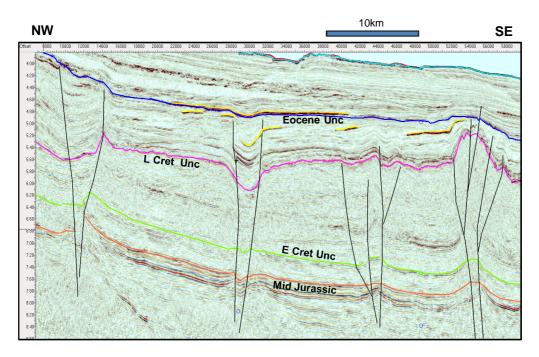
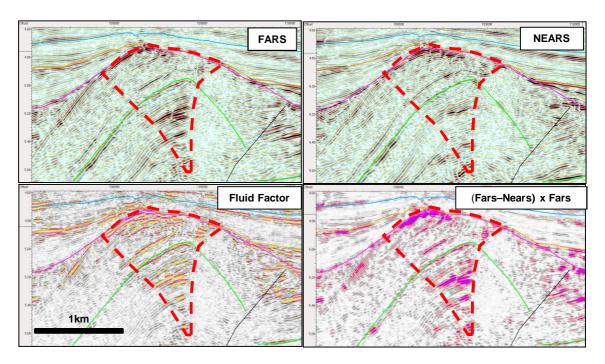


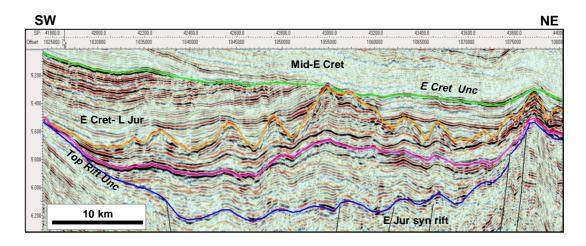
Supplement Figure S1: Depth structure map on Mid Jurassic horizon in Mogadishu Deep showing WSW-ENE trending Eocene strike slip faulting. Yellow polygons are large scale structural closures. Locations of supplement Fig. S2 and main paper Fig. 8 are shown.



Supplement Figure S2: NW-SE seismic line across Mogadishu Deep basin showing stratigraphic section and flower structuring associated with Eocene age strike slip faults.



Supplement Figure S3: Seismic hydrocarbon indicators on thrust anticline in Kismaayo Thrust Belt; location not disclosed.



Supplement Figure S4: SW-NE trending seismic line showing interpreted Mid-Late Jurassic carbonate reefs (yellow horizon) on the Mid Somalia High.