

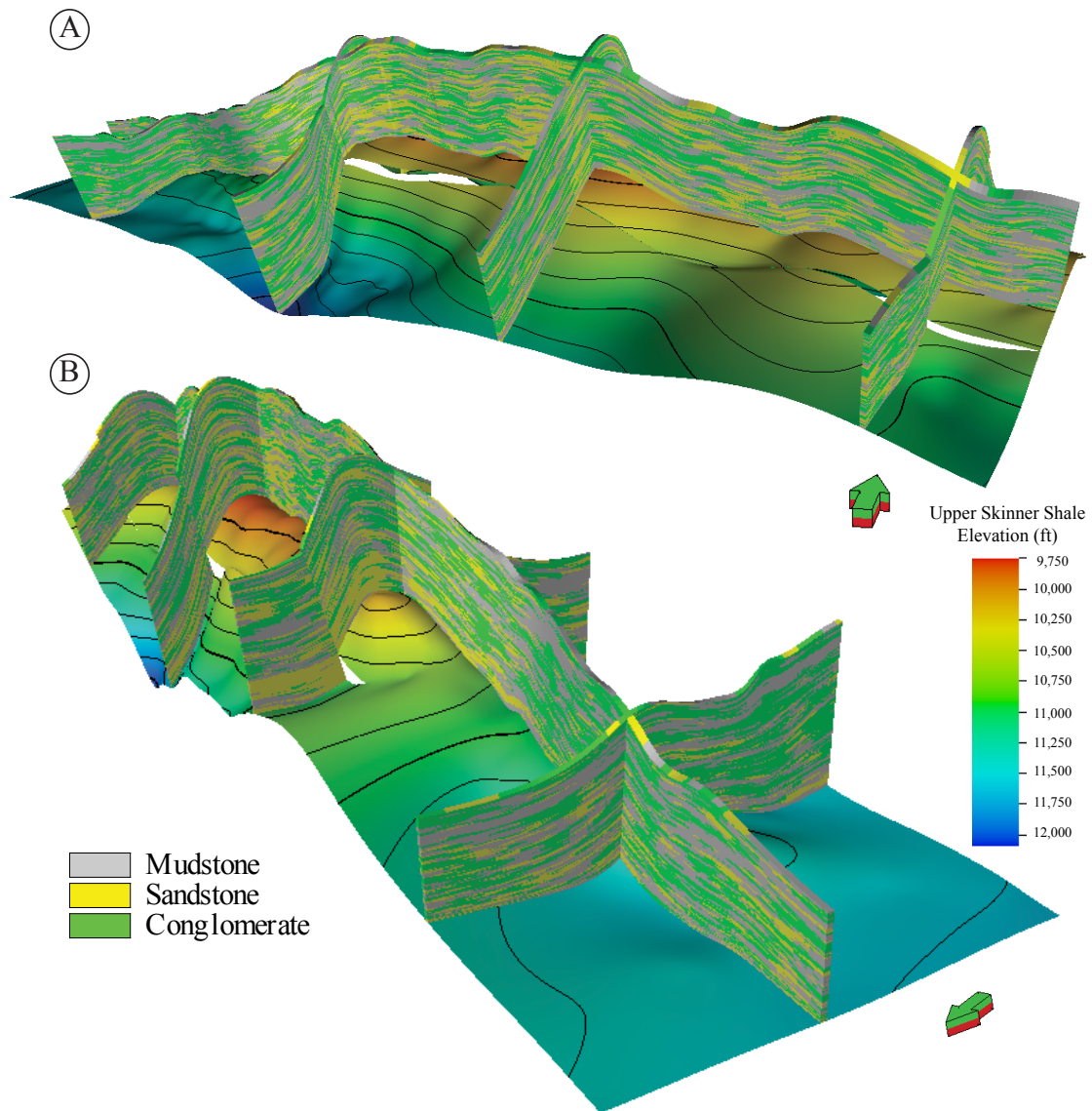


Figure 17. 3-D view of the lithology model A) from the southeast, B) from the northwest with slices along I and J directions with ten times vertical exaggeration. The model overlies the top of the Upper Skinner shale surface. Northwest trending anticline bounded by two faults on its flanks is the major structure in the field. Mudstones can be observed with their high lateral continuity. The amount of conglomerates is greater on the northwest side of the field, and sandstone amount increases toward southeast side of the field. Proximity to the source can be the most significant factor in the distribution of sandstone and conglomerate in a fan-delta depositional environment.