

# *William (Bill) King, P. Eng.*

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## **SUMMARY OF QUALIFICATIONS**

An extensive background working in operating gas process facilities, designing gas process and pipeline facilities and effective leadership of project teams engaged in executing oil and gas projects in Canada and abroad. Key competencies developed through hands on experience include:

- thorough understanding of facility operability and safety considerations,
- development of contracting strategies for a wide range of project types
- negotiating skills relative to a variety of contract strategies,
- management of contractors in alliance, reimbursable and lump sum relationships,
- perseverance to achieve success regardless of project complications.
- leadership of multi-disciplined and multicultural teams to achieve project goals,
- well developed interpersonal skills to support interaction with supervisors, peers, and subordinates
- project and organizational planning expertise
- thorough understanding of “stage gate” project delivery concepts and all aspects of project management
- development and facilitation of project execution workshops

## **EXPERIENCE**

### ***President, BK Project Consulting Ltd. – June 2021 - Present***

Retired from Project Management career. APEGA Lifetime Member currently serving as an APEGA councilor sitting on the Audit and Strategy & Risk committees.

### ***President, BK Project Consulting Ltd. – January 2015 – June 2021***

Project Manager for the InterPipeline Propane Dehydration (PDH) project. Leading the owner project team through the engineering, procurement, and construction stages of the project. Actively interfacing with engineering contractor, key equipment suppliers and construction contractor management teams.

### ***President, BK Project Consulting Ltd. – November 2009 – December 2015***

Providing consulting services to Canadian and International clients in the Oil & Gas Industry focused on improving project management capabilities. Activities include cold eyes and assurance reviews, preparation of guidelines and standards, facilitation of peer assist workshops to support project scoping, project planning, organizational planning, contracting strategy development etc.

### ***Vice President, Development, OPTI Canada January – April, 2009***

Provided direction to transition OPTI Canada to a non-operating joint venture partner and initiated preliminary evaluations of growth opportunities. With limited development opportunities due to extreme capital constraints, the Vice President, Development position was eliminated by OPTI on April 15, 2009.

### ***Vice President, Major Projects, OPTI Canada August – December, 2008***

Provided management direction for the planning and ongoing execution of the Phase 2 project and supported OPTI’s funding initiatives leading to completion of a Purchase and Sale Agreement with Nexen. Contributions included:

- transitioning the Phase 2 Project Team through the change in ownership

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- providing perspective on various alternatives to raise capital and associated agreement support relative to the operating agreements with Nexen and the OrCrude License Agreement

### ***Director, Phase 2 Upgrader***, OPTI Canada 2007 – 2008

Directed the Phase 2 project team through a significant process re-design of the Phase 2/3 upgrader projects to incorporate CO2 capture capability during Phase 3 achieving:

- finalization and approval of the overall facility design including licensor negotiations and engineering development
- definition and approval of the key Phase 2 execution strategies

### ***Manager, Phase 2 FEED***, OPTI Canada 2006 – 2007

Negotiated the Phase 2 FEED contract with Fluor and managed the execution of the front end engineering program with a growing team of OPTI staff as they became available from Phase 1 construction.

Accomplishments included:

- development of various organizational strategies for OPTI's future Phase project execution
- progressed the development of the Phase 2 engineering despite ongoing changes in personnel availability from the Phase 1 project and associated budget and schedule changes

### ***Area Project Manager, OrCrude***, OPTI Canada, 2004-2006

Led the team responsible for engineering, procurement and construction of the OrCrude process unit through completion of engineering and civil construction. Achievements included:

- providing effective transition of leadership and closer integration of the OrCrude team into the overall Upgrader team
- executing the engineering, procurement and civil construction work to position the OrCrude Unit for successful completion

### ***Manager – Singapore Pipeline Construction Project***, ConocoPhillips, Jakarta, Indonesia 2002 – 2003

Led a team made up of Malaysian engineering personnel and Indonesian inspection personnel to ensure the Indonesian national pipeline company, PGN, constructed the South Sumatra to Singapore 28" pipeline to meet Project Specifications, Industry Codes and Government Regulations. Achievements included:

- establishing a cooperative relationship with PGN personnel enabling indirect management of the project to ensure the quality of facilities, and
- providing ideas to alter the construction execution plan to achieve project completion 3 months ahead of expectations.

### ***Senior Manager – Gas Projects***, Gulf Indonesia, Jakarta, Indonesia 2000 – 2002

Management of all Gulf Indonesia onshore and offshore gas projects. Multiple projects were developed onshore in South Sumatra and offshore in the West Natuna Sea. Considerable interface with partners and Indonesian government officials was required to provide:

- completion of the Kakap offshore retrofit project ahead of schedule and under budget,
- effective representation of Gulf Indonesia's interests as a non operating partner in the West Natuna Pipeline project, and
- development plan approval and completion of the Suban 1 onshore development adding 300 MMSCFD sales capability to Gulf's South Sumatra operations.

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### ***Senior Manager – Onshore Gas Projects***, Gulf Indonesia, Jakarta Indonesia 1998 – 2000

Gulf Indonesia was actively expanding the pipeline gas production capabilities in South Sumatra. The key to maintaining a competitive production position was timely project development. Significant contributions were:

- early gas sales availability of 85 MMSCFD two months prior to full project completion as a result of an innovative gas processing scheme utilizing the plant membrane unit, and
- completing the full Corridor Block Gas Project on schedule and within budget, despite extensive forest fires and smoke in South Sumatra and the overthrow of the Soeharto government requiring the immediate evacuation of all expatriate personnel.

### ***Engineering Manager – Corridor Block Gas Project***, Asamera Oil, Jakarta Indonesia, 1994 – 1998

The Corridor Block Gas Project involved the development of a 310 MMSCFD grass roots process facility, three field gas gathering stations and interconnecting pipelines in South Sumatra. The project was Asamera Oil's first gas development and was implemented under a negotiated EPC lump sum contract with a Japanese contractor. The Engineering Manager role required:

- leadership and mentoring of a multi-disciplined project team consisting of expatriate and Indonesian national staff rotating into Japan to finalize the project design basis,
- negotiation and of the lump sum price and a lead role in the negotiation of the EPC lump sum contract terms accepted by Asamera management and the Government of Indonesia, and
- direction of engineering and quality control personnel to support the on schedule and under budget completion of the facilities

### ***Coordinator – Technical Services/Projects***, Gulf Canada Resources, Calgary AB, 1989 – 1994

The Gulf Canada Project Group was responsible for the development of multiple \$1 million to \$40 million projects during this timeframe as well as the engineering design for the Komi-Arctic enhanced recovery project in North Russia. Key accomplishments:

- negotiation and management of innovative engineering, fabrication and compressor supply alliances to reduce typical project execution time, and
- completion of 3D design engineering and equipment procurement for the Komi-Arctic Oil project to support a tight winter construction window.

### ***Plant Engineering Supervisor***, Gulf Canada Resources, Pincher Creek and Edson, AB, 1978 – 1988

The role of the Plant Engineering staff was to execute plant modification projects, optimize plant performance and support plant operations. Achievements as Plant Engineer were to:

- design and installation of facilities required to efficiently shut down the Pincher Creek Gas Plant
- organize turnover of the Hanlan Robb Gas Plant facilities from construction to operations followed by expedient plant commissioning and start-up

### ***Process Engineer***, Gulf Canada, Edmonton Refinery, 1975 – 1978

The Process Engineer position at the Edmonton Refinery provided the opportunity to participate in the start-up of a condensate merox treating plant and a Claus sulphur plant as well as a general understanding of utility, gas treating, fluidized coker and gas blending operations.

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## **EDUCATION**

**B. Sc. Chemical Engineering**

University of Alberta

## **PROFESSIONAL DEVELOPMENT**

- Linear Programming Basics
- APEGA Yellowhead Branch Executive Committee
- NACE Basic Corrosion Course
- Bob Short & Associates Compressor Engineering School
- Fisher Provox Instrumentation Configuration
- Accident Control for Supervisors
- Gulf Management I Training
- Gulf Management II Training
- Mount Royal Total Quality Management
- Practical Project Management
- DuPont Process Hazards Reviews
- Canadian Gas Processor program director for quarterly technical meetings (2 years)
- Conducted ½ day course on Resource Development for the University of Indonesia Engineering Faculty
- Technical presentations to the Indonesian Petroleum Association, Society of Petroleum Engineers and the Indonesian Pipeline Manufacturer Association
- Facilitation Skills – University of Calgary

## **PROFESSIONAL ASSOCIATIONS**

- Association of Professional Engineers and Geoscientists of Alberta, Life Member
- Canadian Gas Processors Board of Directors 1990 – 1994