



Sour Gas Flare Operations in Southern Canada (above)
Arches LES Flare Simulation (right)

Introduction

Hydrogen sulfide (H_2S) is a common component of gas streams flared in Western Canada. Large Eddy Simulations (LES) have been used to study the impact of H_2S on carbon and sulfur combustion efficiency.

This work was sponsored by the Canadian Association of Petroleum Producers and performed in a partnership between the Alberta Research Council Inc. (Allan Chambers) and the Institute for Clean and Secure Energy at The University of Utah (Philip Smith).

