

Resume of Wayne J. Falcon, PE
112 Plainview Dr.
Lafayette, LA 70508
337 654-1620 (Cell)

EDUCATION:

1978 B.S. Mechanical Engineering, University of Southwestern Louisiana

PROFESSIONAL DATA:

Registered Professional Engineer – Louisiana / Mechanical (July 1982)

Registered Professional Engineering Firm – Louisiana (July 2009) Falcon Consulting, LLC

SUMMARY:

Over **Forty Two (42)** years of experience in project management, engineering management, engineering design, cost estimates, procurement, construction, inspection and installation of offshore oil and gas production platforms & pipelines, onshore oil and gas production facilities and petrochemical plants.

EXPERIENCE:

Falcon Consulting, LLC (June 2009 – Present)

- HAZOP Facilitator for Offshore oil & gas facilities, Mid-Stream compressor stations and gathering/processing facilities.
- Performed API RP 14C audits and facilitated HAZOPs for offshore oil & gas facilities to meet BESE regulations.
- Design of Water Treating Unit for fast response spill vessel.
- Purchased production equipment for 38 leases in Eagle Ford Shale play.
- Vent/Flare Studies for onshore & offshore facilities.
- Project Manager: Project management, engineering design, equipment and instrument specifications, procurement and construction of offshore oil and gas production platforms and pipelines and onshore and inland water tank batteries and production facilities.
- Allocation & Measurement Audit in conjunction with process study to evaluate measurement discrepancy between two operators.
- Platform Decommissioning survey and report.
- Work on Contract Basis for Consulting Engineering Firms performing engineering design and project management for projects with budgets to \$60,000,000.

Petra Consultants, INC. (May 2004 – June 2009)

- Project Manager: Project management, engineering design, equipment and instrument specifications, procurement and construction of onshore and offshore oil and gas production platforms and pipelines.
- *Accomplishments:*
 - Designed, constructed and installed eight (8) oil and gas facilities in 5 years.*
 - Created excel spreadsheets for equipment and instrumentation sizing and specification.*
 - Mentored junior engineering and drafting personnel.*
 - Developed project specific procedures and guidelines to enhance team efficiency.*

Mustang Engineering L.P. (April 2001 – May 2004)

- Sr. Technical Consultant: Interface Project Engineer responsible for interfacing with contractors and vendors to coordinate concurrent engineering and construction activities.
- Process Systems Project Engineer: Responsible for the design of an offshore oil & gas processing plant on a floating structure. Supervision of a team of thirty-five engineers and designers.
- Engineering Manager: Responsible for managing a 180-person engineering and design team.

- *Accomplishments:*
Advanced several engineering studies that were behind schedule.
Mentored engineering and drafting design personnel. Developed project specific procedures and guidelines to enhance team efficiency and repeatability.

EDG, Inc. (Jan. 1997 – April 2001)

- Manager-Facilities Engineering / Sr. Project Engineer: Responsible for managing an engineering and drafting staff of 18 personnel; project management, engineering design, equipment and instrument specifications, procurement and construction of oil and gas production platforms and pipelines.
- *Accomplishments:*
Mentored engineering and drafting design personnel.
Created excel spreadsheets for equipment and instrumentation sizing and specification.
Developed project specific procedures and guidelines to enhance efficiency and repeatability.
Started lunch & learn sessions for professional development.

France Enterprises, Inc. (June 1993 – Dec. 1997)

- Sr. Staff Engineer: Responsible for project management, engineering design, equipment and instrument specifications, procurement and construction of oil and gas production platforms and pipelines.
- *Accomplishments:*
Created excel spreadsheets for equipment and instrumentation sizing and specification.

Engineering Corporation of Louisiana (June 1990 – May 1993)

- Senior Design Engineer: Supervised the engineering design, construction and installation of oil and gas production platforms. Performed engineering study to analyze whether 35 offshore production platforms complied with revised MMS regulations for vent systems. Designed modifications to vent systems for these facilities. Project Engineer for offshore field consolidation project.
- *Accomplishments:*
Created excel spreadsheets for equipment and instrumentation sizing and specification.

Jacobs Engineering Group, Inc. (April 1988 – May 1990)

- Project Engineer: Contracted to CIBA-GEIGY, responsible for modifications, upgrading or installation of process equipment, production equipment, material handling equipment, instrumentation, structures and loading and unloading facilities. Responsible for all phases of projects from conception to completion.
- *Accomplishments:*
Successfully executed several high profile and fast paced projects.

McDermott (Oct. 1987 – Mar. 1988)

- Design Engineer: Responsible for sizing and specification of instrumentation, valves, pumps and production equipment for an offshore sour gas production platform. Contract employment for six months.

Brown and Root (April 1986 – Sept. 1987)

- Field Piping Engineer: Responsible for interfacing with design engineers and client to resolve various field piping problems for Sohio's Endicot Project. This involved: identifying the problems, proposing solutions, seeking client and design engineers' approval and implementing proper course of action. Sohio's Endicot Project consisted of construction of 100,000 BPD oil production and life support system modules. These 27 modules, weighing up to 4,000 tons each, supplied complete utilities, power, production and process systems.

Total construction exceeded 2 million man-hours. The modules were sea lifted from Louisiana to Alaska's North Slope. 18 month construction project.

- ***Accomplishments:***

Project budgeted for 3 field piping engineers. Completed project with just 2.

DBO, Inc. (Mar. 1985 – Mar. 1986)

- Senior Mechanical Engineer: Responsible for: engineering design, equipment and instrument specifications, procurement and construction of oil and gas production platforms. Contract employment for 12 months.

Engineering and Technical Services (Feb. 1984 – Feb. 1985)

- Design/Project Engineer: Responsible for technical specifications and designs of: facilities for production, transportation and processing of petroleum fluids; gas compressor skid packages, firewater systems, oil and gas production equipment. Prepared safe charts, process/mechanical flow diagrams and engineering estimates. Contract employment for 12 months.

Furlow, Inc. (Aug. 1982 – Feb. 1984)

- Design/Project Engineer: Responsible for technical specification and design of: system components for the production, transportation and processing of petroleum fluids; air and gas compressor skid packages, firewater systems, design of pumps, flow lines, production equipment and instrumentation.

Superior Hydraulics (Oct. 1981 – Aug. 1982)

- Design/ Engineer: Responsible for the design of structures and machinery used by oil field service companies. Technical design was coordinated with hydraulic packages designed by hydraulic engineers. Projects: pipe tensioner, pipe trolley, pipe handling systems, winches and jacking systems for jack up drilling rigs.

Texaco (May 1980 – Oct. 1981)

- Production Engineer: Responsible for all phases of production maintenance in the Bayou Sale and Horseshoe Bayou fields. Prepared workovers, stimulation procedures, designed gas lift installations and prepared related AFEs. Attended schools for production, reservoir and drilling operations.

Halliburton (May 1978 – April 1980)

- Design Engineer: Responsible for technical design of manifold equipment, piping and check valves, developed a transducer protector and rotational signal-generating device to count shaft rotations. Served as an instructor in Halliburton Stimulation School concerning the care and maintenance of manifold equipment.