

2nd International Conference and Expo on

Oil & Gas

December 02-03, 2019 | Dubai, UAE

Characteristics of Asphaltenic oils and challenges in their production and processing

M R Riazi

Kuwait University, Kuwait

Heavy oils normally contain a large amount of heavy hydrocarbon compounds rich in aromatics including asphaltenes. Characteristics and behavior of such oils are significantly different from those of light oils. In this presentation characteristics and nature of several asphaltenic oils from different parts of oil are examined and methods of estimation of their properties needed for production

and processing are discussed. Stability of oil with respect to asphaltene precipitation and parameters that can be used to determine such stability will be discussed. In addition difficulties that asphaltene creates for oil production and processing and as well as some suggestions to overcome these difficulties will be presented.

e: m.r.riazi08@gmail.com