

Thomas E. (Tom) Nations

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EDUCATION

University of Louisiana at Lafayette
BS, Mathematics, 1969

Key Expertise

- Artificial Lift Engineering
 - i. Gas-Lift design, troubleshooting & training
 - ii. Jet Pump design, troubleshooting & training
- Well performance (NODAL Analysis)

46+ years of experience in Gas-Lift and NODAL Analysis.

WORK EXPERIENCE

Currently, consulting for several Oil & Gas Operators and conducting training courses for Gas-Lift and NODAL Analysis.

Team Leader and Principle Editor for the rewrite of API RP 11G6 (Continuous Flow Gas-Lift Design).

Principal gas-lift engineer, ConocoPhillips Global Wells Group, from July 2006 to January 2011, providing gas-lift design, troubleshooting, and training for business units worldwide.

Designed and installed both continuous and intermittent flow gas-lift installations in many different oil fields on land, inland waters, and offshore in Alaska, California, Louisiana, Texas, and Angola (West Africa). Experienced in engineering, design & manufacturing of gas-lift valves and side-pocket mandrels. Additional experience in general oil field operations; slickline, electric line and well servicing operations.

Career Brief:

01/13 to Present: Gas-Lift and Jet Pump design consultant for several Oil & Gas Operators. Conducting Gas-Lift design courses.

01/13 to 01/14: Team leader and principle editor for the update of API 19G6 (RP for Continuous Gas-Lift Design). Instructor for independent Gas-Lift courses.

03/2011 to 12/2012: Instructor for PetroSkills Gas-Lift Course (GLI).

01/2011: Retired from ConocoPhillips and started an independent consulting company specializing in Gas-Lift and NODAL Analysis, www.nationsconsultinginc.com

7/2006 to 01/2011: ConocoPhillips Upstream Technology, Houston. Corporate Gas-Lift Expert and Point Contact for Gas Well Dewatering technologies.

8/2000 to July 2006: ConocoPhillips Alaska, Inc., Kuparuk Artificial

Lift Coordinator. Responsible for 500+ gas-lifted wells, 30+ ESP wells, and 15+ Jet Pump wells.

5/1996 to 8/2000: Arco Alaska, Inc. Gas-Lift Specialist for Kuparuk Oil Field. Responsible for 500+ gas lifted wells.

4/1992 to 5/1996: Halliburton; Prudhoe Bay, Gas Lift Engineer, supporting ARCO and BP production operations by providing gas lift design and trouble-shooting service, gas-lift valve repair and tubing patch design and installation service.

6/1988 to 4/1992: Teledyne Merla; Cabinda, Angola, Gas-Lift Specialist, provided gas lift engineering services for Chevron's Cabinda oil field in Angola West Africa. Responsible for all gas-lift operations for a 200+ well gas-lift field consisting of both intermittent and continuous gas lift wells.

8/1984 to 6/1988: Teledyne Merla, Alaska Operations Manager: provided gas-lift design and trouble-shooting services, and managed sales and service organization supplying gas lift mandrels, valves, and surface choke equipment in support of ARCO and BP operations on the North Slope of Alaska.

4/1982 to 8/1984: Teledyne Merla, California Operations Manager: Provided gas-lift design and trouble shooting services, and managed engineering, sales, and service organization supplying gas lift equipment in the L.A. basin, offshore California, and the Bakersfield area.

1978-1982: Daniel Industries, Production Specialties Division: manager of engineering and manufacturing for gas-lift valves and side pocket mandrels.

1971 to 1978: Various service and engineering jobs in the gas-lift industry including gas-lift design and installation, gas-lift valve and side pocket mandrel manufacture, gas lift valve repair, slick line operations, electric line operations, and well completions. More detail provided on request.

INDUSTRY ASSOCIATION

SPE member, 44+ years
ASME International Gas-Lift Workshop; Member of the Organizing Committee; General Chair in 2006 & 2010.
Member of API 19G Task Group for Gas-Lift Operation and Equipment; Contributing Editor for API 19G6 Re-write (Gas-Lift Design)

OTHER SKILLS

Excellent communication and writing skills.
Proficient in EXCEL, WORD, and POWERPOINT.

INTERESTS

Golf, Woodworking

REFERENCES

Available on request