

Workshop on

# ENVIRONMENTAL LEGACIES AND WATER CONSIDERATIONS

RELATED TO OIL AND GAS PRODUCTION

The National  
Academies of

SCIENCES  
ENGINEERING  
MEDICINE

MAY 14, 2019 | AUDITORIUM

Petroleum Museum, Midland, TX

## AGENDA

8:30 AM Doors Open / Registration

Continental Breakfast Available

9:30 AM Welcome, Introductions, and Objectives

**David Dzombak and  
Wendy Harrison**  
Roundtable co-chairs  
Carnegie Mellon University and  
Colorado School of Mines

### ENVIRONMENTAL LEGACIES

Moderated by: Marilu Hastings  
The Cynthia and George Mitchell Foundation

9:45 AM Environmental Legacy Video

9:55 AM Keynote: "Environmental Legacy Issues"

**Danny Reible**  
Texas Tech University

10:15 AM Environmental Legacy Panel

- Site planning (pre-development)
- Site restoration related to wells and surrounding environment
- Surface disturbances and considerations
- Challenge of orphaned/abandoned wells
- Evolution of regulation and bonding

**Melinda Taylor**  
University of Texas

**Joseph Fitzsimons**  
Uhl, Fitzsimons, Jewett, Burton  
& Wolff, PLLC

**Bo Vizcaino**  
Texas Railroad Commission

**Brian Bohm**  
Apache Corporation

11:30 AM MUSEUM BREAK—Chance to tour museum

12:00 PM LUNCH

### WATER SOURCING AND PRODUCED WATER MANAGEMENT

Moderated by: Wendy Harrison  
Colorado School of Mines

1:00 PM Produced Water Video

1:10 PM Keynote: "Produced Water"

**Bridget Scanlon**  
Bureau of Economic Geology

1:30 PM	<b>Produced Water Panel</b> <ul style="list-style-type: none"><li>• Water sources</li><li>• Produced water quality and quantity</li><li>• Produced water management including treatment technologies, disposal well capacity, potential beneficial uses, induced seismicity</li></ul>	<b>Nichole Saunders</b> <i>Environmental Defense Fund</i>  <b>Rick McCurdy</b> <i>Chesapeake Energy Corporation</i>  <b>Robert Bruant</b> <i>B3</i>  <b>Aaron Velasco</b> <i>University of Texas El Paso/Texas Railroad Commission</i>
3:00 PM	BREAK	
PLENARY SESSION		
3:15 PM	Plenary Discussion with Q&A	Moderators from Roundtable
3:55 PM	Closing remarks	David Dzombak, Wendy Harrison

4:00-5:00 PM

RECEPTION