

KEITH B. HALL

Paul M. Hebert Law Center
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Current Position

PAUL M. HEBERT LAW CENTER, LOUISIANA STATE UNIVERSITY

July 2012 to date

Director of LSU's John P. Laborde Energy Law Center

Director of the Mineral Law Institute

Nesser Family Chair in Energy Law

Primary Responsibilities as Director of John P. Laborde Energy Law Center:

- Organize and promote programs for Energy Law Center, including conferences, guest lectures, student internships, and student travel to energy law conferences
- Secure grants to support student travel to energy law conferences
- Organize student field trips to energy industry facilities
- Serve as faculty advisor to LSU Journal of Energy Law & Resources

Primary Responsibilities as Director of the Mineral Law Institute:

- Organize the two-day Annual Mineral Law Institute
- Oversee publication of Mineral Law Institute newsletter and Proceedings of the Annual Mineral Law Institute

Courses Taught:

- Mineral Rights
- Civil Law Property
- Energy Law & Regulation
- Advanced Mineral Law
- International Petroleum Transactions
- Energy Law (seminar on environmental issues relating to oil and gas industry)

Other Teaching

University of Pittsburgh School of Law, Pittsburgh, Pennsylvania, U.S.A., *Visiting Professor*, taught "International Energy Transactions" and "Energy & the Environment," Spring 2017

Baku State University Law School, Baku, Azerbaijan, *Visiting Professor*, taught "International Petroleum Transactions," Summer 2013 and Summer 2014

Loyola University School of Law, New Orleans, Louisiana, U.S.A., *Adjunct Professor*, taught "Introduction to Mineral Law" (each Spring semester from 2008 to 2012)

Related Work

Serving as legal consultant, expert witness, and arbitrator in oil and gas disputes and transactions in numerous states, including: Louisiana, Texas, New Mexico, North Dakota, Pennsylvania, and West Virginia

**Practice
Experience**

STONE PIGMAN WALTHER WITTMANN L.L.C., New Orleans, Louisiana
Associate, 1996 – 2002
Member, 2003 – June 2012
 * Co-Chair of firm’s Energy and Environment practice group
 * Author of the firm’s blog, the *Oil & Gas Law Brief*
 * Practice areas: oil & gas law, environmental law, commercial litigation

Education

LOYOLA UNIVERSITY SCHOOL OF LAW, New Orleans, Louisiana
J.D., May 1996
 Class Rank: 1/188, GPA: 3.875, *summa cum laude*

- *Loyola Law Review*, Managing Editor
- Moot Court, Member

LOUISIANA STATE UNIVERSITY, Baton Rouge, Louisiana
B.S., Chemical Engineering, May 1985
 Class Rank: Top 5%, GPA: 3.63

**Other
Professional
Experience**

Worked for eight years as a chemical engineer, including four years as a process design engineer at Ethyl Corporation (now known as “Albemarle”) in Baton Rouge, two years at Barnard & Burk Engineers, and two years at Placid Refining Company.

**Professional and
Civic Activities**

- Louisiana Senate’s Ad Hoc Committee on Risk Fee Statute
- Louisiana Department of Natural Resources Ad Hoc Committee on Carbon Capture, Utilization, and Storage
- Editor-in-Chief, Institute for Energy Law’s Oil & Gas E-Report (2018 to date)
- Oil & Gas Reporter, Board of Editors (2013 to 2017)
- Rocky Mountain Mineral Law Foundation, Board of Directors (2020 to date), Trustees Council (2012 to date), Program Committee (2020 to date), Special Institutes Committee (2018 to 2020), Annual Institute Oil & Gas Co-Chair (2017), Member (2008 to date)
- Energy & Mineral Law Foundation, Executive Committee (2018 to 2021), Board of Trustees (2014 to date), Chair of Education Outreach Committee (2015-16)
- Institute for Energy Law, Advisory Board (2012 to date), Executive Committee (2018 to date)
- American Bar Association Section of Environment Energy and Resources, Oil & Gas Committee, Chair (2013-2015), Vice Chair-Programs (2011-13)
- Association of International Petroleum Negotiators, Education Advisory Board (2017 to date), member (2013 to date)
- Louisiana Mineral Law Institute, Director (2012 to date), Chair (2012), Member of Advisory Council (2009-2012)
- Louisiana State Bar Association Environmental Law Section, Chair (2013-14), Member of Advisory Council (2009 to 2015)
- Louisiana Law Institute, member of Oil & Gas Risk Fee Statute Committee
- Louisiana Law Institute, member of Mineral Law Committee

**Professional and
Civic Activities**
(cont'd)

- Louisiana Law Institute, Reporter for committee studying alternative dispute resolution systems for oilfield contamination claims (committee's recommendations adopted with minor revisions by La. Legislature in 2015)
- Louisiana Law Institute, member of committee studying possible reforms relating to unsolicited offers by mail for purchase of mineral rights
- Louisiana Law Institute, Water Law Committee
- Louisiana Cross Unit Well Study Commission, member (Commission established by legislature to propose legislation; Commission's recommendation adopted by legislature in 2015)
- New Orleans Bar Association Oil & Gas Section, Co-chair (2013), Chair (2010 to 2012)
- Member, Professional Landmen's Association of New Orleans
- Registered Professional Engineer, Chemical Engineering, La. (inactive)

**Books and
Book Chapters**

INTERNATIONAL PETROLEUM LAW AND TRANSACTIONS, with Owen L. Anderson, *et al.*, (Rocky Mountain Mineral Law Foundation) (2020)

THE REGULATION OF DECOMMISSIONING, ABANDONMENT AND REUSE INITIATIVES IN THE OIL AND GAS INDUSTRY, (author of chapter on U.S. regulations and one of five editors of the book) (Wolters Kluwer 2020)

HYDRAULIC FRACTURING: A GUIDE TO ENVIRONMENTAL AND REAL PROPERTY ISSUES, co-authored with Hannah J. Wiseman (American Bar Association 2017)

THE LAW OF OIL AND GAS: CASES AND MATERIALS, co-authored with Patrick H. Martin, *et al.* (Foundation Press 10th Ed.) (2016)

"Petroleum," Chapter 1 of Volume 1 of ENERGY CHOICES: HOW TO POWER THE FUTURE (Praeger 2014)

"Discovery," Chapter 12 of LOUISIANA CIVIL PRACTICE FORMS (updated annually)

"Louisiana's Mineral Resources," Chapter 1 of LOUISIANA MINERAL LAW TREATISE (Claitor's Publishing Division 2012)

Publications

President Biden's Executive Orders Relating to Oil and Gas, The Baton Rouge Lawyer, Vol. 4, Issue 4, p. 4 (July/August 2021)

2021 Survey on Oil & Gas Law—Louisiana, 7 Tex. A&M J. Prop. L. 363 (2021)

Ruminations on the Continuing Evolution of Trespass Law in the Context of Mineral Development, 8 La. St. U. J. Energy L. & Resources 505 (2020)

Decommissioning of Offshore Oil and Gas Facilities in the United States, 14 Charleston L. Rev. 437 (2020)

2020 Survey on Oil & Gas Law—Louisiana, 6 Tex. A&M J. Prop. L. 57 (2020)

Publications*(cont'd)*

Dutch Disease and the Resource Curse, International Mining and Oil & Gas Law, Development and Investment, 4-1 (Rocky Mtn. Min. L. Fdn. 2019) (co-authored with Stephanos G. Oretis, Peter Leon, Aaron O'Connell, and Julia La Manna)

Implied Covenants and the Drafting of Oil and Gas Leases, 7 La. St. U. J. Energy L. & Resources 401 (2019)

An International Comparison on the Operatorship Provisions Contained in Model Form Oil & Gas Joint Operating Agreements, 7 La. St. U. J. Energy L. & Resources 79 (2019)

Integrated Carbon Capture and Storage in the Louisiana Chemical Corridor (with David E. Dismukes and others) (2019) United States, available at <https://doi.org/10.2172/1526406>

2019 Survey on Oil & Gas Law—Louisiana, 5 Tex. A&M J. Prop. L. 27 (2019)

Defining the Lessee's Covenants to Drill and Develop a Lease, Special Inst. on Drafting the Modern Oil and Gas Lease (Rocky Mtn. Min. L. Fdn. 2018)

2018 Survey on Oil & Gas Law—Louisiana, 4 Tex. A&M J. Prop. L. 31 (2018)

2017 Survey on Oil & Gas Law—Louisiana, 3 Tex. A&M J. Prop. L. 17 (2017)

The Operator Under Oil and Gas Joint Operating Agreement—The Three Rs of Responsibilities, Removal, and Replacement, Special Institute on Joint Operations and the New AAPL Form 610-2015 Model Form Operating Agreement (Rocky Mtn. Min. L. Fdn. and A.A.P.L. 2016)

Hydraulic Fracturing Impact Studies: Recent Highlights, Summaries, and Analysis, Special Institute on Water Acquisition and Management for Oil & Gas Development: Legal and Regulatory Requirements, Paper No. 2B (Rocky Mt. Min. L. Fdn. and CAIL-IEL 2016) (with Scott Anderson of Environmental Defense Fund)

Induced Seismicity: An Energy Lawyer's Guide to Legal Issues and the Causes of Man-Made Earthquakes, Proceedings of Rocky Mountain Mineral Law Sixty-First Annual Institute (2015)

On Liability Issues Concerning Induced Seismicity in Hydraulic Fracturing Treatments and at Injection Disposal Wells: What Petroleum Engineers Should Know, Society of Petroleum Engineers Paper No. SPE 173383, presented at Hydraulic Fracturing Technology Conference, The Woodlands, Texas (2015), reprinted in Hydraulic Fracturing Journal. Vol. 2, No. 3, pp. 69-75 (June 2015)

Hydraulic Fracturing: If Fractures Cross Property Lines is there an Actionable Subsurface Trespass?, 54 Nat. Res. J. 361 (Fall 2014)

Using Technology to Avoid Trespass Liability Based on Subsurface Intrusions of Hydraulic Fractures (co-authored with Arash Dahi Taleghani), Unconventional Resources Technology Conference (SPE paper no. 1919446) (2014), reprinted in abridged form in Hydraulic Fracturing Journal, Vol. 1, No. 4, pp. 38-45 (Oct. 2014)

Publications*(cont'd)*

Single Well Spacing and Pooling: State Spacing and Jurisdiction over Conservation, Special Institute on Federal Onshore Oil & Gas Pooling and Unitization, Rocky Mtn. Min. L. Fdn. (2014)

Hydraulic Fracturing and the Baseline Testing of Groundwater, 48 U. Rich. L. Rev. 857 (2014)

2014 Survey on Oil & Gas Law—Louisiana, 1 Tex. A&M L. Rev. 103 (2014)

Hydraulic Fracturing Contamination Claims: Problems of Proof, 74 Ohio St. L.J. Furthermore 71 (2013)

Hydraulic Fracturing: Trade Secrets and the Mandatory Disclosure of Fracturing Water Composition, 49 Idaho L. Rev. 399 (2013)

Recent Developments in Hydraulic Fracturing Regulation and Litigation, 29 J. Land Use & Env. L. 29 (2013)

Louisiana Oil & Gas Update, 19 Tex. Wesleyan L. Rev. 361 (2013)

When Do State Oil and Gas or Mining Statutes Preempt Local Regulations?, 27 Natural Resources & Environment 16 (Winter 2013)

Fraud, Misrepresentation, and Related Ethical Issues in Lease Acquisition, Proceedings of Rocky Mountain Mineral Law Fifty-Eighth Annual Institute (2012)

Hydraulic Fracturing and the Safe Drinking Water Act, 19 Buffalo Envir. L.J. (2011-2012)

Louisiana Oil & Gas Update, 18 Tex. Wesleyan L. Rev. 511 (2012)

Hydraulic Fracturing Litigation, For the Defense (January 2012)

Hydraulic Fracturing and the Safe Drinking Water Act, ABA TTIP Toxic Torts and Environmental Law Committee Newsletter at 5, Winter 2012

Hydraulic Fracturing: What are the Legal Issues?, Louisiana Bar Journal (December 2011/January 2012)

The Application of Oil & Gas Lease Implied Covenants in Shale Plays: Old Meets New, Proceedings of the Thirty-Second Annual Energy & Mineral Law Institute (2011)

Hydraulic Fracturing Litigation, The Advocate (Winter 2011) (with Lauren Godshall)

Regulation of Hydraulic Fracturing under the Safe Drinking Water Act, 31 No. 18 Westlaw Journal Environmental 1 (March 30, 2011)

In Too Deep: Lessons from the Gulf Rig Disaster, Corporate Counsel (May 12, 2010)

Hydraulic Fracturing – Is it all it's Cracked Up to Be?, Environmental Protection, (December 2010)

The Continuing Role of Implied Covenants in Developing Leased Lands, 49 Washburn L.J. 313 (2010)

Publications*(cont'd)*

Implied Covenants: Claims Under Article 122, Institute on Mineral Law (2010), Baton Rouge

Recent Developments: Mineral Law, Louisiana Bar Journal (author of bimonthly article from April 2009 to present)

Recent Developments: Environmental Law, 2003 Louisiana Bar Journal (August/September)

Federal Jurisdiction and Procedure, Fifth Circuit Symposium, 46 Loy. L. Rev. 101 (2000)

Evidentiary Presumptions, 72 Tul. L. Rev. 1321 (1998)

In re American Waste: A Clumsy Expansion of the Right to Litigate Environmental Issues, 41 Loy. L. Rev. 353 (1995)

Presentations

Implied Covenants in Oil and Gas Leases, Annual Oil & Gas Short Course, October 18, 2021, Westminster, Colorado

Recent Developments in Mineral Law, LSU Recent Developments CLE Series, [several presentations during the fall of 2021, including presentations in Lafayette, Shreveport, and multiple presentations in Baton Rouge, Louisiana]

Carbon Capture, Storage, and Utilization (panel discussion), 42nd Annual Energy & Mineral Law Institute, June 22, 2021, Memphis, Tennessee

Recent Developments in Oil and Gas Law, Institute for Energy Law's 72nd Annual Oil and Gas Conference (virtual), April 22, 2021

Who Owns Produced Water and Any Substances Dissolved or Suspended in It, 68th Annual Mineral Law Institute (virtual), April 16, 2021

Oil & Gas Lease Implied Covenants, University of Texas CLE's "Fundamentals of Oil, Gas and Mineral Law Virtual Conference," March 25, 2021

Oil & Gas Leases and Servitudes in the Context of Carbon Capture and Storage (panelist), "Pollution Solutions: A Symposium on Carbon Capture and Sequestration," LSU Journal of Energy Law & Resources, online webinar format, February 5, 2021

The Courts During an Energy Dominance Era: A Panel Discussion with Legal Experts (panel discussion for Wyoming Public Radio), December 17, 2020

Conservation Regulation (co-presentation with Patrick H. Martin), Cleveland-Marshall Law School's "Oil and Gas Unitization Law and Policy" webinar, December 14, 2020

UK MER in its International Context (panel discussion comparing the United Kingdom's concept of "maximum economic recovery" of oil and gas with

Presentations*(cont'd)*

analogous concepts in other nations, including implied covenants in U.S. oil and gas leases), Association of International Petroleum Negotiators webinar, July 30, 2020

The exploitation of unconventional in Brazil: opportunities and challenges, panel discussion for FGV Energia Webinar, July 14, 2020

Unconventional Oil and Gas Resources: Current trends, legal challenges and opportunities (spoke on issues in North America for an international webinar sponsored by the University of São Paulo), June 1, 2020

Communicating with Opposing Counsel and Landowners, University of Texas CLE's 2020 Fundamentals of Oil, Gas and Mineral Law Conference (done a webinar), March 26, 2020

Offshore Drilling (panel discussion), "Legal, Ethical, and Policy Implications of a Changing Climate: 12th Annual Law & Society Symposium," February 7, 2020, Charleston, South Carolina

Single Well Spacing and Pooling: State Spacing and Jurisdiction over Conservation, Advanced Landman's Special Institute, November 8, 2019, Houston, Texas

Protecting a Non-Operator's Interest when Negotiating a JOA, webinar for Institute for Energy Law, October 30, 2019

Common Interests Created in Oil and Gas, Annual Oil & Gas Short Course, October 21, 2019, Westminster, Colorado

Implied Covenants in Oil and Gas Leases, Annual Oil & Gas Short Course, October 21, 2019, Westminster, Colorado

Surface Trespass Liability—Good Faith, Bad Faith, Energy & Mineral Law Foundation's Annual Kentucky Mineral Law Conference, October 16, 2019, Lexington, Kentucky

Crude Oil Marketing and Sales, Short Course on International Oil & Gas Law, Contracts, and Negotiations, September 30, 2019, Houston, Texas

Recent Developments in Mineral Law, LSU Recent Developments CLE Series, September 13, 2019, Baton Rouge, Louisiana [repeated on later dates in Baton Rouge, as well as in Lake Charles, Monroe, Shreveport, Lafayette, Kenner, and New Orleans]

Multiple topics (was one of two instructors) at the two-day "Guyana Oil & Gas and Energy Business Training Conference" (was sole lecturer for five topics and a co-lecturer for two topics relating to international petroleum transactions and regulation of the oil and gas industry), June 27-28, 2019, Georgetown, Guyana

History of Brent as a Benchmark Crude, International Petroleum Scholars Workshop, May 24, 2019, Houston, Texas

Coastal Erosion Lawsuits (panel discussion), Louisiana Oil and Gas Symposium

Presentations*(cont'd)*

2019, April 17, 2019, Baton Rouge, Louisiana

Dutch Disease and the Resource Curse, International Mining and Oil & Gas Law, Development, and Investment, April 10, 2019, Rio de Janeiro, Brazil

The Oil and Gas Lease Implied Covenants, University of Texas 2019 Fundamentals of Oil, Gas and Mineral Law conference, March 28, 2019, Houston, Texas

What is a Landman? What can they do? Ethics in Using a Landman, TexasBarCLE's course on "Handling Your First (or Next) Oil and Gas Case," December 5, 2018, Houston, Texas

Ethical Landmines for Landmen and Lawyers Who Work as or Hire Landmen, Kentucky Mineral Law Conference, October 17, 2018, Lexington, Kentucky

Oil and Gas Leases 101, St. Helena Forestry Association Annual Meeting, October 9, 2018, Pine Grove, Louisiana

Implied Covenants in Oil and Gas Leases, Oil & Gas Short Course, October 8, 2018, Houston, Texas

International Crude Oil Marketing, International Oil & Gas Law, Contracts, and Negotiations Short Course, October 1, 2018, Houston, Texas

Frack Quakes? Facts and Law Relating to Induced Seismicity, Injection Disposal, and Fracking, TexasBarCLE's Advanced Oil, Gas and Energy Resources Conference, September 20, 2018, Houston, Texas

Recent Developments in Mineral Law, LSU Recent Developments CLE Series, September 14, 2018, Baton Rouge, Louisiana (repeated on later dates in Baton Rouge, Kenner, Lafayette, Lake Charles, Monroe, New Orleans, and Shreveport)

Legal Developments Relating to Induced Seismicity, Ground Water Protection Council's Annual Forum, September 12, 2018, New Orleans, Louisiana

Frack Hits, Panelist for seminar on oil and gas well issues, September 7, 2018, Baton Rouge, Louisiana

Multiple topics (was one of three instructors) at the two-day "Guyana Oil & Gas and Energy Business Training Conference." Was sole lecturer for two topics and was a co-lecturer for six topics relating to international petroleum transactions and the regulation of the oil and gas industry. June 14 & 15, 2018, Georgetown, Guyana

Defining The Lessee's Covenants to Drill and Develop a Lease, May 4, 2018, Denver, Colorado

Oil and Gas Leases 101, Florida Parishes Forestry Forum, April 6, 2018, Hammond Louisiana

Presentations

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Mineral Rights, LSU CLE by the Hour, December 14, 2017, Baton Rouge, Louisiana

What Every Lawyer Needs to Know About Oil and Gas Law, Institute for Energy Law Webinar, December 13, 2017

Cutting Edge Issues in Competing (Mineral) Property Rights, ABA Section of Litigation Regional Workshop on Current Issues in Environmental & Energy Regulation, December 6, 2017, Denver, Colorado

The Operator Under Oil & Gas Joint Operating Agreements, Special Institute on Joint Operations and the New AAPL Form 610-2015 Model Form Operating Agreement, December 5, 2017, Denver, Colorado

Upstream Oil and Gas Regulation in U.S., New Orleans Citizens Diplomacy Council Hosts Regulators from Brazil, December 4, 2017, New Orleans, Louisiana

Upstream Petroleum Regulatory and Governance Issues, Center for Energy Studies seminar for representatives from the Nigerian Petroleum Ministry, October 19, 2017, Baton Rouge, Louisiana

Implied Covenants in Oil and Gas Leases, Oil and Gas Short Course, October 17, 2017, Westminster, Colorado

Common Interests Created in Oil and Gas, Oil and Gas Short Course, October 16, 2017, Westminster, Colorado

Contracts for Production and Sales of Petroleum (panel discussion), St. Joseph's University, October 12, 2017, Beirut, Lebanon

International Petroleum Exploration Agreements: The Challenge of Drafting Instruments that Serve the Interest of Both the State and the Investor, Etudes Fondation pour le droit Continental, October 10, 2017, Dubai, United Arab Emirates

Recent Developments in Mineral Law, LSU CLE, September 14, 2017, Baton Rouge, Louisiana (repeated in: Shreveport on Sept. 22, 2017; Lafayette on Oct. 6, 2017; Lake Charles on October 20; Monroe on November 10; Baton Rouge on November 17; Kenner on November 30; December 8 in New Orleans)

Oil and Gas Regulation and Taxation in the United States, Citizens Diplomacy Council Program for Visiting Nigerian Senators, May 9, 2017, Baton Rouge, Louisiana

The Oil & Gas Lease: Implied Covenants, University of Texas Fundamentals of Oil, Gas and Mineral Law Conference, April 13, 2017, Houston, Texas

Carbon Capture and Oil & Gas, OU Law Oil and Gas, Natural Resources, and Energy Journal (ONE J) Inaugural Symposium, April 7, 2017, Norman, Oklahoma

Presentations*(cont'd)*

Oil and Gas Production and Transportation (panel discussion), Carnegie Mellon University Energy Week Law and Policy Forum, March 31, 2017, Pittsburgh, Pennsylvania

Environmental Considerations in the Energy Sector (panel discussion), 2017 Energy Law Symposium: The Future of Energy (Texas A&M Law School), March 24, 2017, Fort Worth, Texas

Recent Developments in Oil and Gas Law, LSU CLE by the Hour, December 16, 2016, Baton Rouge, Louisiana

Contemporary Challenges for Energy Industries, U.S.-China Energy Law and Trade Forum, November 18, 2016, New Orleans, Louisiana

The Operator Under Oil and Gas Joint Operating Agreement—The Three Rs of Responsibilities, Removal, and Replacement, Special Institute on Joint Operations and the New AAPL Form 610-2015 Model Form Operating Agreement, November 3, 2016, Houston, Texas

The Oil and Gas Lease: Implied Covenants, Rocky Mountain Mineral Law Foundation's Oil and Gas Short Course, October 18, 2016, Houston, Texas

Common Interests Created in Oil and Gas, Rocky Mountain Mineral Law Foundation's Oil and Gas Short Course, October 17, 2016, Houston, Texas

International Law and Energy (moderator of panel discussion), University of Pittsburgh School of Law 2016 Energy Law & Policy Institute, April 15, 2016, Pittsburgh, Pennsylvania

Facts and Myths on Hydraulic Fracturing and Water Injection (panel discussion), Conference on Water Acquisition and Management for Oil & Gas Development: Legal and Regulatory Requirements, April 8, 2016, Houston, Texas

Hydraulic Fracturing Impact Studies – Recent Highlights, Summaries, and Analysis (panel discussion), Conference on Water Acquisition and Management for Oil & Gas Development: Legal and Regulatory Requirements, April 7, 2016, Houston, Texas

Wastewater Management and Induced Seismicity, Tenth Annual Louisiana Groundwater, Surface Water & Water Resources Symposium, March 24, 2016, Baton Rouge, Louisiana

Management of Wastewater from Oil & Gas Activities, Emerging Issues at the Intersection of Energy and Natural Resources Conference, March 4, 2016, Baton Rouge, Louisiana

Fracing and Seismic Events, 18th Annual Permian Basin Oil and Gas Law Seminar, February 26, 2016, Midland, Texas

Burning Issues in Oil and Gas Regulation: Top Lawyers Debate Major Issues Affecting the Industry (member of panel), American Bar Association Section of Environment, Energy and Resources Fall Meeting, October 29, 2015, Chicago, Illinois

Presentations*(cont'd)*

The Oil & Gas Lease: Implied Covenants, Rocky Mountain Mineral Law Foundation's Oil and Gas Short Course, October 20, 2015, Westminster, Colorado

Ownership, Rule of Capture, and Correlative Rights, Rocky Mountain Mineral Law Foundation's Oil and Gas Short Course, October 19, 2015, Westminster, Colorado

Oil & Gas Primer for Bankruptcy Attorneys, New Orleans Bar Association's Interplay of Bankruptcy and Oil & Gas Law Seminar, October 15, 2015, New Orleans, Louisiana

Induced Seismicity: Frack Quakes, Injection Quakes, and the Law, University of New Mexico Law School Faculty Colloquium Series, October 14, 2015, Albuquerque, New Mexico

Mineral Rights, LSU Recent Developments Continuing Legal Education Seminar, September 11, 2015, Baton Rouge, Louisiana (presented on later dates in Shreveport, Lafayette, Monroe, Kenner, and New Orleans, Louisiana, and repeated in Baton Rouge)

Induced Seismicity and Hydraulic Fracturing, 28th Annual Energy Law Institute, September 3, 2015, Houston, Texas

Induced Seismicity: An Energy Lawyers Guide to Legal Issues and the Causes of Man-Made Earthquakes, 61st Annual Rocky Mountain Mineral Law Annual Institute, July 16, 2015, Anchorage, Alaska

Induced Seismicity and the Energy Industries, Women's Energy Network Southeast Louisiana Meeting, May 20, 2015, New Orleans, Louisiana

The Oil & Gas Lease: Implied Covenants, University of Texas Fundamentals of Oil, Gas and Minerals Law Seminar, March 26, 2015, Houston, Texas

Legal and Technical Aspects of Hydraulic Fracturing and Induced Seismicity, Baton Rouge Geological Society, February 13, 2015, Baton Rouge, Louisiana

Baseline Testing of Groundwater Before and After Oil & Gas Activity, LSU School of Coast and Environment Lecture Series, February 6, 2015, Baton Rouge, Louisiana.

On Liability Issues Concerning Induced Seismicity in Hydraulic Fracturing Treatments and at Injection Disposal Wells: What Petroleum Engineers Should Know, Society of Petroleum Engineers Hydraulic Fracturing Technology Conference, Paper No. SPE 173383, February 3, 2015, The Woodlands, Texas

Local Regulation of Oil and Gas Activity, LSU's CLE by the Hour, December 19, 2014, Baton Rouge, Louisiana

Key Issues in the Regulation of Hydraulic Fracturing and Related Oil & Gas Activity, The Energy Council's Global Energy and Environmental Issues Conference, December 6, 2014, Point Clear, Alabama

Presentations*(cont'd)*

Single Well Spacing and Pooling: State Spacing and Jurisdiction over Conservation, Special Institute on Federal Onshore Oil & Gas Pooling and Unitization, October 29, 2014, Westminster, Colorado

Implied Covenants, Rocky Mountain Mineral Law Foundation's Oil & Gas Short Course, October 21, 2014, Houston, Texas

Ownership, Rule of Capture, and Correlative Rights, Rocky Mountain Mineral Law Foundation's Oil & Gas Short Course, October 20, 2014, Houston, Texas

Hydraulic Fracturing, Well Integrity, and the Baseline Testing of Groundwater, Emerging Issues at the Intersection of Energy and Water, October 3, 2014, Baton Rouge, Louisiana

Regulation of Hydraulic Fracturing and Related Oil & Gas Activities in Louisiana, 24th Annual Louisiana Civil Engineering Conference, September 25, 2014, Kenner, Louisiana

Local Regulation of Hydraulic Fracturing, Lorman's Oil and Gas Rights in Louisiana seminar, September 17, 2014, Baton Rouge, Louisiana

Mineral Law, LSU Law School's Recent Developments in Legislation and Jurisprudence Seminar, September 12, 2014, Baton Rouge, Louisiana (and repeated on later dates in Baton Rouge, Shreveport, Lafayette, Lake Charles, Kenner, and New Orleans)

Regulatory Update (moderator of panel discussion), The Institute for Energy Law's 5th Law of Shale Plays Conference, September 5, 2014, Pittsburgh, Pennsylvania

Using Technology to Avoid Trespass Liability Based on Subsurface Intrusion of Hydraulic Fractures, Unconventional Resources Technology Conference, August 27, 2014, Denver, Colorado

The Peaceful Coexistence of Hydraulic Fracturing and Groundwater Quality, The Arkansas Water Resource Center's 2014 Annual Research and Watershed Conference, July 15, 2014, Fayetteville, Arkansas

Hydraulic Fracturing and Groundwater Quality, IUCN Academy of Environmental Law, July 2, 2014, Tarragona, Spain

Perspectives on Latin American Civil Law Issues in AIPN Model Contracts panel discussion, Association of International Petroleum Negotiators Model Contracts Workshop, June 24, 2014, San Francisco, California

Disclosure of Completion Fluid Composition and Baseline Groundwater Testing for Oil and Gas Development, Conference on Current International Legal Issues of Concern in Azerbaijan, May 23, 2014, Baku, Azerbaijan

Infrastructure and Sustainability Issues in Shale Oil and Gas Management (panel

Presentations*(cont'd)*

discussion), 2014 American Institute of Chemical Engineers Spring Meeting, April 1, 2014, New Orleans, Louisiana

Municipal Regulation of Hydraulic Fracturing, The Seminar Group's "3rd Annual Hydraulic Fracking" seminar, February 28, 2014, Santa Barbara, California

Recent Developments in Property Law and Oil & Gas Law, Louisiana Bankers Association Bank Counsel Conference, December 12, 2013, New Orleans, Louisiana

Louisiana Mineral Rights, Baton Rouge Bar Association, December 6, 2013, Baton Rouge, Louisiana (repeated on December 30, 2013 in New Orleans for the New Orleans Bar Association's annual "Procrastinators CLE Program")

Recent Developments in Louisiana Mineral Law, Legislative Legal Seminar, December 6, 2013, Baton Rouge, Louisiana

Basics of Oil and Gas Leases, guest lecture to undergraduate class at LSU Department of Petroleum Engineering, October 31, 2013, Baton Rouge, Louisiana

Mineral Law Overview, guest lecture to undergraduate class at LSU Department of Petroleum Engineering, October 29, 2013, Baton Rouge, Louisiana

Legacy Litigation, American Association of Professional Landmen's Gulf Coast Land Institute, October 25, 2013, New Orleans, Louisiana

Implied Covenants, Rocky Mountain Mineral Law Foundation's Oil & Gas Short Course, October 22, 2013, Westminster, Colorado

Ownership, Rule of Capture, and Correlative Rights, Rocky Mountain Mineral Law Foundation's Oil & Gas Short Course, October 21, 2013, Westminster, Colorado

Baseline Testing, part of panel on "Hydraulic Fracturing: An Energy-Water Tradeoff" at the University of Richmond's Law Review's Allen Chair Symposium: The Energy-Water Nexus, October 18, 2013, Richmond, Virginia

Impacts of Shale Development on a Macro Level, 31st Annual Advanced Oil, Gas & Energy Resources Law Course, October 3, 2013, Houston, Texas

An Overview of the Laws Governing Oil & Gas Exploration and Development, guest lecture to graduate student seminar at LSU Department of Petroleum Engineering, September 13, 2013, Baton Rouge, Louisiana

Mineral Law, LSU Recent Developments CLE Series, September 6, 2013, Baton Rouge, Louisiana (repeated on two additional occasions in Baton Rouge, as well as in Shreveport, Lake Charles, Lafayette, Monroe, Kenner, and New Orleans)

The ABCs of Hydraulic Fracturing for Dirt Lawyers, American Bar Association's Real Property, Trusts and Estate Law Section, June 26, 2013, (eCLE webinar)

Recent Developments in Hydraulic Fracturing Regulation and Litigation, 22nd Annual Beach and Bar Symposium (hosted by the Louisiana, Mississippi, and Alabama State Bar Associations' Environmental Law Sections), June 14, 2013,

Presentations*(cont'd)*

Destin, Florida

Recent Developments in Environmental Issues Relating to Shale Gas Development, 4th Annual Shale Gas Conference, Institute for Energy Law, June 7, 2013, Fort Worth, Texas

Hydraulic Fracturing: What are the Legal and Environmental Issues?, May 24, 2013, Baku, Azerbaijan

Hydraulic Fracturing and the Environment: Drink Up!, Tulane Engineering Forum, April 5, 2013, New Orleans, Louisiana

Hydraulic Fracturing: Trade Secrets and the Mandatory Disclosure of Fracturing Water Composition, Legal Aspects of Hydraulic Fracturing: An Idaho Law Review Symposium, March 29, 2013, Boise, Idaho

Implied Covenants and Changing Technology, 60th Annual Mineral Law Institute, March 15, 2013, Baton Rouge, Louisiana

Damages Claims in Hydraulic Fracturing Litigation, The Seminar Group's "Hydraulic Fracking" seminar, February 8, 2013, Santa Barbara, California

Recent Developments in Hydraulic Fracturing Regulation, Florida State University Law School's 2013 Environmental Law Seminar: Effective Regulation of Shale Gas Development, February 1, 2013, Tallahassee, Florida

Hydraulic Fracturing, Professor's Corner (for ABA Real Property, Trusts and Estate Law Section), January 9, 2013 (webinar)

Offshore Oil & Gas Leasing, Lecture at Seton Hall University Law School's New Orleans Winter Study Session, January 6, 2013, New Orleans, Louisiana

Oil & Gas 101: Understanding Leases, Baton Rouge Bar Association's CLE By the Hour, December 28, 2012, Baton Rouge, Louisiana

The ABCs of Oil and Gas Leases, New Orleans Bar Association's Procrastinators' CLE Program, December 27, 2012, New Orleans, Louisiana

Hydraulic Fracturing: What are the Legal Issues? LSU CLE Series, December 13, 2012, Baton Rouge, Louisiana

Hydraulic Fracturing: The Legal Issues, Annual Meeting, National Association of Lease and Title Analysts, September 27-29, 2012, Baltimore, Maryland

Implied Covenants in Oil and Gas Leases, Utica Shale: Issues in Law, Practice and Policy, Cleveland-Marshall College of Law, September 14, 2012, Cleveland, Ohio

Mineral Rights, LSU CLE Recent Developments in the Law, September 8, 2012, Baton Rouge, Louisiana

Fracking Under Pressure: Crucial Litigation Tactics You Need to Know, National Constitution Center Conferences, September 6, 2012 (webinar)

Hydraulic Fracturing – What is it and Why Should You Care?, 20th Annual

Presentations*(cont'd)*

Arizona Water Law Conference, August 9, 2012, Phoenix, Arizona

Fraud, Misrepresentation, and Related Ethical Issues in Lease Acquisition, 58th Annual Rocky Mountain Mineral Law Institute, July 20, 2012, Newport Beach, California

Hydraulic Fracturing: The Environmental and Legal Issues Affecting Operators and Landowners, Regs, Rigs, and Restoration (a joint conference of the Alabama, Mississippi, and Louisiana State Bar Association Environmental Law Sections), June 15, 2012, Destin, Florida

Water Quality and Hydraulic Fracturing, Half Moon Louisiana Water Law Conference, June 13, 2012, New Orleans Louisiana

The Role of State Agencies in Hydraulic Fracturing (panel discussion), CLE International, June 6, 2012, Houston, Texas

Hydraulic Fracturing: The Issues and Effects on Industry (lecture), Tulane Energy Institute, April 24, 2012, New Orleans, Louisiana

Hot Topics from the Gulf Coast, Fourth Annual Energy Law Symposium (presentation regarding recent developments in Louisiana oil and gas law), March 29, 2012, Fort Worth, Texas

Hydraulic Fracturing: The Issues, Louisiana Mineral Law Institute, March 23, 2012, Baton Rouge, Louisiana

Hydraulic Fracturing News and Legal Developments, Professional Landmen's Association of New Orleans, March 12, 2012, New Orleans, Louisiana

Hydraulic Fracturing (panel discussion), Women's Energy Network, March 8, 2012, Baton Rouge, Louisiana

The Basics of Offshore Oil and Gas Leasing, Seton Hall Law School's New Orleans Winter Study Session, January 7, 2012, New Orleans, Louisiana

Hydraulic Fracturing — What are the Legal Issues? Baton Rouge Bar Association, December 29, 2011, Baton Rouge, Louisiana

Hydraulic Fracturing: The Latest Issues and Legal Developments, New Orleans Bar Association, December 21, 2011, New Orleans, Louisiana

Shale Gas Plays: The Hotbeds and Industry Impacts, Gas Drilling Operations Conference, December 13, 2011, Dallas, Texas

Oil and Water: The Regulation of Hydraulic Fracturing Under the Safe Drinking Act, EUCI Webinar, December 9, 2011 (webinar)

Implied Covenants Under Oil and Gas Leases: The Obligations and How to Manage Them, Energy Contract Management in Oil and Gas, December 6, 2011, Houston, Texas

Developments in the Regulation of Hydraulic Fracturing, Louisiana State Bar

Presentations*(cont'd)*

Association Environmental Law Section, November 11, 2011, New Orleans, Louisiana

Hydraulic Fracturing and the Environment: Drink Up!, Defense Research Institute Annual Meeting, October 28, 2011, Washington, D.C.

Negotiation of Contracts in the Energy Industry, Independent Petroleum Association of America Leadership Training Program, October 25, 2011, Houston, Texas

Essentials of Oil and Shale Gas Development, University of Houston C.T. Bauer College of Business – Distinguished Leaders Series, September 19, 2011, Houston, Texas

Careers in Energy and Mineral Law, Louisiana State University School of Law, August 29, 2011, Baton Rouge, Louisiana

Oil and Gas Law Update: The Latest Jurisprudence, Legislation, and Regulation, 57th Annual Rocky Mountain Mineral Law Institute, July 22, 2011, Santa Fe, New Mexico

Hydraulic Fracturing – The Next Wave of Groundwater Toxic Tort Litigation?, Defense Research Institute, July 7, 2011 (webinar)

The Application of Oil & Gas Lease Implied Covenants in Shale Plays: Old Meets New, 32nd Annual Energy and Mineral Law Institute, May 17, 2011, Nemaquin Resort, Farmington, Pennsylvania

Developments in the Law Relating to Offshore Drilling and Hydraulic Fracturing, Tulane Energy Institute, April 12, 2011, New Orleans, Louisiana

Hydraulic Fracturing: Regulation Under the Safe Drinking Water Act, Buffalo Law School Symposium on Hydraulic Fracturing, March 29, 2011, Buffalo, New York

The Application of Implied Covenants in Shale Plays: New Circumstances and New Challenges, ABA Section on Environment, Energy and Resources Oil and Gas Committee Teleconference, March 10, 2011 (webinar)

Procedure and Evidence: The Latest Legislation and Jurisprudence, Baton Rouge Bar Association, December 30, 2010, Baton Rouge, Louisiana

Recent Developments in Civil Procedure and Evidence, New Orleans Bar Association, October 28, 2010 (repeated on December 29, 2010), New Orleans, Louisiana

Understanding Oil and Gas Leases, New Orleans Bar Association, December 21, 2010, New Orleans, Louisiana

Responding to a Crisis: Learning from the Deepwater Horizon Gulf of Mexico Oil Spill, Shift Worldwide, May 10, 2010, (webinar panel discussion)

Implied Covenants: Claims Under Mineral Code Article 122, Mineral Law Institute, March 25, 2010, Baton Rouge, Louisiana

Attorney Client Privilege and Federal Rule of Evidence 502, Baton Rouge Bar Association, December 30, 2009, Baton Rouge, Louisiana

New Federal Rule of Evidence 502, Loyola University School of Law,

Presentations*(cont'd)*

November 21, 2009, New Orleans, Louisiana

Recent Changes to the Rules of Procedure and Evidence, New Orleans Bar Association, Oct. 29, 2009 (repeated on Dec. 29, 2009), New Orleans, Louisiana

The Continuing Role of Implied Covenants in Oil and Gas Leases, Washburn University School of Law, October 3, 2009, Topeka, Kansas

Understanding Mineral Leases, Half Moon Seminars, September 10, 2009, New Orleans, Louisiana

Deposing an Organization, Louisiana State Bar Association, December 2008, New Orleans, Louisiana

How to Close a Commercial Real Estate Transaction (panelist for environmental issues), 2003 Convention of the National Bar Association, New Orleans, Louisiana

Environmental Law Roundtable (panel discussion), Conference of International Municipal Lawyers Association, September 11, 2001, New Orleans, Louisiana