

Comments to the Author:

The MS is much improved. Some minor technical problems only before it is ready for publication.

1) You need to proof read the document carefully. There are still numerous grammatical and style errors that need to be addressed. as the topical editor I don't have the capacity to do copy editing for you.

The final version of the manuscript has been proofread by a native english speaker (Tara Shreve) that is acknowledged at the end of the manuscript.

2) There is no length scale on any of the figures with maps in them. This needs to be rectified.

Length scales have been added to figures 2 and 5 where they were lacking. The other maps go together with profiles that are labeled in meters and therefore provide a scale to the reader.

3) You need to mark on fig 2 and/or figure 4 and figure 6 the 15 and 50 km radius zones in which you are analysing the seismicity and mention what the zones are in the figure captions. Currently it is impossible for the reader to see how these zones relate to the deformation field or plotted seismicity. Also it is not clear how these radii relate to the physical hydrocarbon extraction zones. Figure 4 might need to be enlarged in spatial coverage to fit the 50 km radius zone? Maybe this will have to be shown on fig 2?

We choose to add the 15 km and 50 km contours on panel C of figure 5 that presents the large scale velocity maps and we refer to these contours in Figure 3 caption.