

**Review Form 1.7**

Journal Name:	<b>Journal of Geography, Environment and Earth Science International</b>
Manuscript Number:	<b>Ms_JGEESI_115556</b>
Title of the Manuscript:	<b>INTEGRATION OF SEISMIC AND WELL LOG DATA FOR RESERVOIR CHARACTERIZATION IN OFFSHORE NIGER DELTA, NIGERIA</b>
Type of the Article	<b>Research</b>

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes, it is (The combination of 3D seismic reflection data and well log data in this study has enabled the quantitative estimation of hydrocarbon reserves in a field located offshore Niger-delta, Nigeria with a high level of accuracy. The presence of four hydrocarbon-bearing sands was conclusively identified through careful analysis of the gamma ray, neutron, density, and resistivity logs. Further analysis of the well log data revealed that the study area is characterized by well-defined sand-shale interbeds. These hydrocarbon reservoir sands were accurately correlated across all wells, and the hydrocarbon intervals in the field were precisely mapped onto the seismic section using time-depth data.)</p> <p>2. Yes, it is 3. Yes, it is 4. Yes, they are 5. Yes, I do 6. Yes, they are</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>Yes , it is</p>	
<p><b>Optional/General</b> comments</p>	<p>There were some comments I highlighted on the original copy of the article. Please take them into consideration.</p>	

**PART 2:**

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

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**Reviewer Details:**

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