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Regulating Hydraulic Fracturing in California

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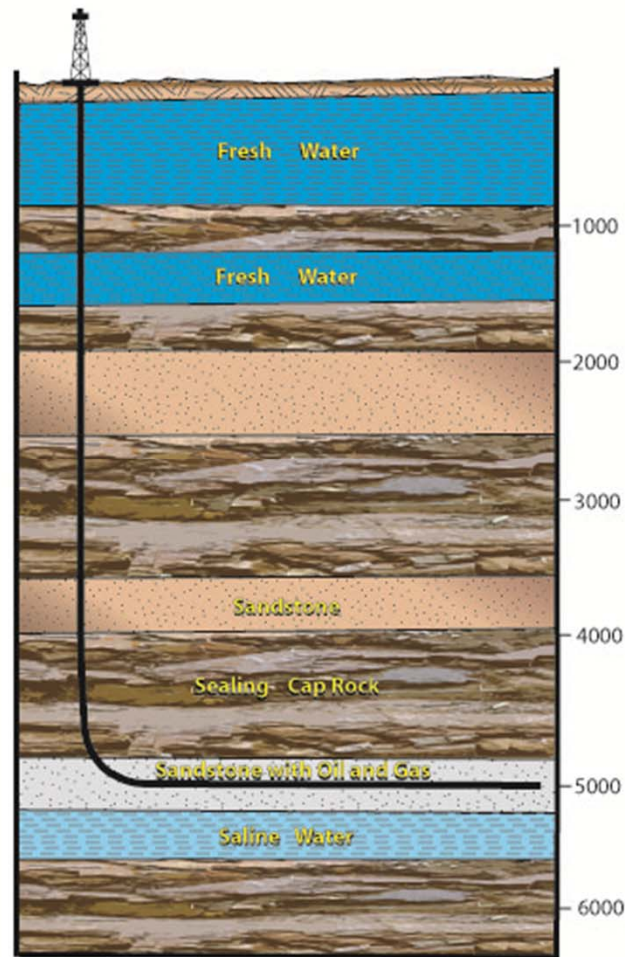


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- **Oil and Gas Production**
Geology- Oil and Gas Formations
- **State's Role in Oversight**
- **Hydraulic Fracturing**
- **Regulatory Path Forward**

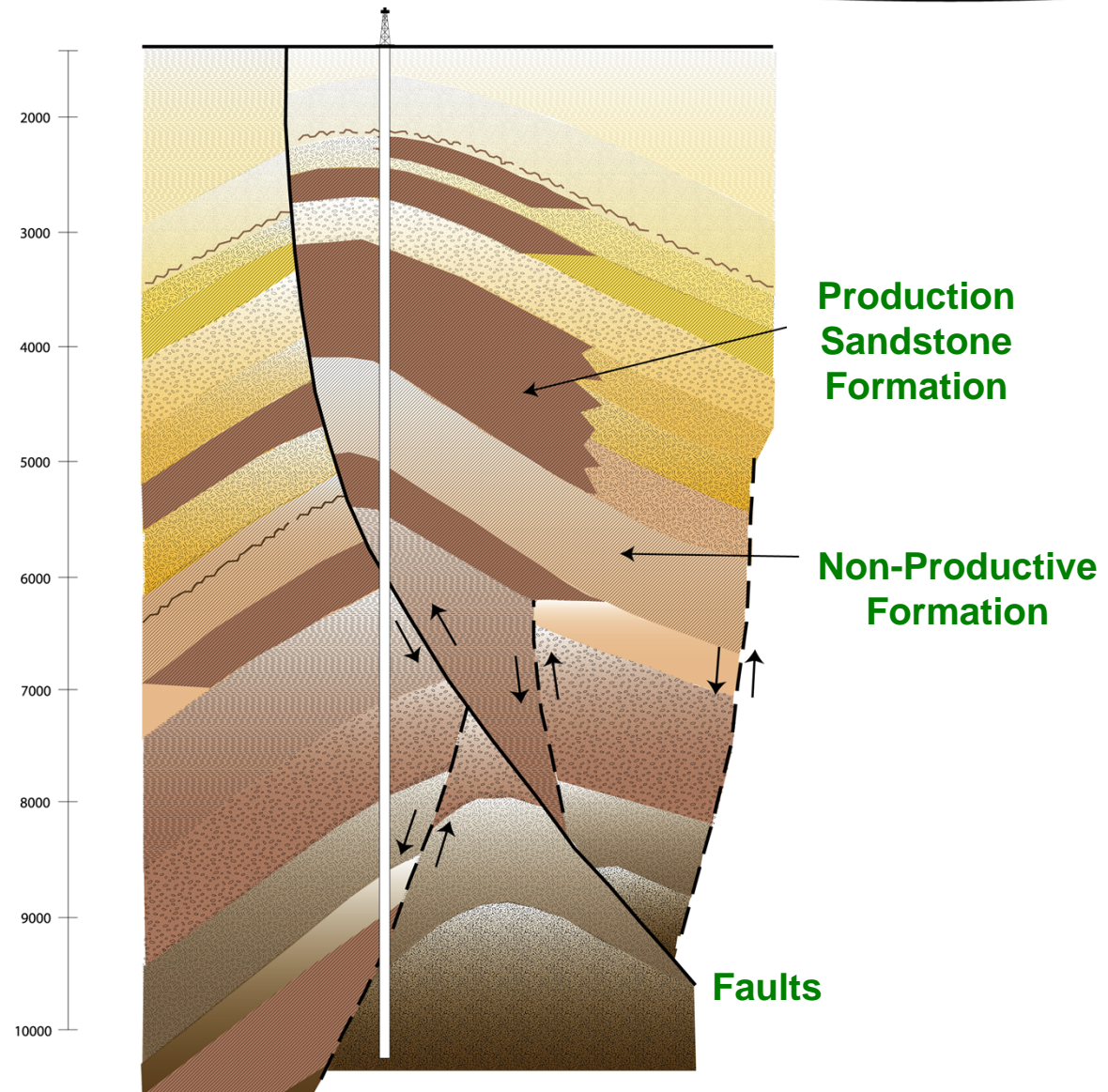
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Horizontal Well Completion



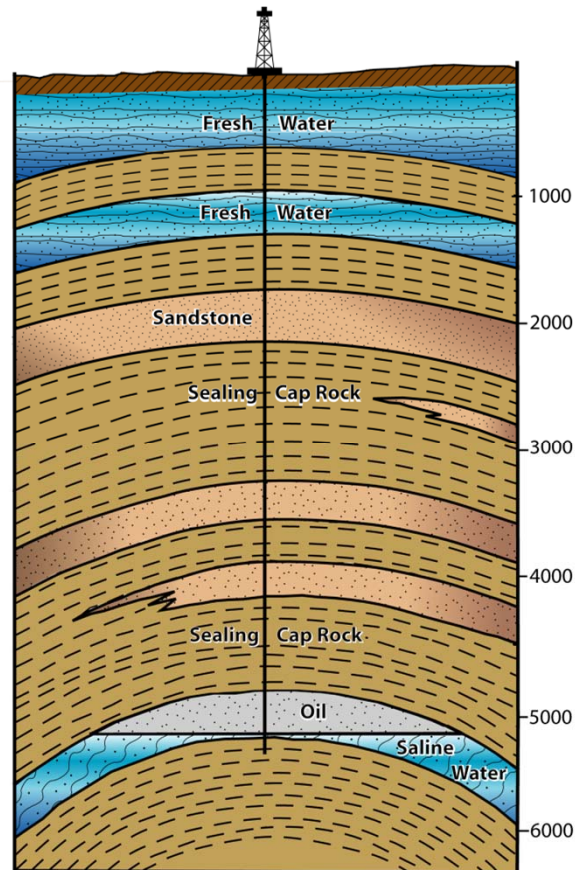
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Oil Field Cross Section



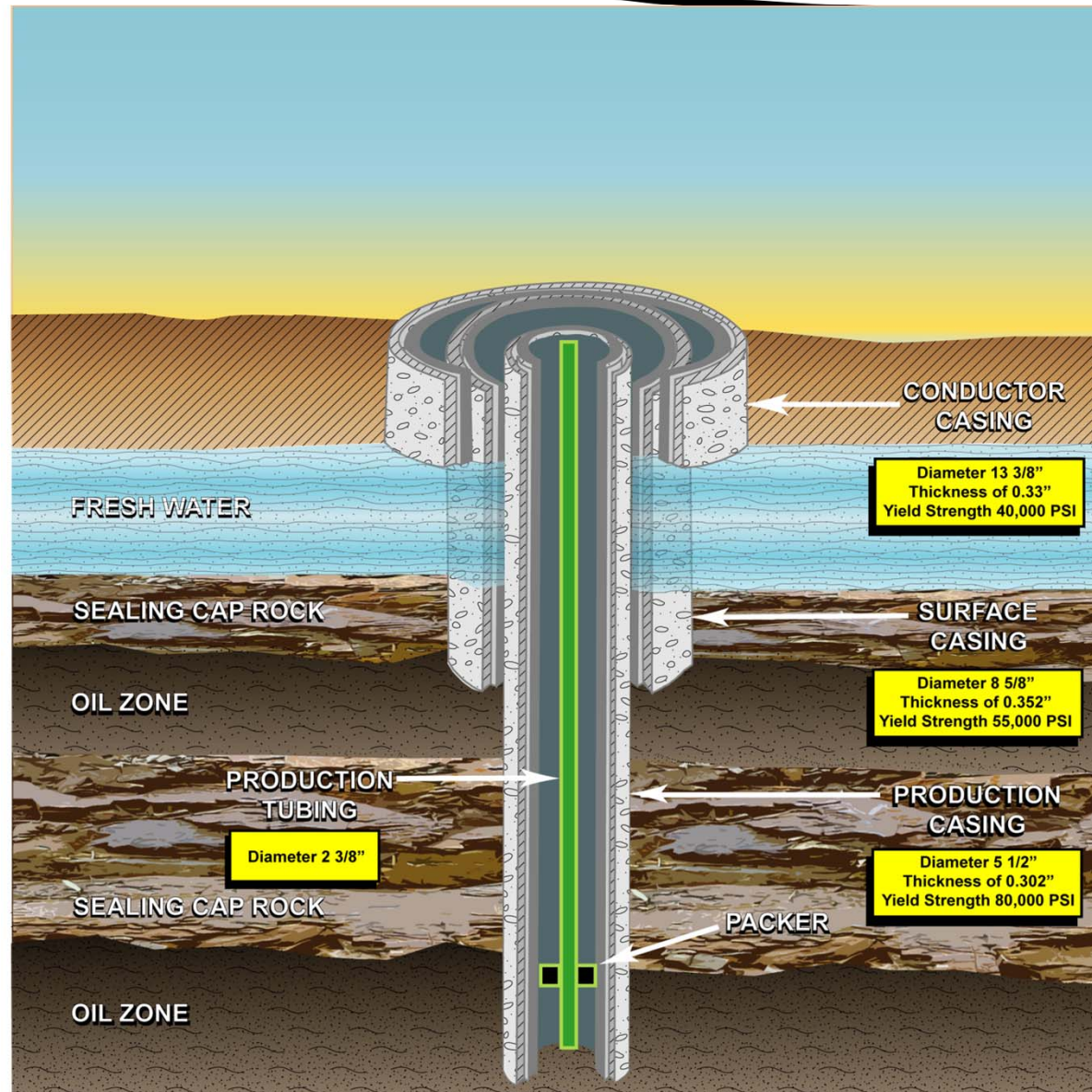
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Simplified Geology of Conventional Oil and Gas



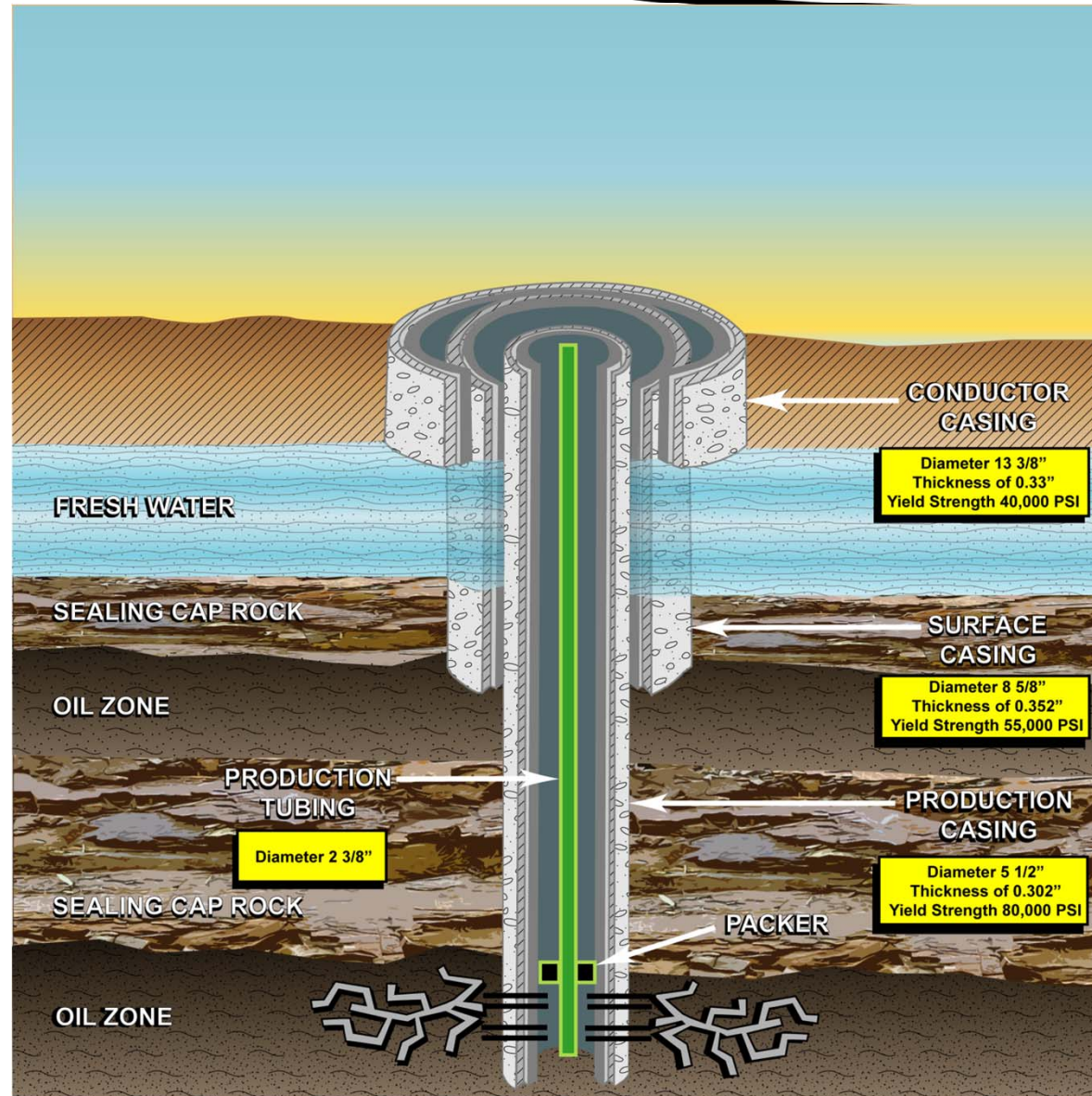
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Typical
Well Casing
(not to scale)



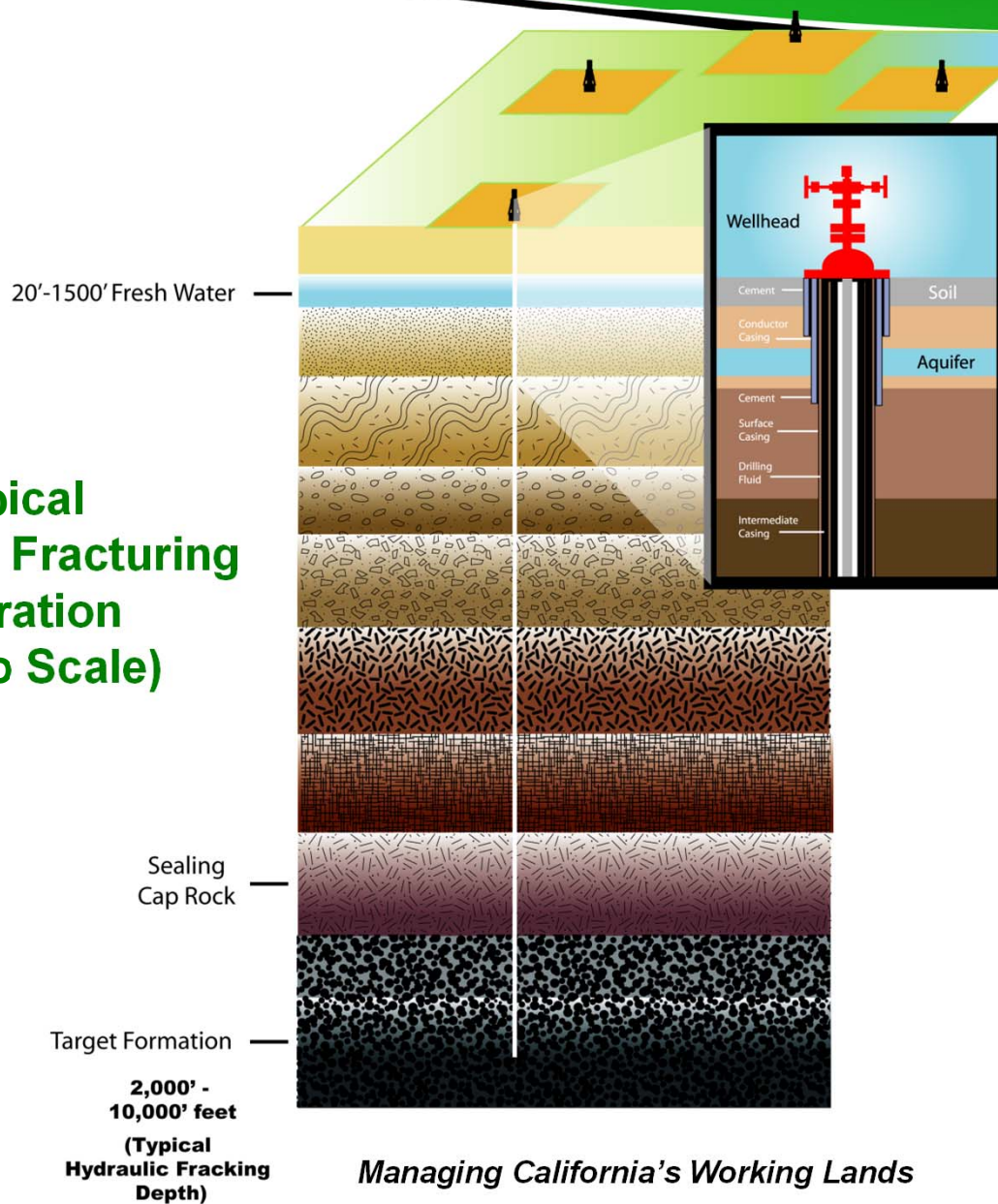
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Typical
Well Casing
with Packer and
Fracking
(not to scale)



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Typical Hydraulic Fracturing Operation (Not to Scale)



Managing California's Working Lands

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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