

**Review Form 1.7**

Journal Name:	<b>Journal of Geography, Environment and Earth Science International</b>
Manuscript Number:	<b>Ms_JGEESI_115841</b>
Title of the Manuscript:	<b>WELL BASED ELASTIC ATTRIBUTE ANALYSIS FOR RESERVOIR CHARACTERIZATION IN EK-FIELD NIGER DELTA</b>
Type of the Article	<b>Original Research Article</b>

**Review Form 1.7**

**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1- Yes, but after making some modifications</p> <p>2- Yes, the title of the article suitable</p> <p>3 - No, the abstract of the article is uncomprehensive, the researcher needs to clarify the problem and purpose of the study in the abstract.</p> <p>4 - No, the manuscript needs to arrange the main elements, shorten the side titles, and number the subtitles, the study location must be determined more precisely, indicating latitude and longitude.</p> <p>5 - Yes. The manuscript provides valuable results</p> <p>7. No, the references are not sufficient and old</p> <p>Bagheri, H., Tanha, A. A., Doulati Ardejani, F., Heydari-Tajareh, M., &amp; Larki, E. (2021). Geomechanical model and wellbore stability analysis utilizing acoustic impedance and reflection coefficient in a carbonate reservoir. <i>Journal of Petroleum Exploration and Production Technology</i>, 11, 3935-3961.</p> <p>Ezim, E. O., Olayinka, A. I., Oladunjoye, M., Obiadi, I. I., &amp; Azuoko, G. B. (2022). Using inverted 4-D seismic and well data to characterise reservoirs from central swamp oil field, Niger Delta. <i>World Journal of Advanced Research and Reviews</i>, 13(2), 185-200.</p> <p>Mirzakhaniyan, M., &amp; Hashemi, H. (2022). Semisupervised fuzzy clustering for facies analysis using extended elastic impedance seismic attributes. <i>Geophysics</i>, 87(4), N75-N84.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>maybe</p>	
<p><b>Optional/General</b> comments</p>	<p>The manuscript needs some modifications The abstract of the article is not comprehensive, and the researcher needs to clarify the problem and aim of the study in the abstract. The manuscript needs to arrange the main elements, shorten the side headings, and number the sub-headings, and the location of the study must be determined more accurately, with latitude and longitude indicated. References are insufficient and outdated</p>	

**Review Form 1.7**

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Ahmed Fathi Younes Gelany</b>
Department, University & Country	<b>Luxor University, Egypt</b>