



**J.T. THORPE & SON, Inc.**  
Established 1906  
ENGINEERS and CONTRACTORS

# Refinery Plantwide Turnaround

**Description:** JTT was awarded a plantwide outage which required JTT to perform work at several locations in the plant at once. In this project, JTT performed Refractory repairs in the #2 Reformer Heater, #2 Hydrogen Plant, 51 Vacuum Heater, #1 and #4 Crude Heaters, #1 Coker and Flare, and the C-Claus Sulfur Recovery Unit.

**Highlight:** Keeping schedule considerations as a key factor, JTT completed pre-mock ups for the sulfur recovery vessels and completing brick work pre-outage to reduce the amount of time scheduled in the unit. Also, JTT bricklayers performed a more aggressive approach to welding known as thermocouple coupling welding on the Coker heater skin metal repairs, observation-viewport window pane change-outs, heater flextech tubeseal change outs, toggle bolt door latches, new-heater door access openings, not to mention a few other items.

