Marine and Petroleum Geology 124 (2021) 104861

Contents lists available at ScienceDirect

Marine and Petroleum Geology

journal homepage: www.elsevier.com/locate/marpetgeo

Corrigendum

Corrigendum to "Influencing factors and fracability of lacustrine shale oil reservoirs" [Mar. Petrol. Geology 110 (2019) 463–471]

Cunfei Ma [a,b,c,d,e,*], Chunmei Dong [a,b,c,d], Chengyan Lin [a,b,c,d], Derek Elsworth [f], Guoqiang Luan [a], Xiaolong Sun [a], Xiaocen Liu [a]

[a] School of Geosciences in China University of Petroleum (East China), Qingdao, 266580, China
[b] Key Laboratory of Deep Oil & Gas Geology and Geophysics (China University of Petroleum), Ministry of Education, Qingdao, 266580, China
[c] Reservoir Geology Key Laboratory of Shandong Province (East China), Qingdao, 266580, China
[d] Research Laboratory of China University of Petroleum (East China), Key Laboratory of Oil and Gas Reservoir of China National Petroleum Corporation, Qingdao, 266580, China
[e] Key Laboratory of Shale Oil and Gas Exploration & Production, SINOPEC, Dongying, 257100, China
[f] The Pennsylvania State University (University Park), State College, PA 16803, USA

The authors regret that there are two aspects for the above article that we like to make corrections: (1) since the second batch of data is non-shale and the calculation standard of brittleness is different, some irrelevant data need to be removed.; and (2) writing form and unit of the formula need to be modified. These corrections do not affect the findings of the article.

a) Fig. 12 (page 469) should be replaced with the new figure below.

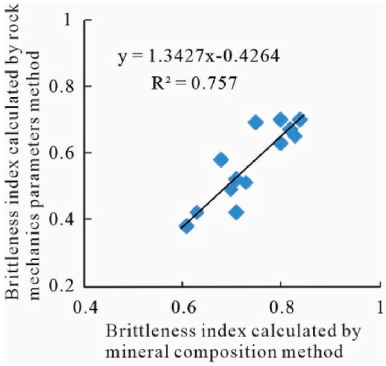

Fig. 12. Comparison between the brittleness indices calculated by the mineral component and the rock mechanics parameters method.

b) Fig. 13 (page 470) should be replaced with the new figure below.

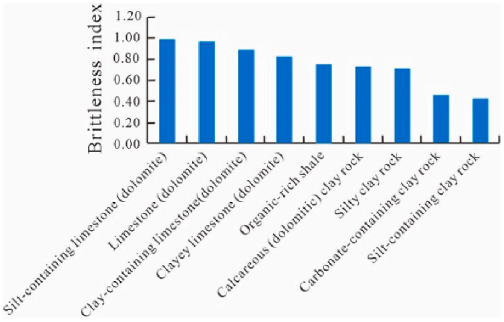

Fig. 13. Brittleness indices of different shale lithofacies.

c) The equations (Equations (4)–(9), Equations (11) and (12); just delete *100 from the original formula) should be replaced with the new equations below (page 470).

$$B_{rit} = V_{quartz}/(V_{quartz} + V_{carbonate}) \quad (4)$$

$$B_{rit} = V_{felsic}/(V_{felsic} + V_{carbonate}) \quad (5)$$

$$B_{rit} = (V_{felsic} + V_{carbonate})/(V_{felsic} + V_{carbonate} + V_{clay}) \quad (6)$$

$$B_{rit} = (V_{felsic} + V_{carbonate})/(V_{clay} + V_{felsic} + V_{carbonate} + V_{organic}) \quad (7)$$

$$E_{Rrit} = (E - 10)/(80 - 10) \quad (8)$$

$$\mu_{Rrit} = (0.4 - \mu)/(0.4 - 0.1) \quad (9)$$

$$E_{Rrit} = (E - 24.6)/(75.3 - 24.6) \quad (11)$$

DOI of original article: https://doi.org/10.1016/j.marpetgeo.2019.07.002.
* Corresponding author. School of Geosciences in China University of Petroleum (East China), Qingdao, 266580, China.
E-mail address: mcf-625@163.com (C. Ma).

https://doi.org/10.1016/j.marpetgeo.2020.104861

Available online 17 December 2020

$$\mu_{Rrit} = (0.25 - \mu)/(0.25 - 0.02) \quad (12)$$

d) On page 469, Sect. 4.3, first paragraph, line 11: "where B_{rit} is the brittleness index, %" should be replaced with "where B_{rit} is the brittleness index".

e) On page 469, Sect. 4.3, second paragraph, line 22: "where B_{rit} is the brittleness index, %" should be replaced with "where B_{rit} is the brittleness index".

f) On page 469, Sect. 4.3, sixth paragraph: "where E_{Rrit} is the normalized Young's modulus, %; E is the Young's modulus, Gpa; μ_{Rrit} is the normalized Poisson's ratio, %; μ *is* the Poisson's ratio; B_{rit} is the brittleness index, %." should be replaced with "where E_{Rrit} is the normalized Young's modulus; E is the Young's modulus, Gpa; μ_{Rrit} is the normalized Poisson's ratio, %; μ *is* the Poisson's ratio; B_{rit} is the brittleness index."

The authors would like to apologize for any inconvenience caused.