



Erratum to “Experimental Study on Fracture Conductivity in Hydraulic Fracturing” [IJCESEN 6-1(2020)19-22 doi: 10.22399/ijcesen.570108]

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This paper represent correction of some information previously published paper (IJCESEN 6-1(2020)19-22 doi: 10.22399/ijcesen.570108). The details are given below.

Details of Errata:

1. Part 2.1:” Two diameters of proppants are 20/40-mesh, which are commonly used in China. The bulk density and apparent density of ceramic proppants are 1.58 g/cm³ and 2.84 g/cm³, respectively”. should be “The bulk density of ceramic proppants is 1.6 g/cm³.”

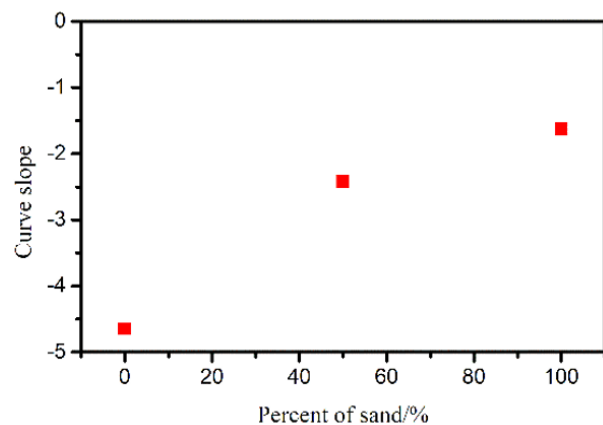
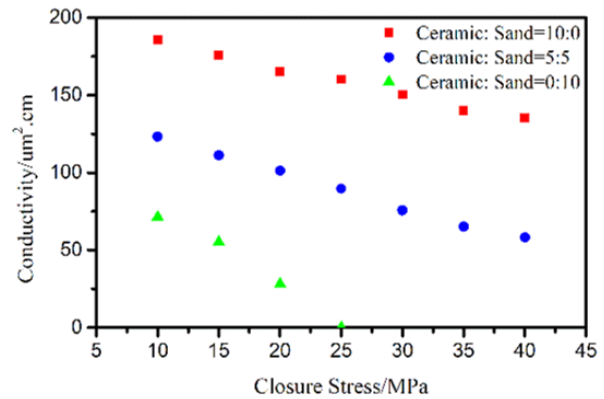
2. Part 2.4: The closure stress increased from 10 MPa to 40 MPa with an increment of 5MPa each time. The test time is 50 h for each stress point, which is according to the API standard 2 wt. % KCL is the test fluid.” should be: “The test time is 30 h for each stress point, which is according to the API standard. Brine is the test fluid.”

3. Part 3.2: “The conductivity of 100 % sand decreases to zero under a closure stress of 25 MPa, on the contrary, the conductivity of ceramic is still high above 150 μm²·cm.” should be delated.

4. Part 3.3: “The roundness and sphericity of the ceramic are both 0.8, which are bigger than the sand with the 0.7. The crushing rate of ceramic under a stress of 52 MPa is 5 %, while the crushing rate of sand under a stress of 28 MPa is 9 %.” should be delated.

5. Equation (3) should be S=0.03P-4.41.

6. Figure 2 and figure 3 should be corrected as follows.



The authors would apologize for any inconvenience caused.