

Department of Conservation

Regulating Hydraulic Fracturing in California

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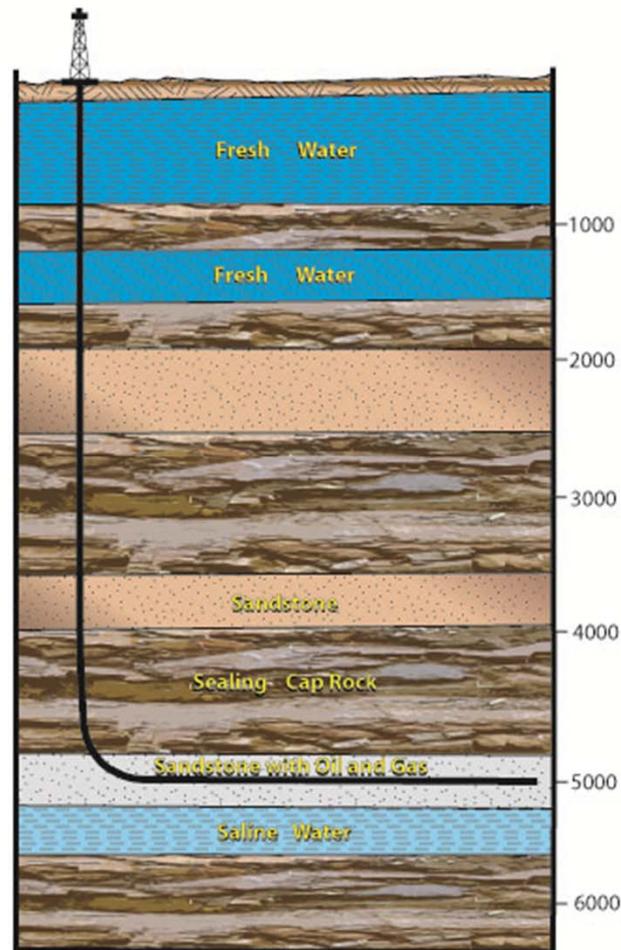


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- **Oil and Gas Production**
Geology- Oil and Gas Formations
- **State's Role in Oversight**
- **Hydraulic Fracturing**
- **Regulatory Path Forward**

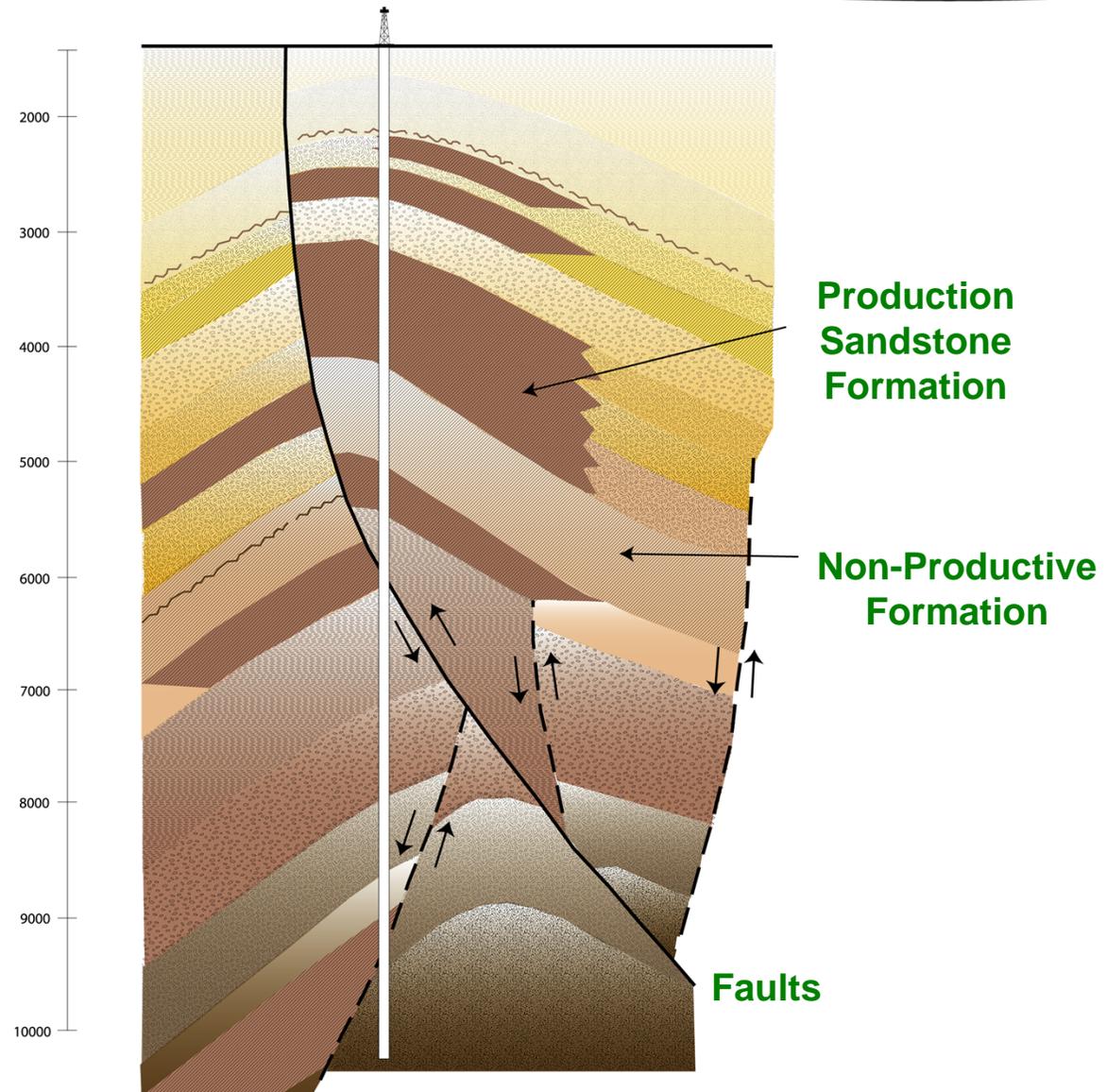
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Horizontal Well Completion



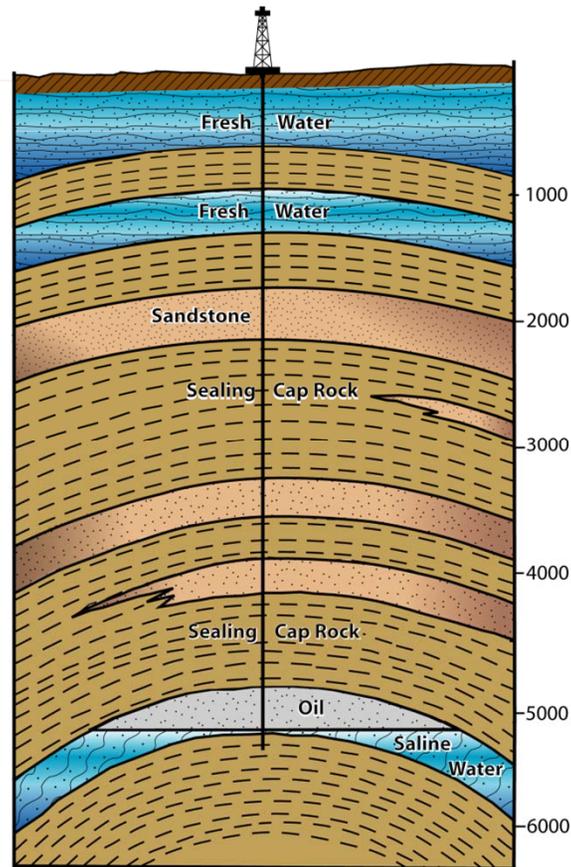
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Oil Field Cross Section



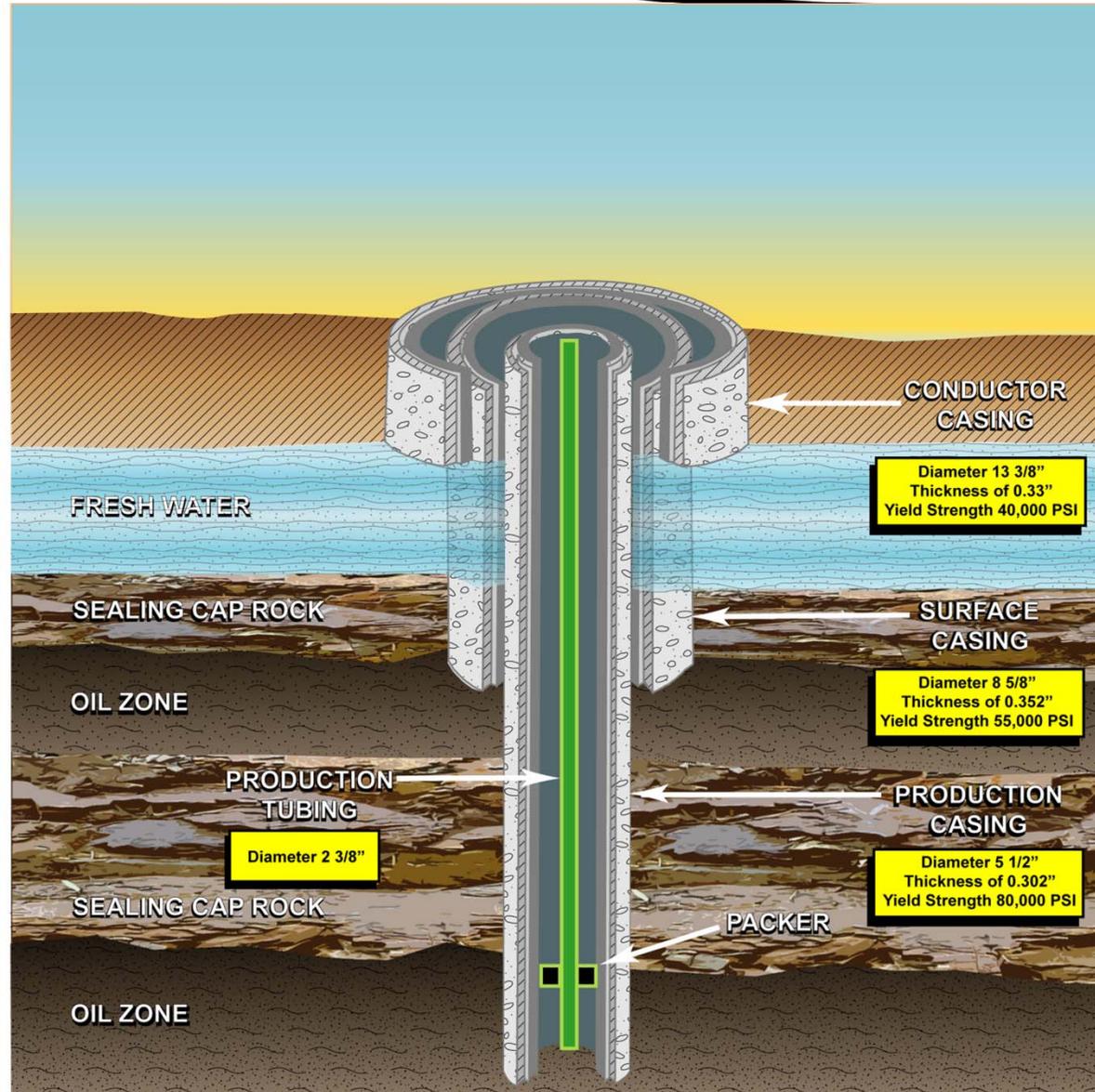
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Simplified Geology of Conventional Oil and Gas



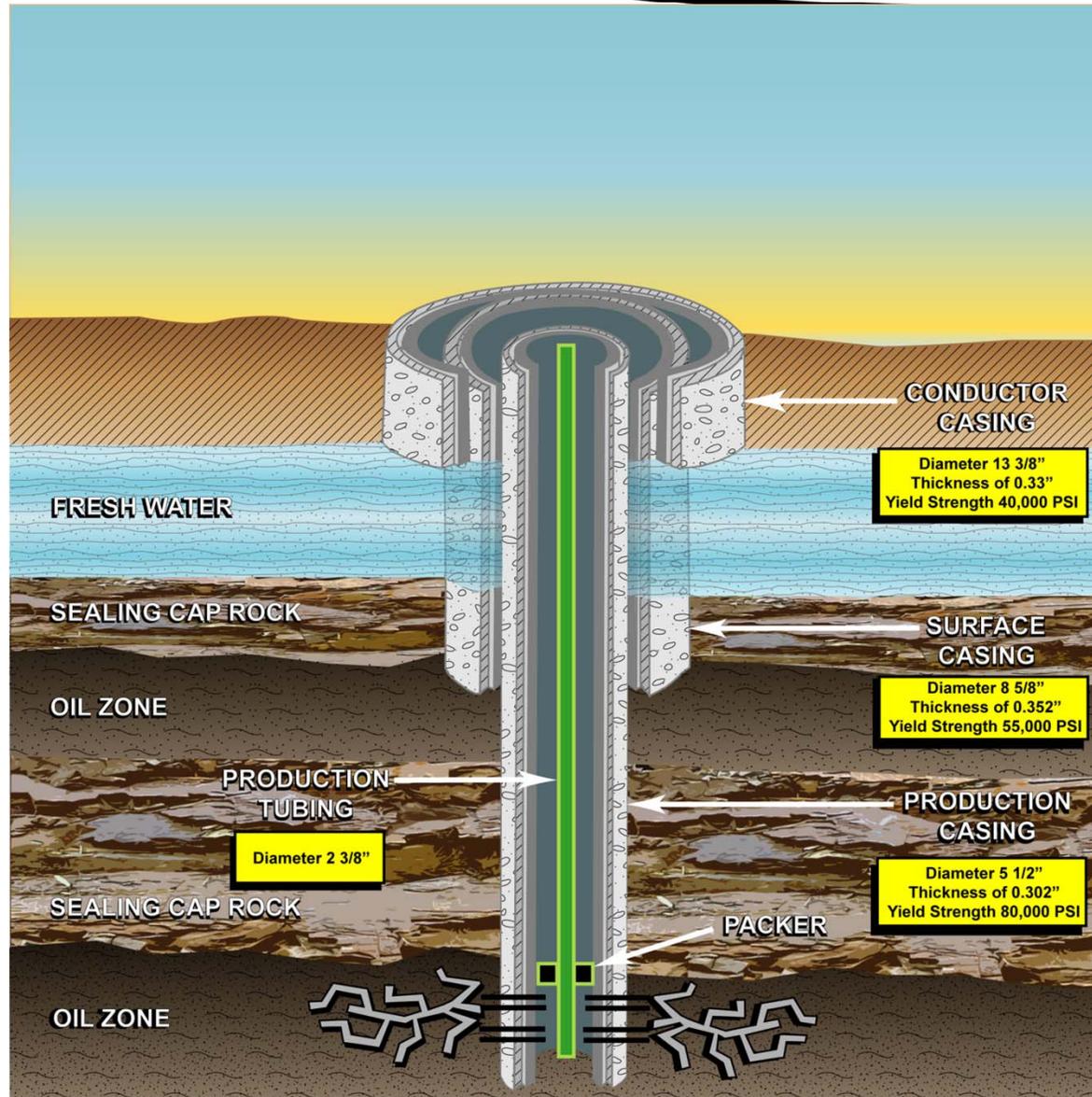
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Typical Well Casing (not to scale)



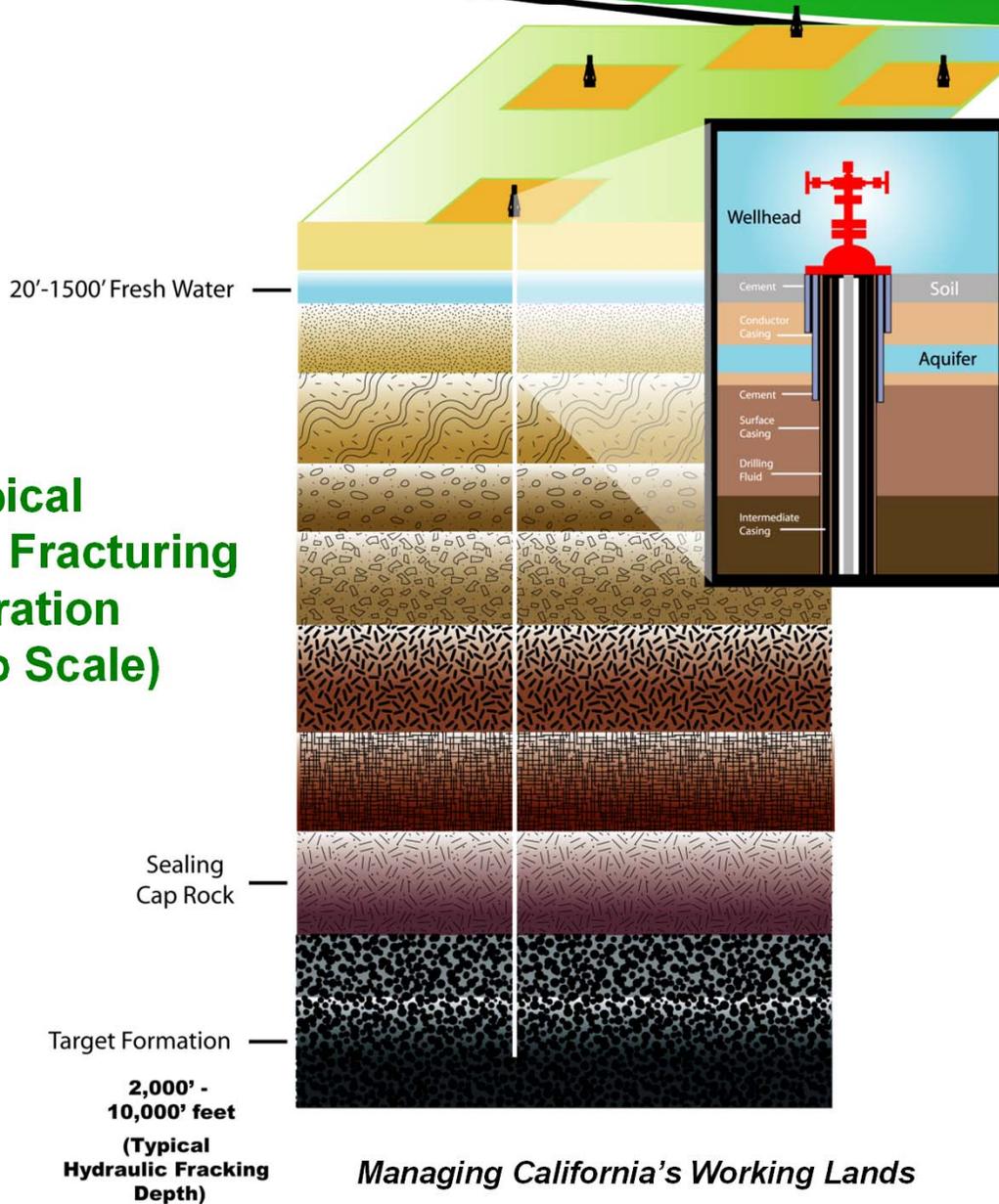
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Typical Well Casing with Packer and Fracking (not to scale)



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Typical Hydraulic Fracturing Operation (Not to Scale)



Managing California's Working Lands

Department of Conservation

The screenshot shows the homepage of the Frac Focus Chemical Disclosure Registry. At the top, there is a navigation menu with links for HYDRAULIC FRACTURING, GROUNDWATER, CHEMICAL, REGULATIONS, FIND A WELL, and FREQUENT. The main content area features a large 'WELCOME' heading, a 'LEARN MORE' button, and a 'Looking for information about a well site near you?' section with a 'FIND A WELL' button and a map of California. Below this, there is an 'FAQs' section with a question and answer about becoming a participating company. At the bottom, there is a section titled 'Is groundwater protected?' with a sub-heading 'Groundwater Protection: Priority Number One' and a brief description of the requirements for fresh water aquifers.



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Managing California's Working Lands

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- **Definitions**
- **Well Construction Details**
- **Fracturing Details**
- **Reporting**
- **Timing**



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