1 Q. Okay. So you weren't involved 2 in any onshore meetings by teleconference 3 that would have evaluated the effectiveness 4 of top kill? 5 There was a -- when we stopped Α. 6 pumping the top kill, obviously there was a 7 conversation between myself, team members, 8 and -- and our onshore leadership and 9 engineering teams. Who all was on the 10 other end of the phone, I couldn't tell 11 you. 12 Uh-huh. 0. 13 But there was a number of Α. 14 people. And we had some -- you know, end 15 up conversations about what we thought was 16 going on, what could be the possibilities, 17 and what to start looking at next. 18 Ο. And you -- I think you may have 19 already mentioned this, but just so I'm 20 clear. What -- what did you 21 22 attribute to be the reason that top kill 23 was unsuccessful? 24 Α. As -- as I stated previously, 25 one of the -- when the bridging material

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1 doesn't do its job is because of two 2 things. One is the pressure's just too 3 high and it pushes the material through the 4 area you're trying to bridge up, or the 5 area you're trying to bridge up is just too 6 Because we were restricted by the large. 7 Macondo BOP fixed lines, there was a limit to the size of the material that we could 8 9 put in there. We don't believe the 10 pressure was the culprit because we saw the 11 pressure being around 3,000 pounds, and 12 typically, that's not enough to push it 13 through any orifice that it could bridge. Some of this material was fairly large. 14 So we think that the -- the hole we were 15 16 trying to plug up was just too big. 17 Okay. Is there any -- was there 0. 18 any thinking that the top kill may have 19 failed because there was not a calculation 20 of the amount of flow and the amount of top kill that would have been necessary to --21 22 or I should say bridging material that 23 would have been necessary to have countered 24 that flow? 25 The -- the bridging Α. No.

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