SLIDES: The EFD Program: Addressing Environmental Issues and Increasing Environmental Awareness

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The EFD Program

Addressing Environmental Issues and Increasing Environmental Awareness

June 6, 2014
Discussion

The EFD Program

The Process

The Issues
EFD Program

A collaborative effort

Industry
Academia
Government
Environmental Organizations

Team Formed in 2005

Mission
Provide unbiased science to identify, develop and transfer critical, cost effective technologies that provide policy makers and industry with ability to develop reserves safely and environmentally friendly.

What We Do
Produce Enabling Data, Best Practices and Information to operators, regulators and stakeholders.
EFD Field Trials

Sites Provided by:
- Chevron
- Range Resources
- Escondido Resources
- BG Exco
- Pioneer Natural Resources
- Global Industrial Water
- Nitro Lift Technology
- Others

- Eagle Ford Characterization
- Water Resource Management
- Drilling and Completion
- Wildlife/Bio-Environment Mitigation
- Community Issues
- Air Quality/Emissions
- Complementary Research
  - Land Use Site Selection Information Technology
  - Oil and Gas Best Management Practices
  - Public Health
Problem Identification

Perform Research

Transfer Technology

Someone has to make money.
Someone has to save money.
**Issues**

**Funding**
- US Department of Energy – Cost share
  - 80/20 for Research
  - 50/50 for Field Trials
- Other Government Agencies
- Industry
- Environmental NGO’s
- Foundations

**Sharing**
- Trade Secrets
- Intellectual Property

**Team**
- Who?
- Why?
- Where?
- How?
- Can they get along?

**Problem Identification**

**Perform Research**

**Field Trials**
- NEPA
- Trust

**Communication**
- Who gets credit?
- Staying focused
- Trust
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