

## SPE Field Trip – Wintershall’s Emlichheim Facility, May 31<sup>st</sup> 2016



On May 31<sup>st</sup> Wintershall invited us to their Emlichheim facility to get a firsthand look at the production and injection facilities there. They agreed to take 12 students on a tour of the facilities and the field. The students met at the ITE in the morning and drove out to Emlichheim. Upon arrival coffee and water was provided and the local manager gave a detailed presentation of the history of the field and the mechanisms in place. The field is an old oil field that utilizes steam flooding to continue producing oil.

The presentation was very informative on the different processes of steam/ water flooding and their potential benefits as well as production increases. The Wintershall manager was very open and gladly answered any questions. The presentation was followed by a tour of the facilities, the tour was given by a young engineer and included a few wells as well as the water and steam facilities. The water treatment and steam production facilities were the highlight of the day since most people never get to see this side of the oil field. In addition, they had some newer features and additions on the plants that allowed for maximized efficiency.

The group of students left Emlichheim around 4 pm and headed back to Clausthal after a successful and informative day at one of the oldest producing oil fields.