

Engie Field Trip "Schönewörde"- 02.03.2016



On the 2nd of March, ENGIE E&P Deutschland GmbH invited students from the SPE Student Chapter Clausthal to visit their production facility in Schönewörde, Niedersachsen.

Engie, also known as GDF Suez prior to April 2015 is a French multinational company. 14 students had the opportunity to attend this excursion.

Mr. Goudarzi and other two engineers from ENGIE welcomed us at their oil production facility. In the beginning, general safety rules were transmitted. In a first presentation, we received information about the company itself, the plant in Schönewörde, and activities of Engie in Northern Germany.

Then, technical presentations about artificial lift methods were held by Mr. Goudarzi. We got to know the working principle of a positive-displacement downhole pump, such as a beam pump or a progressive cavity pump. Additionally, the usage of the natural gas as a by-product was discussed.



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A tour around the production facility allowed us to see a fixed roof storage tank, diesel engines, and the separator stages to separate the produced oil, gas, and water. Furthermore, Engie offered us the chance to visit two oil production wells. The wells were selected in a way; in which we were able to see a beam pump as well as a progressive cavity pump. Before visiting the two locations, the particular well profile was presented and we had the chance to ask questions about the completion of both boreholes. The combination of a theoretical part and the tour helped us to get a better understanding about the two artificial lift methods.

ENGIE E&P Deutschland GmbH planned the excursion very well and the student could benefit from the technical knowledge and presentations of Mr. Goudarzi and the staff from ENGIE.

It was a great experience for the SPE Student Chapter Clausthal and we would like to thank ENGIE for the opportunity to visit them.