

Keith Blumert

| 918-914-1630 | blumert@cableone.net |

Expertise	Mr. Blumert is a rotating equipment expert. Mr. Blumert has extensive training and experience in the design of pumping equipment, gas compression and all components and materials used in the design and manufacture of rotating equipment, compressors, motors and engines. Mr. Blumert's experience in rotating equipment was applied in the development of statistical reliability programs.
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Education	Aviation and Mechanical Technology, LeTourneau University, Longview, TX	1973
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Professional Experience

Consultant, Vanderpool Pipeline Engineers Inc. and Dayton Unitex	2008 - Present
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- Engaged by Vanderpool Pipeline Engineers numerous times for preparation of pump and motor technical specifications, trouble-shooting pump maintenance and reliability topics and development of pump reliability programs for clients.
- Professional consulting services for Dayton Unitex, a chemical company manufacturing epoxies for overlays, anchoring gels and grouting of pipeline equipment; gas compressors, liquid pumps, gas turbines, crane rails, and wind turbines.

Director of Rotating Equipment Services, ConocoPhillips, Oklahoma	2000 - 2008
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- Primary responsibility for reliability of all rotating equipment across the entire United States pipeline system (24 pipelines) for ConocoPhillips.
- Budgeting for maintenance and capital expenditures US wide. Provided technical support to engineering groups, field operations and management along with technical training of engineers, field technicians.
- Extensive experience in equipment optimization (hydraulics), reliability and standardization.

Consulting Specialist, Subject Matter Expert (SME); Maintenance and Technology Center, Conoco Inc, Oklahoma	1994 - 2000
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- Provided technical support to Conoco's Supply and Transportation (Pipeline) Department, US wide and in Venezuela. Main support was to the system engineers, maintenance excellence leaders, lead technicians and field technicians on each pipeline.
- Primary responsibilities in the area of rotating equipment and pump hydraulics. Tasks included development of technical training schools for all pipeline personnel, writing all technical standards in regard to pumps and motors, setting up a pump reliability program, leading the pursuit of continuous improvement, hydraulic optimization, and establishing a statistical based reliability system.
- Provided financial counsel for annual budgets and large AFE expenditures for each pipeline system. Support on existing equipment included routine maintenance, overhauls and hydraulic rerates. Additionally, all new equipment purchases along with field installation procedures and on site supervision were supported.
- Company "guru" on pumping and rotating equipment.

Maintenance Management Consultant; Engineering Services, Conoco Inc, Oklahoma	1989 - 1994
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- Provided technical support for 26 sites using the PC based maintenance system, development and presentation of equipment training classes for 2 refineries, 10 gas plants, 4 offshore sites and 8 DuPont plants.
- Sold and utilized PC based maintenance management system developed by Conoco for their Alaska, North Slope operations. Marketed the use of this PC based system to all areas of Conoco, Upstream and Downstream, including DuPont plants that were interested.
- Provided counsel on how to best configure the PC based maintenance management system so that each plant could maximize the systems use.

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- Senior Maintenance Foreman and Preventative Maintenance Coordinator, Conoco Inc, Alaska (North Slope)** 1985 - 1989
- Provided technical expertise for all rotating equipment, in particular our 2–25 mega-watt dual fuel gas turbine generators and maximized the use of our new PC based preventive maintenance (PM) system.
 - Supervised 4 company mechanics and all equipment contractors. Maintained the PM program for all 50 company employees and supervisors.
 - Set-up a Preventive Maintenance program for new field operations and provided technical training to the maintenance staff in order to carry out the PM program.
 - Managed the scheduling of all preventive maintenance procedures and established and oversaw the budgetary aspect of the PM program. Provided any engineering needed for equipment design changes and or upgrades.
- Senior Maintenance Foreman and Engineering Inspector, Conoco Inc, Washington** 1984 - 1985
- Represented Conoco’s interest in overseeing general contractor compliance with engineering standards and fabrication contracts.
 - Inspector for ALL equipment for a \$350 million project installed in the North Slope modules being assembled in Everett, WA, including all rotating equipment, gas compressors, pumps and gas turbine power generators.
- Senior Production Foreman, Conoco Inc, Dubai, UAE** 1980 - 1984
- Supervised the day to day oil production operation of Conoco’s largest offshore oilfield located in Dubai, UAE.
 - Responsible for production quotas, field personnel, work scheduling and budgeting. Provided oversight for all oil well downhole maintenance procedures. Provided oversight on gas turbine driven gas compressors and generators.
- Maintenance Foreman, Conoco Inc, Gulf of Mexico, Offshore** 1977 - 1980
- Set up of a new preventive maintenance program for all rotating equipment in Conoco’s offshore West Delta production field.
 - Provided on-site training to field mechanics performing all maintenance tasks.
 - Coordinated all equipment overhauls and upgrades.
 - Oversaw all contractor maintenance contracts.
 - Taught Solar Gas Turbine School at Kilgore College’s Extension program (PEMEX) in Kilgore, TX.
- Maintenance Foreman / Construction Foreman, Conoco Inc, California** 1974 - 1977
- Oversaw the daily operation of Conoco’s “steam injection” facility for enhanced heavy oil production.
 - Project field supervisor for the installation, start-up, and operation of Conoco’s “Fire flood” facility for enhanced heavy oil production.
 - Project field supervisor for the installation and start-up of a 2.5 mega-watt gas turbine generator. Project field supervisor for the installation of a centralized gas gathering compressor station.
- Maintenance Mechanic, Conoco Inc, California** 1974
- Began career in oil and gas production. Worked as a lead mechanic on all field gas compressors. Daily visits to all gas compressors. Performed tasks to support preventive maintenance programs.
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Licensing, Certifications and Specialized Training

- Licensed FAA Technician; Hold A&P (Airframe and Powerplant) license
- Licensed pilot, single engine land and single engine sea