



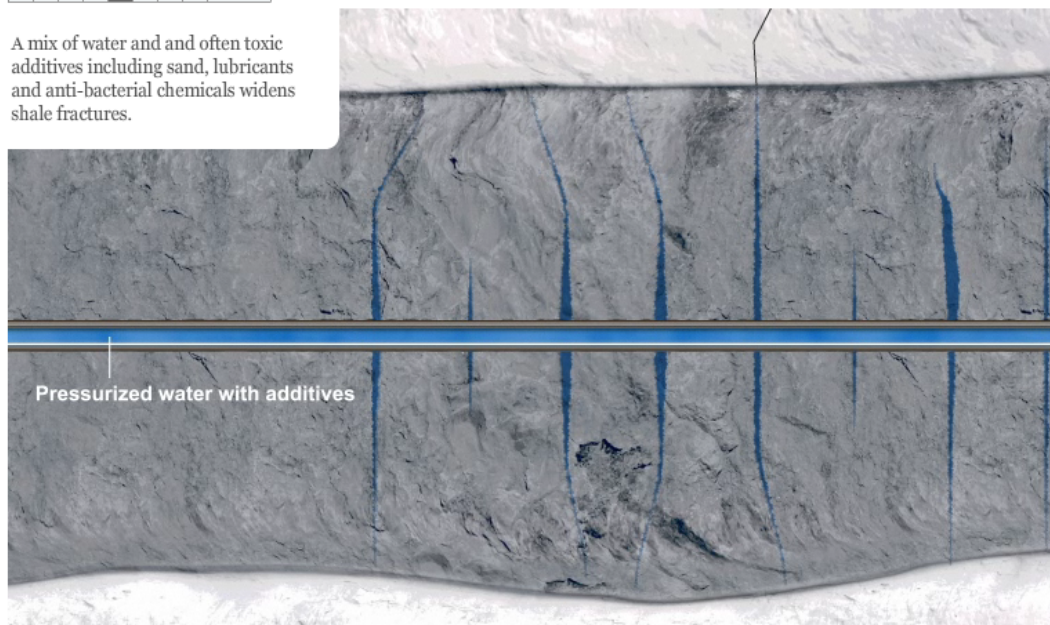
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Extracting Natural Gas From Rock

A look at the process and hazards of hydraulic fracturing.

1 2 3 4 5 6 7 8 NEXT ▶

A mix of water and often toxic additives including sand, lubricants and anti-bacterial chemicals widens shale fractures.



Problems

Thousands of vertical joints in rock strata may connect, allowing drilling fluids to seep toward the surface.

GRAHAM ROBERTS, MIKA GRÖNDAHL and BILL MARSH/THE NEW YORK TIMES | [Send Feedback](#)

Sources: Dr. Anthony R. Ingraffea, Cornell University; gas industry publications

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