

So, You Want to Drill Your Own Oil Well – An Oil and Gas Drilling Primer

**The 49th Ernest E. Smith Oil, Gas and Mineral Law
Institute**

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Agenda

- Geology
- Drilling
- Bringing Oil, Gas and Water to the Surface
- Selling the Oil and Gas, Disposing the Water
- Interspersed with the Types of Agreements Needed
- Assumptions
 - Onshore
 - Oil and Gas Well
 - Vertical Well
 - Privately-owned minerals
 - Basic Material (for those already in the industry)

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**Grateful Acknowledgment to
Mr. Berry Simpson
for his generosity in sharing
his slides**

Additional Source:

Van Dyke, Kate - *Fundamentals of Petroleum*,
Fourth Edition, 1997

Petroleum Extension Service
Division of Continuing Education
The University of Texas at Austin
Austin, TX

So You Want to Drill a Well?

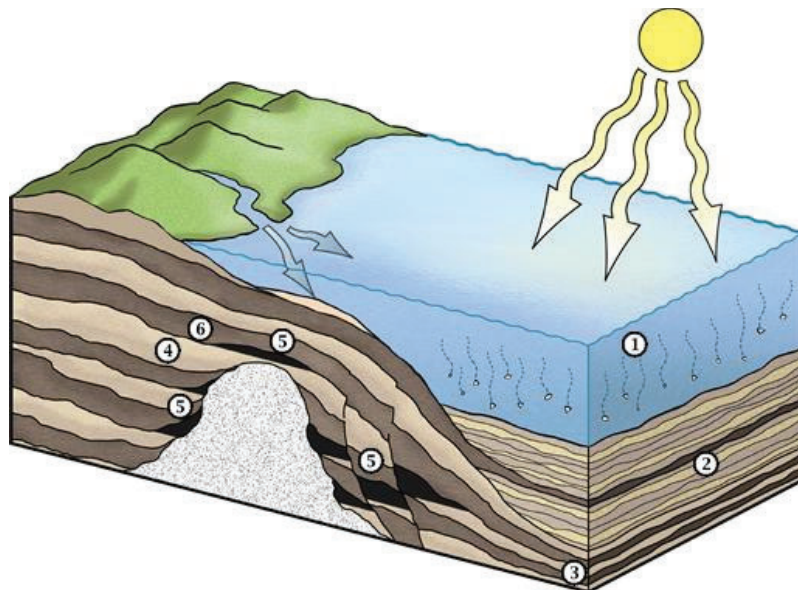
- Where?
- How Deep?
- Geologist will tell you

What Geologists Do

- Collect Data
 - Seismic, Logs, Core Samples, etc.
- Map the Underground
- Study the Maps
 - Likely oil and gas-bearing formations
 - Seals and Traps

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Oil and Gas-Bearing Formations



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[2023 Fundamentals of Oil, Gas and Mineral Law eConference](#)

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