

# Agenda

**Primer To Environmental Issues: How Oil Companies Use a State Statute to Acquire Drilling Rights in Colorado**

Z. Grey

- What is pooling? Voluntary vs. involuntary
- Why does Colorado have a forced pooling statute?
- How does Colorado's forced pooling statute work?

**Maintaining Air Quality Standards at Producing Wells**

R. Cantafio

- Air quality standards
- Permits by rule and new source review
- Volatile organic compound regulations
- Nitrogen and sulfur
- Hazardous air pollutants
- Emissions inventories

**Methane Control and Mitigation**

R. Cantafio

- Methane climate impacts
- Regulation of methane emissions, RRC Rule 32
- Options for additional methane control and mitigation

**Produced Water Management and Reuse**

C. Colclasure

- Recycling produced water and flowback
- Alternate water sources for fracking
- Disposal of produced water
- Treatment and beneficial use

**Can't Attend? Order the Manual and the Audio from the Live Seminar as a Self-Study Package!**

Audio recordings of this seminar are available for purchase starting at \$269. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

**Environmental Best Practices in Enhanced Oil Production**  
Denver, CO - Thursday, February 27, 2020



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## Learning Objectives

**You'll be able to:**

- Explain** why Colorado has a forced pooling statute and how it works.
- Understand** air quality standards, permits by rule, new source review, and volatile organic compound regulations.
- Explore** the regulation of methane emissions and RCC Rule 32.
- Evaluate** alternate water sources for fracking.
- Discuss** the recycling and disposal of produced water and flowback.



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# Environmental Best Practices in Enhanced Oil Production

Denver, CO - Thursday, February 27, 2020



- Understand** how oil companies use a Colorado state statute to acquire drilling rights
- Identify** methods for methane control and mitigation
- Examine** air quality standards at producing wells
- Discuss** voluntary vs. involuntary pooling
- Explore** produced water management and reuse

**Continuing Education Credits**

- |  |  |
|--|--|
| <b>Attorneys</b> <ul style="list-style-type: none"><li>6.0 Colorado CLE Hours</li><li>6.0 Oklahoma CLE Hours</li><li>5.0 Texas CLE Hours</li><li>5.0 Wyoming CLE Hours</li></ul> | <b>Professional Engineers</b> <ul style="list-style-type: none"><li>5.0 PDHs</li></ul> <b>Landmen</b> <ul style="list-style-type: none"><li>5.0 CE Credits</li></ul> <b>Professional Geologists</b> <ul style="list-style-type: none"><li>5.0 CE Hours</li></ul> |
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**Zachary A. Grey, Esq.** *Attorney at Frascona, Joiner, Goodman and Greenstein, P.C.*  
*www.frascona.com/zac-grey*

Mr. Grey focuses his practice on oil and gas, real estate, and corporate matters. He joined Frascona, Joiner, Goodman and Greenstein, P.C. in September of 2016. Within the oil and gas industry, Mr. Grey advises clients in the negotiation and interpretation of oil and gas leases, oil and gas reservations and conveyances, purchase and sale agreements, and surface use agreements. On the title side, Mr. Grey has analyzed chains of title and has drafted drilling title opinions in Colorado, Ohio, Pennsylvania, and West Virginia. He regularly provides clients desiring more information on mineral ownership with limited mineral title reports. Utilizing his oil and gas expertise, he represents operators, land service companies, mineral buyers, and landowners, but also residential and commercial real estate clients searching for comprehensive representation from the surface to the center of the earth. With respect to real estate matters, Mr. Grey represents buyers, sellers, landlords, tenants, real estate agents, builders, and developers in a variety of transactions and disputes. He regularly advises clients on matters concerning buy/sell contracts, construction contracts, commercial and residential leases, party wall/HOA arrangements, and easements/rights of way. Mr. Grey strives to further the client’s business goal through an efficient, common-sense approach. Additionally, Mr. Grey represents business entities and owners in a variety of corporate transactions and disputes. Mr. Grey routinely represents business entities buying or selling equity and/or assets and counsels business owners navigating disputes with other owners.

## Seminar Information

**Renaissance Denver  
Stapleton Hotel**  
3801 Quebec Street  
Denver, CO 80207  
(303) 399-7500

**Tuition**  
**\$289** for individual registration  
**\$269** for three or more registrants from the same company at the same time.  
***Included with your registration:*** *Complimentary continental breakfast and printed seminar manual.*

***Receive a reduced tuition rate of \$101*** by registering to be our on-site coordinator for the day. For availability and job description, please visit [www.halfmoonseminars.org](http://www.halfmoonseminars.org).

**How to Register**

- Visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

**Cancellations:** Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the self-study package. You may also send another person to take your place.

**Ralph A. Cantafio** *Managing Partner of Feldmann Nagel Cantafio PLLC*  
Mr. Cantafio is Managing Partner of Feldmann Nagel Cantafio PLLC with offices located in Cheyenne, Wyoming, as well as Boulder, Denver and Steamboat Springs, Colorado. He is also a lecturer at the University of Colorado Denver in the Global Energy Management Program where he teaches graduate students Environmental Regulatory, Legal and Political Environment of the Energy Industry and Energy Law: Property, Contracts and Transaction. His law practice focuses on transactional work and litigation in the oil and gas industry, where he also acts as a mediator and arbitrator. Mr. Cantafio is licenses in, among other states, Alaska, Colorado, North Dakota, Pennsylvania, Texas, Wyoming and Utah.

**Chris Colclasure** *Senior Counsel with Beatty & Wozniak, P.C.*  
Mr. Colclasure helps his clients build natural resource development projects and keep them running. He draws on his experience in private practice and as the deputy director of Colorado’s Air Pollution Control Division to formulate strategies for obtaining regulatory approval and complying with environmental standards. Mr. Colclasure is well versed in environmental law, particularly the Clean Air Act and state and federal air quality regulations. He advocates for oil and gas operators, electric generating units, coal mines and other industries in permitting, compliance, enforcement and regulatory disputes. He has appeared in state rulemaking hearings and has submitted written comments on proposed EPA regulations. Mr. Colclasure litigated regional haze disputes involving emission controls with total costs in excess of \$1 billion, a \$4 million Clean Air Act citizen suit, and several National Environmental Policy Act (NEPA) cases, including a challenge to a lease of 430 million tons of coal. As a Lieutenant Colonel in the United States Air Force Reserve, Mr. Colclasure represents federal agencies in electric utility rate cases before state public utilities commissions.

### Continuing Education Credit Information

This seminar is open to the public. The Colorado Supreme Court Office of Continuing Legal & Judicial Education has approved it for 6.0 general CLE credits. This course is approved for 5.0 CLE hours for Texas and Wyoming attorneys and 6.0 CLE hours for Oklahoma attorneys.

This seminar offers up to 5.0 PDHs to Colorado professional engineers to whom the subject matter is professionally relevant. Colorado engineers with continuing education requirements in other states will be able to apply the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility.

The American Association of Professional Landmen has approved this event for 5 RL, RPL or CPL recertification credits and 0 CPL/ESA and 0 ethics credits for a total of 5 credits.

This course offers Colorado professional geologists a five-hour continuing education opportunity. Continuing education is not mandatory in Colorado.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

## Additional Learning

### Webinar Series

#### Foundations in Cold Regions

- **Introduction to Foundations in Cold Regions**  
Thurs., Feb. 20, 2020, 11:00 AM - 12:30 PM CST
- **Shallow Foundation Design in Cold Regions**  
Thurs., Feb. 20, 2020, 1:00 - 2:30 PM CST
- **Deep Foundation Design in Cold Regions**  
Fri., Feb. 21, 2020, 11:00 AM - 12:30 PM CST
- **Foundation Construction in Cold Regions**  
Fri., Feb. 21, 2020, 1:00 - 2:00 PM CST

For more information and other online learning opportunities visit:  
**[www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)**

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## Registration

### Environmental Best Practices in Enhanced Oil Production

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How to Register	Registrant Information
<b>Online:</b> <a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a>	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
<b>Phone:</b> 715-835-5900	<b>Additional Registrants:</b> Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
<b>Fax:</b> 715-835-6066	<b>Code:</b>
<b>Mail:</b> HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	
<b>Complete the entire form.</b> Attach duplicates if necessary.	
Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.	
( )  I need special accommodations. Please contact me.	

### Tuition

- ( ) **I will be attending the live seminar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.
- ( ) **I am not attending.** Please send me the self-study package:
- ☐ Downloadable MP3 Audio/PDF Manual for **\$269.00**.
  - ☐ CD/Manual Package for **\$289.00**.
  - ☐ USB/Manual Package **\$289.00**.
- (S&H included. Please allow five weeks from seminar date for delivery)

**Checks:** Make payable to HalfMoon Education Inc.

**Credit Card:** *Mastercard, Visa, American Express, or Discover*

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