

Thomas E. (Tom) Nations

Mobile: 281-301-5210

email: tom@nationsconsultinginc.com

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)
- NODAL Analysis (well analysis & training)

50 years of Petroleum Engineering experience.

WORK EXPERIENCE

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

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, Angola (West Africa), California, Louisiana, Oklahoma, New Mexico, and Texas. 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 operation and design courses for gas-lift vendors as well as operating companies.

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,

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, 50 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

1968 Mustang Restoration project, Woodworking, Tennis, Golf

REFERENCES

Available on request