[KJS] Article Review Request - #16459 - "3D Geological Static Model of Euphrates Reservoir in Ajeel Oil Field, Northern Iraq "

External

Inbox

Prof. Fawzia Mohammed Ahmad Al-Ruwaih via Kuwait Journal of Science <kjs@ku.edu.kw>

Tue, Nov 23, 1:30 PM

to Abdulla

Dear Prof. Abdulla Amir Omar,

Kuwait Journal of Science has received a manuscript entitled: "**3D Geological Static Model of Euphrates Reservoir in Ajeel Oil Field, Northern Iraq** ", which we believe is in your area of expertise and thought you might be interested in peer-reviewing.

The KJS pays an **honorarium of KD 50/- (Approximately $160 including bank charges, if any)** for refereeing a paper after the final decision is completed.

We would be grateful if you could review the manuscript within **two weeks** and if you are *unable or not interested in reviewing* please inform us via mail.

Also, we appreciate if you can nominate some reviewers who may be intrested in reviewing, this paper.

For a more user-friendly experience, please use our website in any of the following browsers **Google Chrome, Mozilla Firefox, Opera, etc...**

We are including the article abstract in this email for your reference.

The current study summarizes the construction of a 3D geological Static Model of the age of the Aquitanian sediments (Euphrates and Serikagni formations) in Ajeel Oil Field that has structural closure towards NW-SE. The Geoframe software (petro-view plus application) was used for calculating V-shale value from the gamma-ray log and porosity values from Neutron log, Density log, and sonic log. The lithology of the Euphrates Formation is presented on FDC –CNL and M-N cross plots and showed the dominance of dolomite. The 3D geological model (structural model, facie model, and petrophysics model (porosity and water saturation) are carried out by using Petrel-2015 software. Euphrates Reservoir dividing to 60 Layers depends on change facies and petrophysics well data. On the other hand, Data analysis to prepare the primary and secondary inputs were used for discrete and continuous property modeling during the Facies modeling and Petrophysical modeling processes. The porosity model showed values between (0 - 0.3) where the shoal environment sediments have the biggest

values of porosity effective. As well as the water saturation is a correspondent with the porosity model and well logs interpretation. Euphrates Reservoir has two fluid contacts gas-oil contact and oil-water contact depend on the Drill stem test-**DST** and logs interpretation.

If you're willing to review this submission, please go through the following steps:

1. Log in to the KJS system, https://journalskuwait.org/kjs/index.php/KJS/reviewer/submission?submissionId=16459, and click on the "Will do the Review".
2. If you do not have your username and password to access the journal's website, you can use the following link to reset the password (which will then be emailed to you along with your username). https://journalskuwait.org/kjs/index.php/KJS/login/lostPassword.
3. Download the Manuscript and authentication Summary of the manuscript.
4. After the review process please fill up the evaluation form along with the recommendation.

Please click here for the review process guideline:

I look forward to hearing from you.

Kind Regards,

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