

HALLIBURTON

IADC Meeting – Cementing Current Training & Future Needs

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Objective

- Review of cementing workshops presently available to the O & G Industry.
 - External Schools / Workshops offered
 - Internal Schools
 - Video Training for Rig Personnel
 - What else is needed?

Gulfcoast Fluids Lab – Broussard, La.



Customer Cementing Workshop

- Cement and additives Overview
- Cement Design Exercises
- Hands on Laboratory Testing
- Drilling Fluids Overview
- Best Practices
 - Primary Cementing - Mud Displacement
 - Plug Cementing
- Deepwater Cementing
- Casing Equipment
- Squeeze Cementing Techniques
- Squeeze Cementing Tools (Retrievable & Drillable)
- Lost Circulation Control Strategies



Customer Cementing School

- Held on quarterly basis for Gulfcoast Operations
- 2.5 day class time required
- Majors to Independent Companies attend
- Estimate more than 200 have completed school
- 2011 dates being confirmed
- Geared toward Drilling & Completion Staff
- Also available through South Texas Operations

External Cementing Schools offered to Industry

- PetroSkills (4 – 5 day school)
 - Basic & Advanced
- Chevron Drilling Training Alliance
- Petroleum Extension Service (Petex)

Internal Training Programs – Skid Simulator



Developing Operator Competency

What is needed for the future?

- Video safety Training for the Rig (Cementing)
- JSA development between rig & contractor
- Contact at george.fuller@halliburton.com

