

Shaybah field, Saudi Arabia

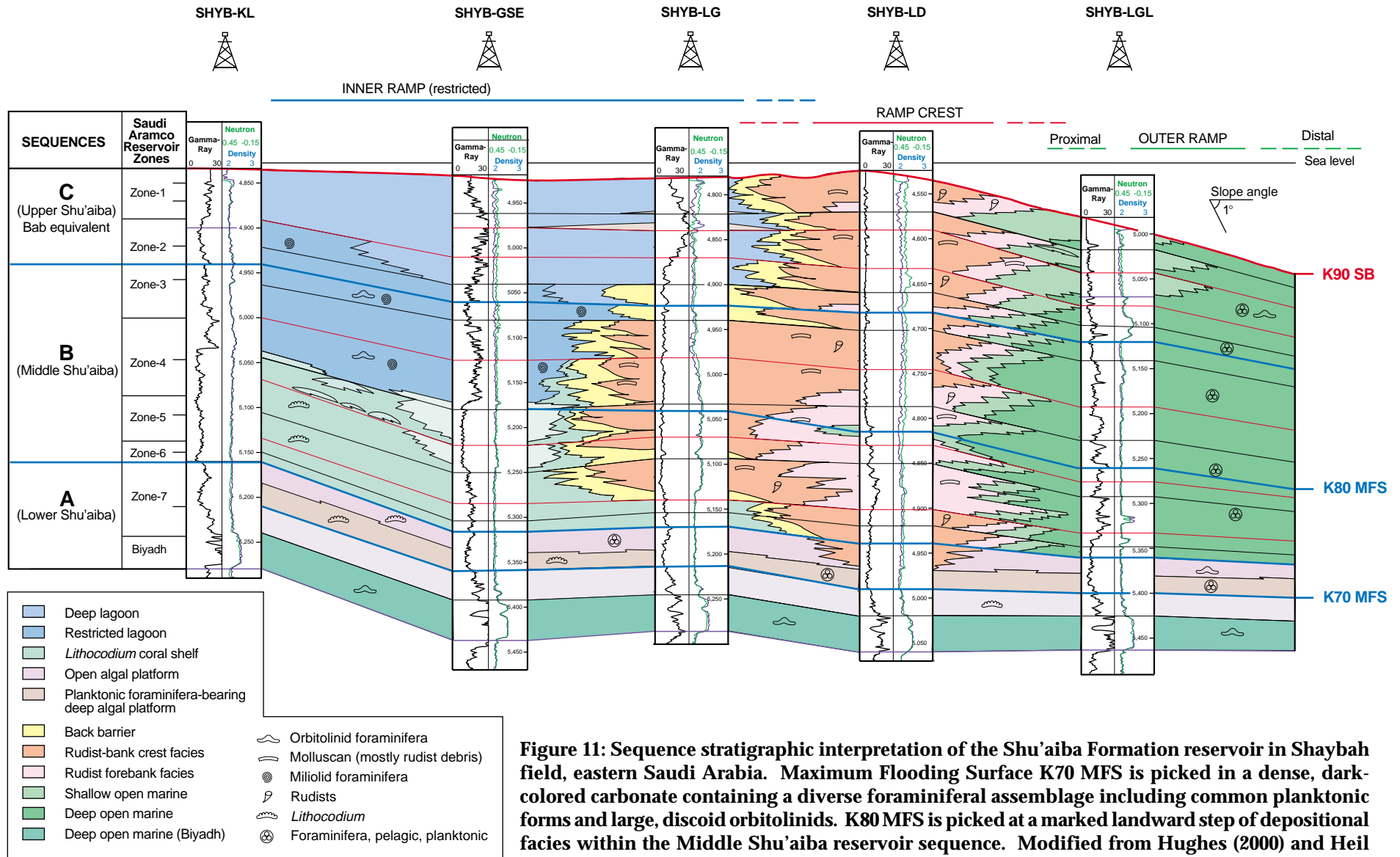


Figure 11: Sequence stratigraphic interpretation of the Shu'aiba Formation reservoir in Shaybah field, eastern Saudi Arabia. Maximum Flooding Surface K70 MFS is picked in a dense, dark-colored carbonate containing a diverse foraminiferal assemblage including common planktonic forms and large, discoid orbitolinids. K80 MFS is picked at a marked landward step of depositional facies within the Middle Shu'aiba reservoir sequence. Modified from Hughes (2000) and Heil (2001). Details of depositional facies from G.W. Hughes (personal communication, May 2002).