

Workshop on Well Integrity for Natural Gas Storage in Depleted Reservoirs and Aquifers

July 12-13, 2016
Denver, CO
esd.lbl.gov/wellintegrity/

Organizing committee:

Barry Freifeld and Curt Oldenburg, LBNL

Scott Perfect and Joe Morris, LLNL

Douglas Blankenship, Ronald Dykhuizen and Stephen Bauer, SNL

DOE, NETL, *Interagency Task Force on Natural Gas Storage Safety*



Background

- In October 2015, a leak developed at the Aliso Canyon Natural Gas Storage Facility that released large amounts of methane, impacted thousands of local residents, and took more than four months to seal.
- An interagency task force on Natural Gas Storage Safety coordinated by the DOE is being assembled to review the circumstances surrounding the incident. The overarching objective of the review is to gather, analyze, catalogue, and disseminate information and findings that can lead to improved natural gas storage safety and security and thus reduce the risk of future events.

Agenda

Speakers are invited to present on these topic areas:

- Risk and subsurface integrity management of gas storage fields
- Case studies relating to construction/design and operation/maintenance of gas storage wells
- Regulatory requirements and regulatory oversight activities
- Best practices
- Advanced Technologies for assessing well integrity
- Modeling and simulation of accident management processes
- Other topic areas directly related to managing risks associated with subsurface reservoir gas storage

Panel discussions will be led by experts in the following areas:

- Best practices for managing risks associated with well integrity
- Regulations for ensuring safe gas storage operations – do we have necessary and sufficient rules in place?

Workshop on Well Integrity for Natural Gas Storage in Depleted Reservoirs and Aquifers

July 12-13, 2016

Denver, CO

esd.lbl.gov/wellintegrity/

Organizing committee:

Barry Freifeld and Curt Oldenburg, LBNL

Scott Perfect and Joe Morris, LLNL

Douglas Blankenship, Ronald Dykhuizen and Stephen Bauer, SNL

DOE, DOC, *Interagency Task Force on Natural Gas Storage Safety*