

Gary S. Kent
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BA Geology '83

Following graduation I was employed with Frey Well Drilling, a local drilling company. I worked on and supervised many drilling projects for a broad range of customers. We completed many gas wells, oil wells, geothermal boreholes, water wells, and sampling wells. We also performed extensive foundation drilling in soils and rock, on land and on water. We completed many directional holes for utilities, and hard rock mines. We completed dewatering and stabilization projects using various techniques. We also completed many methane recovery wells located in New York State landfills. Some of the most memorable projects include a 4400' Gas well in Jamestown (company record for many years). A 17" diameter borehole 2200' on a 45° angle cut through Sudbury's tough Norite for the INCO Cu-Ni mines. The bore was cased, cemented, and subsequently used to remove ground water.

Having spent a lot of time on the road, I looked for a change in careers that would keep me at home, and allow me to use my interests in Computer Aided Design, and Engineering. I joined Sherwood, a manufacturer of gas control valves, in 1998 as a tool designer in the Manufacturing Engineering group. I served in that capacity until being promoted to "Manufacturing Engineer" in 1999, with responsibilities including managing the design drafters in our group, and completing integration of 6 million dollars worth of high speed assembly and test equipment.

The year 2000 brought me the opportunity to join a local Aerospace company, Carleton Technologies Inc. I took a position with them as a Manufacturing Engineer within the Commercial Aircraft Team. The responsibilities changed from squeezing pennies out of high volume production, to developing repeatable assembly and test processes that minimized variation in finished products. Carleton has many years experience in gas control devices. Our technology is found on the Land, Sea, Air, and Space. The life sustaining Oxygen systems I am part of, are found on Boeing, Airbus, and other commercial aircraft. Our current focus is on Lean Manufacturing techniques, Design for Manufacture and Assembly, and Six Sigma process capabilities.

During the last 9 years I have also owned and operated my own business, ITH Technical Services. My company primarily provides design engineering services, geotechnical consulting, and product development support.

I have been married for 22 years and have been blessed with a beautiful wife, and 3 wonderful children. Two of our kids are currently in college, and the youngest is finishing her first year of high school.