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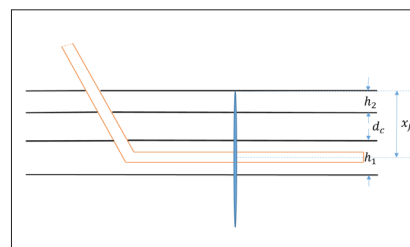
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Production calculation of trans-layer fractured horizontal wells

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Drilling trans-layer fractured horizontal wells is an effective method to improve the economic benefits of developing thin pay zones and low permeability reservoirs. Since the pay zones are thin and crossly distributed, the method could apparently improve the efficiency of horizontal wells and enhance oil recovery. The theory of equivalent wellbore radius is used to predict the productivity in this research to simplify this problem. The theoretic method to calculate the production of trans-layer fractured horizontal wells is given in this research. According to the result and the situation of research area, the affecting factors of the number of fractures, the fracture half-length and the fracture distance are given, which might guide the developing of trans-layer fractured horizontal wells.



Biography

Chen Xiangjun is a graduate from China University of Petroleum, China.

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