Regulating Hydraulic Fracturing in California

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• Oil and Gas Production
  Geology- Oil and Gas Formations
• State’s Role in Oversight
• Hydraulic Fracturing
• Regulatory Path Forward
Horizontal Well Completion
Managing California's Working Lands

Department of Conservation

Oil Field Cross Section

- Production Sandstone Formation
- Non-Productive Formation
- Faults
Typical Well Casing
(not to scale)
Typical Well Casing with Packer and Fracking (not to scale)
Managing California’s Working Lands

Department of Conservation

Typical Hydraulic Fracturing Operation (Not to Scale)

20' - 1500' Fresh Water

Sealing Cap Rock

Target Formation

2,000' - 10,000' feet
(Typical Hydraulic Fracking Depth)

Aquifer

Dirt

Soil

Cement

Conductive Casing

Concrete Surface Casing

Drilling Mud

Intermediate Casing

Wellhead

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fracfocus.org
• Definitions
• Well Construction Details
• Fracturing Details
• Reporting
• Timing

Send your comments to: comments@conservation.ca.gov

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