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D.1.6 Finding the connectivity. I have found the connected area A_c from the pressure analysis (Section D.1.4 above). I also know the gross rock volume $V=Ah$ from the BP seismic analysis (see Table A.6). I assume that the disconnected area is resolved at the limit of the seismic interpretation with an average thickness h_L = 10 ft (see Section 5). Then the connected volume is: $V_c = Ah - (A- A_c)h_L$. The connectivity is $V_c/Ah = 1-(1-A/A_c)(h_L/h)$. I find the values shown in Table D.4.

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