



Rudimentary Treatise on Well-Digging, Boring, and Pump-Work (Paperback)

By John George Swindell

Theclassics.Us, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1854 edition. Excerpt: .the water, from their extreme mobility, would transmit this in all directions; the extra pressure per square inch being divided equally throughout the mass, would re-act against the total atmospheric pressure, causing the latter to yield; the general level of the water will rise from the additional quantity running in, and this will continue until there is an equilibrium of pressure per square inch between the water in the pipe, pressing on the surface of the water in the well, and the pressure of the atmosphere. A comparison of the relative weights of water and air would appear to warrant our placing the sucker of a pump at a greater height above the surface of the water in the well than is usually adopted in practice; but the imperfections of the different parts of the machinery do not admit of its ever being carried...



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