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| Journal Name: | [**Journal of Engineering Research and Reports**](https://journaljerr.com/index.php/JERR) |
| Manuscript Number: | **Ms\_JERR\_134114** |
| Title of the Manuscript: | **APPLICATION OF WATER ALTERNATING GAS INJECTION (WAG) FOR OIL RECOVERY IN THE NIGER DELTA** |
| Type of the Article | **Original Research article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** |  |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** |  |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. |  |  |
| Is the manuscript scientifically, correct? Please write here. |  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** |  |  |
| Is the language/English quality of the article suitable for scholarly communications? |  |  |
| Optional/General comments | 1. The author should expand the introduction section according to the main ideas of the title. 2. He must regulate the figures’ design to the same size for a good look. 3. The names under the figures are written in the middle of each figure. 4. The methodology section should provide clear and complete information about the materials and methods used. This section would be better written as a scientific article under the title ‘**Materials and Methods’**. 5. The results and discussion section are currently quite brief. It should be expanded to clearly describe and support the findings using detailed explanations, along with relevant figures and tables. 6. It would be beneficial to determine the porosity, permeability, and chemical composition of the rock, as these are key factors that significantly influence oil recovery efficiency. 7. The conclusion section needs to be expanded. 8. An **Acknowledgments** presented at the end of the research article. It should be included in the organization that provided financial support for this study. 9. I’m happy to give my consent for the publication of this article, provided that the above requirements are fulfilled. | This is done  Done  Axis and figure titles are already written at the middle of the figures.  The results and discussion section has been expanded with the relevant figures and tables  These parameters were inputs for the simulation.We couldn’t have carried these simulations without these parameters. However, the research is not intended to look at each parameter and investigate their influence  This has been expanded  This is now provided |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |