



**PDHonline Course C746 (8 PDH)**

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# **Hydraulic Fracturing - A Comprehensive & Balanced Review**

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# Hydraulic Fracturing - A Comprehensive & Balanced Review

*H. Wayne Harper, P.E.*

## Course Content

The course content is contained in a PDF file entitled, “Hydraulic Fracturing – A Comprehensive and Balanced Review”. You will need to open or download this document to study this course. An abbreviated document outline for the course material is provided below:

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- Executive Summary
- “Current” Hydraulic Fracturing Practices
  - Favorable Documentation
    - Shale Gas – Applying Technology to Solve America’s Energy Challenge by the United States Department of Energy, and National Energy Technology Laboratory
    - Hydraulic Fracturing: How It Works by FracFocus, Ground Water Protection Council, and the Interstate Oil and Gas Commission
    - “Truthland” An Energy Industry Documentary Response to the “Gasland” Movie by the Independent Petroleum Association of America, and Energy-in-Depth
    - Colorado Oil and Gas Conservation Commission Response to the “Gasland Movie” by the Colorado Oil and Gas Conservation Commission
  - Neutral Documentation
    - Hydraulic Fracturing by Wikipedia
    - Study of the Potential Impacts of Hydraulic Fracturing on Drinking Water Resources by the United States Environmental Protection Agency
  - Non-Favorable Documentation
    - Environmental Impacts of Hydraulic Fracturing by Earthworks
    - The Oil and Gas Industry’s Exclusions and Exemptions to Major Environmental Statutes by Earthworks, and the Oil & Gas Accountability Project
    - “Gasland” I & II – The Movies by Gasland webpage
    - Fracking – Gas Drilling’s Environmental Threat by ProPublica
- “Future” Hydraulic Fracturing Practices – Waterless
  - A New Way of Fracking by Science and Technology magazine