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Zolfaghari, A; Dehghanpour, H; Noel, M; Bearinger, D. (2016). Laboratory and field analysis of flowback water from gas shales. J Unconven Oil Gas Resour 14: 113-127. http://dx.doi.org/10.1016/j.juogr.2016.03.004 Front cover (top): Illustrations of activities in the hydraulic fracturing water cycle. From left to right: Water Acquisition, Chemical Mixing, Well Injection, Produced Water Handling, and Wastewater Disposal and Reuse.

Front cover (bottom): Aerial photographs of hydraulic fracturing activities.

Left: Near Williston, North Dakota. Image ©J Henry Fair / Flights provided by LightHawk.

Right: Springville Township, Pennsylvania. Image ©J Henry Fair / Flights provided by LightHawk.

Back cover: Top left: DOE/NETL. All other images courtesy of the U.S. EPA.





United States Environmental Protection Agency

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