

Carbon Capture and Sequestration (CCS) Technical Discussion Series: Well Mechanical Integrity

California Air Resources Board

Sacramento, California

May 12, 2016



Introduction

- Logistics: Facilities and emergency information.
- ARB staff and participant introductions
- Background on technical discussions
- Purpose of well mechanical integrity discussion



Agenda

- Opening remarks - ARB staff, Sara King
- Stakeholder presentations
 - Jason Laumb, University of South Dakota.
Topic: Risk and criteria for legacy wells and tools for well integrity.
 - Andrew Duguid, Battelle Institute.
Topic: Well design, failure, and cement concerns.
 - William Carey , Los Alamos National Lab.
Topic: Cement degradation.
 - Scott Hornafius, Elk Petroleum.
Topic: Construction standards and their effectiveness.



Agenda (continued)

- Amy Townsend-Small, University of Cincinnati, and Tom Ferrara, GDF Services.
Topic: Abandoned well emission study.
- Briana Mordick, Natural Resources Defense Council.
Topic: UIC/Class II well integrity, difference between EOR and Saline integrity
- Neil Wildgust, Global CCS Institute.
Topic: EOR legacy well concerns, Weyburn project.
- Katherine Romanak, University of Texas at Austin.
Topic: Groundwater & soil impacts above CO₂ injection fields.



ARB CCS website and list serve

- <http://www.arb.ca.gov/cc/ccs/ccs.htm>
- List Serve:
http://www.arb.ca.gov/listserv/listserv_ind.php?listname=ccs



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