



Biostratigraphic of Asmari Formation in Marun Oilfield (Well no.339)

Meysam Shafieeardestani

(m_shafiee@khayam.ut.ac.ir)

In order to study of the biostratigraphy of the Asmari formation, one subsurface stratigraphic section "Well no. 281" in Marun oilfield were selected. The thickness of Asmari formation is 450 m. and consists of limestone, dolomitic limestone, argillaceous limestone, dolomite, sandstone and shale. In this research 18 genus and 30 species were recognized. The biozones consist of:

- 1- Globigerina spp. assemblage zone
- 2- Archaia – Miogypsinoidea complanatus assemblage zone
- 3- Elphidium sp.14 – Miogypsina interval zone
- 4- Borelis melo group – Meandropsina iranica assemblage zone

The age of Asmari formation is Oligo-Miocene (Early oligocene – Burdigalian).