



## Project Profile

**Baker Hughes – Center for Completions  
Performance Technology**

*Houston, Texas*

\$ 2,027,000

Completed July 2008



### Client Overview

Baker Hughes – Center for Completions Performance Technology (CCPT) is a global oilfield service company who provide advanced products and services to help customers drill, evaluate, complete, and produce oil and gas wells.

### Project Overview

Baker Hughes CCPT research laboratory is used for the study of oilfield wellhead completions. At approximately 14,000 square feet, the project included 11,000 square feet of laboratory space, 2,000 square feet of support area, and 900 square feet for a contained lab used for corrosion testing. This facility, a showplace for Baker Hughes, includes a glass wall adjacent to the lobby which allows visitors and employees to observe the lab as they pass through the building. Additional unique features include the corrosion lab which will commonly use Hydrogen Sulfide; therefore it is on a separate system with stainless steel duct work and a scrubber for the exhaust. The exhaust duct for the main lab area was fabricated using PVC coated galvanized round duct and also included a high pressure nitrogen system (1200 psi) with an on site pressure boost system.

LCS designers worked closely with the Baker Hughes team for over a year, identifying every need of the new facility. LCS addressed the entire inventory of equipment to be relocated from other sites. LCS provided the casework, plumbing, and exhaust systems for this new lab. Special attention to finishing touches was required throughout this project. For example, all of the wood casework was specially matched to guarantee the wood grain was uniform. This facility is now a showplace for Baker Hughes CCPT.



### Project Team

Mechanical Designer, Project Manager: Dane McKitrick

Plumbing and Casework Design: Billy Winsett

Project Superintendent: Jerry Ruyle

Casework Superintendent: Daniel Chapa

Architect: Energy Architecture

