

A DETAILED STUDY OF ASPHALTENE PROBLEM AT ADHI FIELD

It is a joint R&D project between NED University and Pakistan Petroleum Limited, initiated on January 1st 2018 under the supervision of Dr. Fareed Iqbal Siddiqui as Project Sponsor from PPL and Dr. Syed Mohammad Tariq (Professor on PPL Chair) as Principal Investigator from Petroleum Engineering Department, NED University.

The objective of this project includes;

- I. Focus on subsurface and establish the source and mechanism of Asphaltene deposition on a geological/reservoir basis. This may lead to new mitigation scheme and better future well placements to minimize Asphaltene precipitation.
- II. Optimize the feed mix to minimize Asphaltene deposition with different precipitation models based on a systematic study of well performance pre and post 2007.
- III. Integrate Asphaltene findings with ongoing full field simulation models/studies to enhance predictability of Asphaltene precipitation

The project team consists of an Assistant Professor - Dr. Javed Haneef, a Lecturer - Syed Imran Ali and a Research Assistant - Muhammad Arsalan Siddiqui.