing plant giga-project in the United States. His analyses have comprised components of a preliminary expert report submitted in late 2024.

Starting in mid-2017, Mr. Pellegrino 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 an LNG project in Australia. His analyses comprised components of an expert report submitted in mid-2020 and the rebuttal report to the opposing expert witnesses' expert report submitted in late 2021.

Mr. Pellegrino provided expert services in technical evaluation of the project management practices and adequacy of the applicable construction and fabrication processes and procedures for both the site construction and module fabrication on an LNG project in Australia. His analyses comprised components of an expert report submitted in mid-2021.

Mr. Pellegrino 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 an LNG project in Australia. His analyses comprised components of an expert report submitted in early 2020.

Mr. Pellegrino provided expert services in the evaluation of a gross negligence defense claim against the majority owner related to project cost growth. He was one of the technical analysts regarding the project execution and project management of an oil and gas processing facility in Louisiana. His analyses comprised components that allowed the case to be settled in late 2017.

Mr. Pellegrino provided expert services in the evaluation of a gross negligence claim regarding a contractor's ability to perform engineering, procurement, and project management. He was one of the technical analysts on a major Hydro De-Aromatization Unit in Texas.

Chevron Corporation – TengizChevroil – Future Growth Project
Aktau, Kazakhstan (January 2015 through June 2016)

Mr. Pellegrino served as the Kazakhstan Fabrication Delivery Manager and was responsible for all fabrication and development and execution delivery aspects including safety, regulatory, engineering, constructability, quality, cost and schedule development, contract administration, project controls, local content, labor relations, assurance, risk and interface, productivity, and cost and schedule functions of Pre-Assembled Racks (PARs) for the Future Growth Project. He also managed various complexities, including the challenging logistics and 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 was a +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 saving approximately US$60 million. He championed fabrication-driven engineering sequencing, ensuring a more productive and predictable execution. Mr. Pellegrino identified resourcing schedule opportunities with the contractor, leading to better 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, identifying activities for an efficient commencement of fabrication and better assurance of sustainable execution.

Chevron Corporation – Project Resources Company – Project Execution Consulting
Houston, Texas (January 2012 through December 2014)

As Lead for the Construction Management Center of Expertise (COE), Mr. Pellegrino built construction management organizational capability for Chevron's worldwide multibillion-dollar capital project portfolio. Mr. Pellegrino improved construction management organizational capability by standardizing applications 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 multibillion-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 consulting support, including the upstream and downstream portions ranging from 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, labor productivity risk analyses, and assisting in establishing and consulting on 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 and participating 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' engineering and project management offices worldwide. He was the home office's 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 the 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.

Specific accomplishments include the development and implementation of the enterprise adoption of the construction readiness capital projects review process. The construction readiness review process incorporated the 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 workface planning/AWP process adoption for capital projects. Adoption of this program resulted in better cost, safety, schedule, quality, 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 responsible for the development and employment of a complete suite of construction management and productivity tools, processes, procedures, and engagements for Chevron's multibillion-dollar capital project portfolio. Included in the scope of deliverables were the development of a construction management handbook, the establishment of a construction management network and SharePoint site, and 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 (COE) for more predictable performance and the continuous improvement of the capital project portfolio pertaining to construction safety, quality, cost, and schedule and productivity performance.

Specific accomplishments include championing the initial implementation of a productivity program on an onshore gas to liquids project that resulted in a 23 percent improvement in productivity, resulting in 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; and 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,

hookup, and commissioning of the offshore Angola deep-water Tombua Landana Platform. Mr. Pellegrino was involved for the full project life cycle from the conceptual business case to the handover to operations. He supported the 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 hookup 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, and project controls development and administration. Mr. Pellegrino managed the owner's project team, the various fabricators' project teams, and the contractors' hookup and commissioning project teams. He worked closely with the owner's operational organization and the joint venture governmental partners to establish clear communications and alignment while building trusting relationships.

Specific accomplishments include 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 between 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 the 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; and 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, hookup and commissioning, and turnover to operational activities for the project. Mr. Pellegrino was involved in the full life cycle of this project from business case justification to handover 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.

Specific accomplishments 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 +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/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 Final Investment Decision (FID) package, the development of overall project cost and schedule estimate 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. Mr. Pellegrino delivered his scope successfully against the project's cost and schedule expectations. Valued at + 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 an LPG FPSO, a 180-bed living quarters platform, a 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 life cycle of the project, 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 Parable 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, Parable 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 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 the development of the AFE package, development of the project's cost and schedule estimate, and overall project 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 was located offshore Nigeria and included flowlines, pipelines, and a production processing platform. The Oloye Platform had 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 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 hookup, and the commissioning aspects of the projects. Mr. Pellegrino was involved in the full life cycle of the project. He supported the development of the AFE package by developing 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. Mr. Pellegrino 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 (MODUs) 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 and 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 held the role of 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), and 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 to identify the best design alternative. Mr. Pellegrino also developed the AFE package to execute the preferred alternative.

Chevron USA – North Ward Estes CO_2 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, hookup, 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_2S removal, CO_2 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 hookup 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 AFEs for projects. 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 was 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 hookup 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, 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 hookup 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 (SCADA) System, and the pipelines, flowlines, and water injection distribution system. The project value was +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, operations, and enhanced recovery of oil and gas. 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 hookup 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_2S

and SO_2 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

Expert Lecturer through AWP University, nine lectures to date related to the implementation of Advanced Work Packaging, 2023–Present.

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

EXPERT REPORT SUPPORT EXPERIENCE

2024 Provided expert services in the technical evaluation and observations regarding the lack of implementing project management best practices with the analysis of disruption costs and disruption events on a new built manufacturing plant giga-project in the United States. His analyses comprised components of a preliminary expert report submitted in late 2024.

2021 Provided expert services in the technical evaluation of the project management practices and adequacy of the applicable construction and fabrication processes and procedures for both the site construction and module fabrication on an LNG project in Australia. His analyses comprised components of an expert report submitted in mid-2021.

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 an 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. 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. His analyses comprised components of an expert report submitted in late 2017.