Assistant Professor Fahd Mohamad Alqahtani

Journal Articles

1. Nait Amar, M., **Alqahtani, F. M.**, Djema, H., Ourabah, K., Ghasemi, M. **2023**. Predicting the Solubility of Hydrogen in Hydrocarbon Fractions: Advanced Data-Driven Machine Learning Approach and Equation of State. Journal of the Taiwan Institute of Chemical Engineers **153**: 105215, ISSN 1876-1070. https://doi.org/10.1016/j.jtice.2023.105215.

Conferences

1. **Alqahtani, F., M.**, Althehibey, M., T., and Ghasemi. M. **2022**. The Impact of Petrophysical Heterogeneity on the Carbon Capture Utilizations and Storage Strategies. Presented at the SPE Annual Technical Conference and Exhibition, Houston, Texas, USA, October. SPE-210378-MS. doi: https://doi.org/10.2118/210378-MS.
2. **Alqahtani, F., M.**, Dahouk, M., M., Whitson, C., H., and Ellie, C. **2020**. Impact of Fluid Heterogeneity on Tight Unconventional Well GOR Performance. Presented at the SPE/AAPG/SEG Unconventional Resources Technology Conference, Virtual, July. URTEC-2020-2545. doi: https://doi.org/10.15530/urtec-2020-2545.
3. **Alqahtani, F., M.**, Khan, A., Chuparova, E., and Whitson.C., H. **2020**. GOR Performance for Tight Unconventional Wells with Layer-Wise Fluid Heterogeneity. Presented at the SPE Europec, Virtual, December. SPE-200575-MS. doi: https://doi.org/10.2118/200575-MS.
4. **Alqahtani, F., M.**, Khan, A., Chuparova, E., and Whitson. C., H. **2020**. Impact of Heterogeneity on Producing GOR for Tight Unconventional Wells. Presented at the SPE Canada Unconventional Resources Conference, Virtual, September. SPE-200014-MS. doi: https://doi.org/10.2118/200014-MS.