

Optimal inlet conditions according to the pipeline length for Carbon Dioxide Sequestration

Arshad Muhammad Rehan, 김경진, 이철진, 한종훈*
서울대학교
(chhan@snu.ac.kr*)

Effect of changing inlet conditions of CO₂ was examined for pipeline system of different lengths. Recompression points were also identified in the pipeline. A complete cost analysis was done for all the cases. Results were compared for different inlet conditions of CO₂ for the given pipeline length. Best set of inlet conditions was identified for each length based on operational stability, capital cost and operating cost.