Primer: The Law, Science and Finance of International Energy Projects Part 3: Petroleum Engineering: Conventional Hydrocarbons

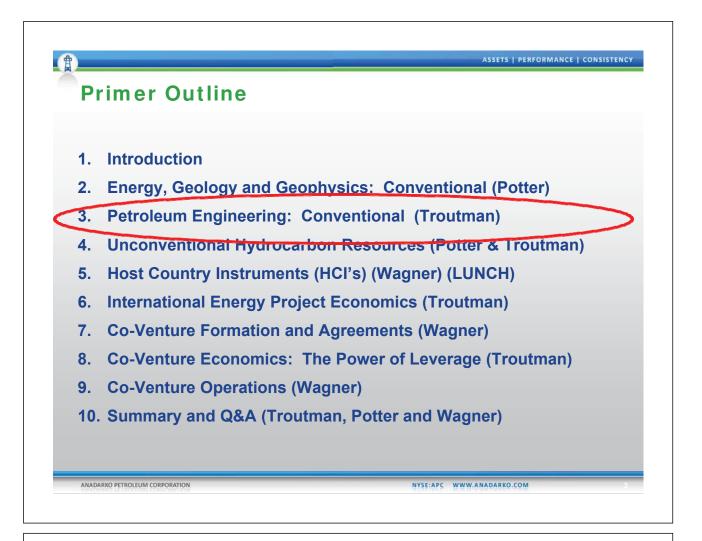
> 2015 International Upstream Energy Transactions Conference June 10, 2015 Houston TX

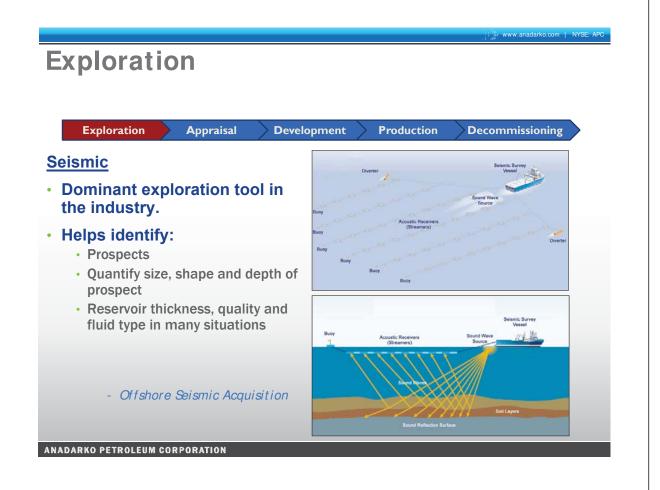
Keith Troutman, Engineering Manager Anadarko Petroleum Corporation

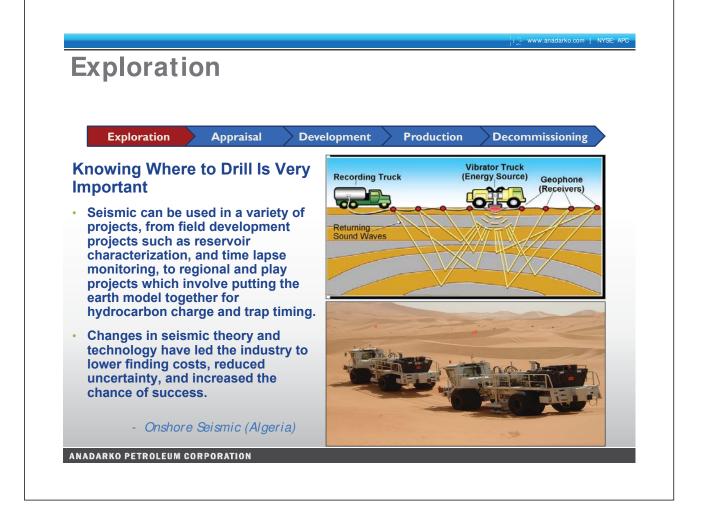
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Exploration

Why spend money on seismic?

- Some large seismic projects can cost \$50-75 million
- Some wells can cost \$75-100
 million
- In some case the prospect chance of success can be increased from around 10% to 30%
- Multiple wells can be drilled from the data in one seismic project.

If you drill without 3D Seismic ...

 9 out of 10 wells are dry holes or more than \$675 million in potential dry hole costs

If you drill with 3D Seismic ...

 7 out of 10 wells are dry holes or around \$525 million in potential dry hole costs

The difference is more than the cost of a well in some cases

Very few wells are drilled without 3D seismic anymore!

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Title search: Petroleum Engineering: Conventional Hydrocarbons

Also available as part of the eCourse

International Energy Projects Primer, Part I: Project Lifecycle, Conventional Resources and Hydrocarbons, plus Unconventional Hydrocarbon Resources

First appeared as part of the conference materials for the 2015 Primer: The Law, Science and Finance of International Energy Projects session "Petroleum Engineering: Conventional Hydrocarbons"