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Cameron McA Gordon* (gordon@math.utexas.edu), Department of Mathematics, University of Texas, 1 University Station C1200, Austin, TX 78712, and **Henry Wilton**. *Surface subgroups of doubles of free groups*.

A well-known question of Gromov asks whether every one-ended word-hyperbolic group G contains a surface subgroup. We consider the case where G is the double of a free group F along the cyclic subgroup generated by an element w in F , and give various conditions on w under which Gromov's question has an affirmative answer. (Received September 09, 2008)