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Co-Advising

M.Sc. Thesis, Saleh Alshamrani. (Principal Advisor: Dr. Taha Moawad, Co-Advisor: Dr. **Mohammed Almobarky**): "Experimental Investigation and Optimization of Integrated Modified Materials to Enhance Foam Stability for Enhanced Oil Recovery Applications.", April 2020.

Publishing

1. Hakimi, M. H., Kumar, A., Alqubalee, A. M., Singh, A. K., **Almobarky, M**., Rahim, A., ... & Naseem, W. 2024. Mineralogy and Geochemistry of the Paleocene–Eocene Palana Formation in Western Rajasthan, India: Insights for Sedimentary Paleoenvironmental Conditions and Volcanic Activity. Minerals, 14(2), 126.
2. Emad S. Al-Homadhi; **Mohammad A. Almobarky**; and Albara F. Alwosaibai. 2022. Produced Oily Water Treatment Efficiency by Polyester Fiber Deep Bed Filter (Phase Two: Extended Filter Length and Long Duration). Journal of King Saud University - Engineering Sciences.
3. E. S. Al-Homadhi; **M. Almobaraky**, and I. Alahaidib. 2019. Using Polyester Fiber Media for Treating Produced Oily Water at Different Oil Concentrations, OIL GAS European Magazine, 2019/4, pp 174-179.
4. AlYousef, Zuhair, **Almobarky, Mohammed**, Schechter, David. 2019. Surfactant and a Mixture of Surfactant and Nanoparticles to stabilize CO_2/Brine Foam, Control gas mobility, and enhance oil recovery. Journal of Petroleum Exploration and Production Technology.
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6. **Almobarky, Mohammed**, Alyousef, Zuhair, Schechter, David. 2018. Enhancing the Foam Stability Using Surfactants Mixtures. SPE-192449-MS.
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11. AlYousef, Zuhair, **Almobarky, Mohammed**, Schechter, David. 2017. The Effect of Nanoparticle Aggregation on Surfactant Foam Stability. Journal of Colloid and Interface Science, Science Direct.
12. Zuhair A Al Yousef; **Mohammed Almobarky**; David S. Schechter. 2017. Enhancing the Stability of Foam by the Use of Nanoparticles. Energy & Fuels.