



U.S. DEPARTMENT OF  
**ENERGY**

Oil and  
Natural Gas



# Technology Needs Identified from the Deepwater Horizon

Presentation to  
**Forum on Next Generation BOP and  
Control Systems Technology,  
Management and Regulations**

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22 May 2012



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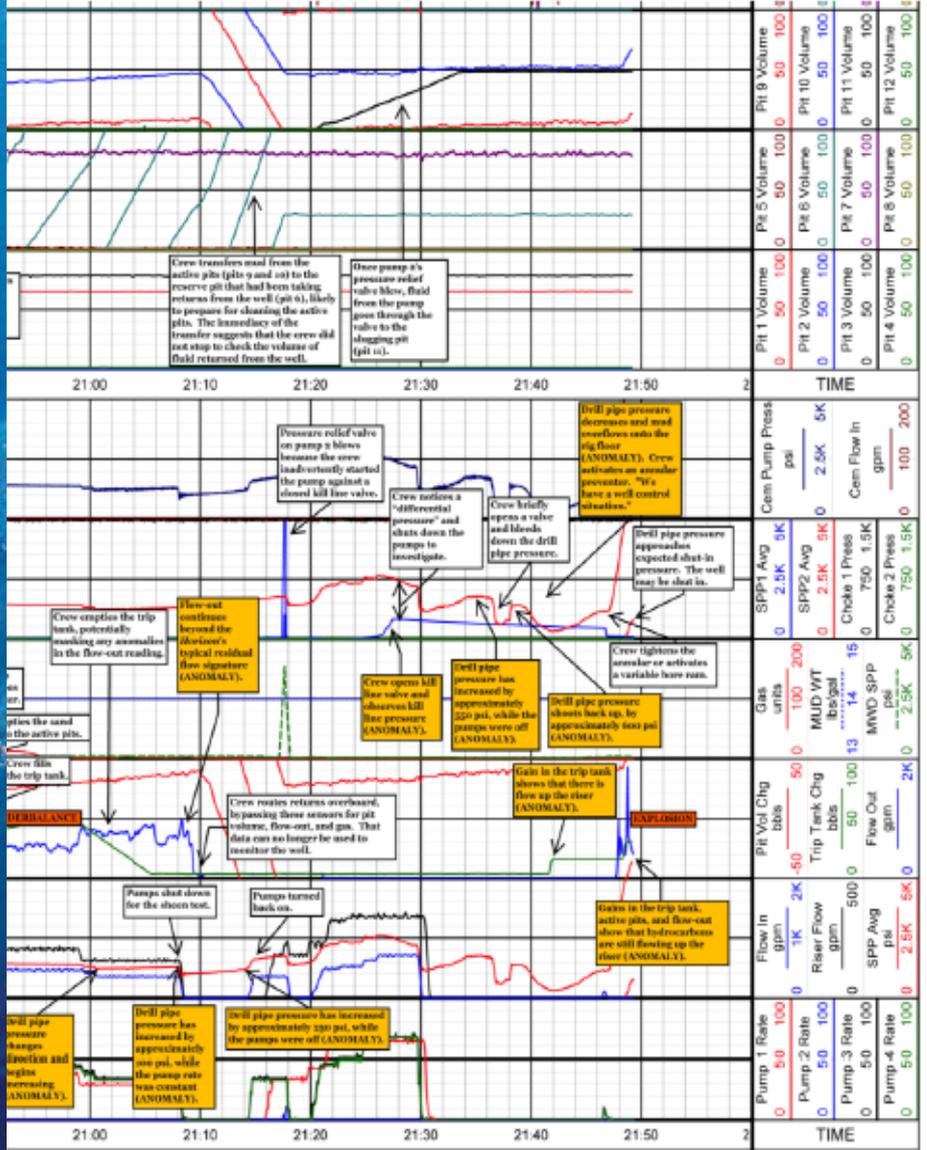
*Dewey Revette*

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# A string of challenges and questionable decisions...

Oil and Natural Gas





## DOE Research

- Collaborate with BSEE on selection of research topics
- Refocus research on safety and environmental issues
- Topics
  - High resolution imaging
  - Instrumented BOP Rams
  - Metals and materials integrity
  - Risk analyses



## Ocean Energy Safety Committee





*I continue to believe that domestic oil production is an important part of our overall strategy for energy security, but I've always said it must be done responsibly for the safety of our workers and our environment*

**PRESIDENT OBAMA, APRIL 30, 2010**

*When I was elected to this office, America imported 11 million barrels of oil a day. By a little more than a decade from now, we will have cut that by one-third. That is something that we can achieve.*

**PRESIDENT OBAMA, March 30, 2011**



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