

Review Form 1.7

Journal Name:	Asian Journal of Geological Research
Manuscript Number:	Ms_AJOGER_97014
Title of the Manuscript:	ESTIMATION OF PETROPHYSICAL PARAMETERS USING 3-D SEISMIC DATA FROM A FIELD IN NIGER DELTA, NIGERIA
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://journalajoger.com/index.php/AJOGER/editorial-policy>)

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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1- Yes, it is very important.</p> <p>2- The title is somewhat consistent with the research content.</p> <p>3- Use probable accumulations in the last sentences of the abstract "This results in general suggest that the reservoir sand of the study field contains huge accumulations of hydrocarbon...".</p> <p>4- You must number the sections and the subsections of your manuscript. - Add a paragraph at the end of the introduction to highlight the objectives of the study.</p> <p>5- Yes.</p> <p>6- The authors are asked to discuss more references. The number of document consulted is not sufficient for a research paper. - Figure 1, 4, 5, 6, 7, 8, 9, 10, and 11 are illegible and their label are hard to read. It is requested to provide clear and high quality "publication-quality" figures. - Figure 1, 2, 3, 4, 5, and 11 are cited in the text. - The geological map of the Study Area (Figure 2) is very old. You must update it or replace it with a recent map. Also add a lithologic log of the study area. - Authors must indicate the source of the seismic data used. Are these data collected by a geophysical company, a governmental institution...? - Explain the geophysical acquisition methods used for the seismic data collection. - Unify the digits after decimal point for "value" in Table 1. - The conclusions should be revised carefully. There is lack of coherence, essentially in the first paragraph.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>- Your manuscript must be 'spell-checked' and 'grammar-checked'.</p>	
<p>Optional/General comments</p>	<p>- First of all, this paper has either no line numbering or page numbering which made the reviewer task challenging. - The paper present good research idea, but it is not suitable for publication in the current form. - We hope the author would find our recommendations helpful to revise this manuscript. Please see comments above.</p>	

PART 2:

	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>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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