



Comparison and Analysis of Structural Parameters in Rate of Pabde Formation Fracture in Two Iranian Oil Fields

m. jamilpour (1), F. Mousavi (2), and H. Rahimpour (3)

(1) school of geology, University of Tehran, Tehran, Iran (mahmood_mj@yahoo.com) , (2) school of geology, University of Tehran, Tehran, Iran (fateme.mousavi@yahoo.com) , (3) school of geology, University of Tehran, Tehran, Iran (hrahimpour@yahoo.com)

Pabde marly formation (Oligocene-Eocene) associated with Gurpi formation plays minor seal role for Bangestan reservoir in Dezful embayment. But sealing role of this formation isn't same through the Dezful embayment. Several parameters affect on sealing efficiency of this formation. In this study comparison and analysis of structural parameters such as shortening percentage and tightness of fold using RMS software. Using FRACA software, the changes in rate of anticline radius of curvature was evaluated as an important parameter in rate of Pabde formation fracture in two oil fields with different sealing efficiency of caprock. Finally comparing of these parameters in two oil fields determined that difference in their trends that caused to different fracture density and therefore make diversity in sealing efficiency of this formation through the Dezful embayment region.