

EDUCATION and REGISTRATION

Bachelor of Science in Civil Engineering, University of Houston
Managing Projects Graduate Program, University of Manchester (UK)
Registered Professional Engineer, Texas, No. 63565

DETAILED EMPLOYMENT HISTORY

SUMMIT CARBON SOLUTIONS 2021 TO CURRENT

Director, Engineering and Technical Services – I am responsible to ensure that all technical deliverables for the CO2 capture facilities, pipeline & pump stations and sequestration facilities are completed on schedule and meet all quality and performance requirements per the Design Basis and engineering design & specifications.

CONOCOPHILLIPS – 2013 TO 2021

Director, Pipeline Engineering Lower 48 – I am presently managing a team of engineers who are engaged in supporting pipeline assets in Texas, New Mexico, and Wyoming. My team provides engineering services to these operating areas for facility optimization, integrity management, capital projects and equipment maintenance support.

Engineering Manager, Niobrara Gathering & Infrastructure Project – I was responsible for managing the owners engineering team and directing the engineering contractor through FEL 1 and FEL 2 of the project development. In this position, I was accountable for the timely completion of engineering deliverables for the gas gathering and infrastructure scope of work. Key challenges addressed during these design phases included disposition of early gas, availability of commercial power, facility siting and equipment selection to reduce air emissions impact.

BP PIPELINES NORTH AMERICA – 2001 TO 2012

Project General Manager (Major Projects) - I supervised a group of Project Managers and was responsible for the execution and delivery of a portfolio of pipeline projects supporting the BP Whiting Refinery Modernization Project. The project portfolio was focused on increasing system capacity and reliability for crude oil transported into and refined products transported out of the facility. Key performance metrics for these projects include achieving “best in class” IPA benchmarking at project sanction, delivering the project portfolio cost and schedule within agreed boundaries and incident free HSE performance.

Engineering Team Leader – I was assigned as the Engineering Team Leader supervising a group of District Engineers supporting the natural gas, oil, NGL, petrochemical and refined products pipeline assets in the US Gulf Coast region. Projects executed by my team focused on capital improvements, integrity management and facility maintenance.

Mardi Gras Offshore Pipeline Business Development Support Engineer – In this position I performed developmental engineering for new deep water third party tie back opportunities to BP’s offshore oil and gas transportation systems.

Lawrence L. Meredith

Detailed Professional Experience

MARATHON OIL COMPANY - 1997 TO 2001

Senior Project Engineer, Sakhalin II JV Project – I supervised a combined team of technical and commercial professionals assigned to plan and execute an international engineering tender for the Full Field Development of the Sakhalin II JV Project located in the Russian Far East. The Full Field facilities included offshore oil & gas production, onshore gas processing and export pipelines. Prior to the tender, I was assigned as part of the development team responsible for directing the engineering contractor during the conceptual and preliminary engineering for 1,600 kilometers of oil and gas export pipelines and facilities located on Sakhalin Island and the Sea of Okhotsk. During this project I also served as a liaison to the Sakhalin I Project (Exxon) for the purpose of identifying and implementing infrastructure sharing opportunities. Marathon sold their full interest in this asset to Shell in 2001.

BROWN & ROOT, INC. (NOW KBR) - 1991 TO 1997

Azerbaijan International Operating Company (AIOC) – Chirag 1 Early Oil Project

Senior Project Engineer – I lead the engineering design team for a 225-kilometer offshore oil and gas pipeline project in the Caspian Sea. This work included performing the hydraulic studies, pipeline routing, detailed design, on-bottom stability, and construction drawing development. My team evaluated the condition of existing offshore pipelines for possible project utilization and I assisted in the preparation of tender documents for lay barge refurbishment, pipe lay and line pipe coating.

Oman Oil Company - Caspian Pipeline Consortium

Project Engineer – I worked as the owner's engineer on the evaluation of an EPC Lump Sum Turnkey Bid submitted by others (Bechtel) for a 1,500-kilometer crude oil pipeline system from Tengiz, Kazakhstan to a Russian Black Sea terminal loading facility.

Technical Due Diligence – Various Financial Transactions

Consultant - I served as the lead technical consultant to banks and financiers of major new pipeline system projects. My responsibilities included review of project costs, schedules and construction execution plans to identify significant risks. Work also included analysis to confirm ASME/DOT code compliance and hydraulic design along with monitoring actual project costs, construction progress, and verification of mechanical completion. I developed the technical reports utilized by the banks in their loan syndication packages. The most significant projects I consulted on during this period included:

ASAMERA Corridor Block Gas Project - Drilling/completion program, gathering pipelines (125 km of 6" - 10") and treating facilities, pipelines (540 km of 28") and central gas processing plant located in Indonesia

Pacific Gas Transmission - 430-mile 42" pipeline expansion project located in the U.S. Pacific Northwest

Lakehead Pipe Line Company (now Enbridge) - system enhancements for 1750 mile interstate crude oil pipeline and storage system in the U.S. Great Lakes region

Kern River Gas Transmission & Mojave Common Pipeline - 900 mile 36"/42" interstate natural gas pipeline project from Southwestern Wyoming to Kern County, California

Lawrence L. Meredith

Detailed Professional Experience

TRANSCONTINENTAL GAS PIPE LINE CORP. (NOW WILLIAMS) - 1979 TO 1991

Senior Engineer – I performed civil/structural engineering for onshore and offshore pipeline and compressor station projects. This work included offshore deck extensions, riser guards and supports, deck piping supports and equipment foundations. I also managed the development of Soil Erosion and Sedimentation Control Plans for all permit required projects covering multiple states.

Gas Measurement Engineer – I was responsible for the operation and maintenance of onshore and offshore natural gas purchase meter stations in Louisiana, Mississippi and the Gulf of Mexico.