

Dear Editor Ramon Carbonell,

We appreciate greatly your time and efforts on handling with our manuscript. We are thankful for the two reviewers helping us to improve the manuscript in language and technical issues.

We have carefully revised manuscript based on the reviewers' questions and comments point by point.

We did all corrections in language-related issues. For the technical issues,

1. We revised Step 1 in 3.2 Data Pre-processing to remove the contradictive statements (Please check Page 5 Line 9—10).
2. We explained the small moveout in the reflection shown in Figure 3 (Please check Page 6 Line 10—12).
3. For the AVO effects caused by sheet-like mineralized deposits, we would like to keep it in Discussion because we want to remind the potential readers that the widely used AVO study for exploring oil and gas might help to discover mineral deposits in mineral exploration.

Kind Regards,
Yinshuai