

**STATE OF NORTH DAKOTA  
PUBLIC SERVICE COMMISSION**

**Meeting Notice and Agenda**

**Meeting of May 22 - 24, 2018**

**Time:** Beginning Time Each Day 7:00 a.m. – Conclusion

**Location:** Bismarck Event Center  
315 South 5th Street  
Bismarck, ND 58504

**Re:** 2018 Williston Basin Petroleum Conference

**Agenda:**  
See attached 3-day Agenda

Prepared by: Darrell Nitschke  
Date: 21 May 2018  
Telephone: 701-328-4098

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Agenda

**Tuesday, May 22**

**Wednesday, May 23**

**Thursday, May 24**

## 26th Williston Basin Petroleum Conference

May 22-24, 2018

Bismarck, ND

\*All times are listed CDT

Monday, May 21

7:00 a.m. Exhibitor set-up opens – Exhibit Hall and Outdoor Exhibits  
 7:00 p.m. Exhibitor set-up closes for the day

Tuesday, May 22

7:00 a.m. Exhibitor set-up opens – Exhibit Hall and Outdoor Exhibits  
 8:00 a.m. Conference registration opens – Lobby

### Bakken/Three Forks/Madison/Spearfish Core Workshop

Location – Oak, Maple, Birch, Cottonwood & Linden Rooms  
 NOTICE: Pre-registration is required (\$125/person)

**Workshop**

9:00-12:00 p.m. Tim Nesheim, Jeff Bader, Travis Stolldorf: North Dakota Geologic Survey

11:30 a.m. **Expo opens – Visit the Expo and Outdoor Exhibits**

12:00-1:00 p.m. **Lunch is proudly sponsored by LIUNA North Dakota at their outdoor booth.**

### Exhibit Hall D

1:00–2:45 p.m. Growing the Energy Workforce and Advancing Our Western North Dakota Communities  
 Session Chair:  
 Rob Lindberg, *Director, Bakken Backers*

1:00 p.m. Workforce Education  
 Brent Sanford, *North Dakota Lieutenant Governor*

1:20 p.m. Workforce Statistics  
 Cindy Sanford, *ND Job Service/Williston*

1:40 p.m. Community Infrastructure/Growth  
 Geoff Simon, *Executive Director, Western Dakota Energy Association*

2:00 p.m. Growing Creedence Energy

Kevin Black, *Co-founder & President, Creedence Energy Services*

2:15 p.m. Millennials Matter – How to Attract, Retain, & Intrigue Today’s Workforce  
Danita Bye, *CEO, Sales Growth Specialists*

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2:45-3:00 p.m. **Networking: Visit the Expo & Outdoor Exhibits**

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3:00-4:30 p.m. Natural Gas Capture & Infrastructure Development

Session Chair:

Phil Archer, *NDPC Natural Gas Capture Task Force Chair, Whiting Oil & Gas*

Gas Capture Regulations

Bruce Hicks, *Director of North Dakota Oil & Gas Division*

Production Growth & Capture Data

Justin Kringstad, *Director, North Dakota Pipeline Authority*

Expanding Gas Processing Capacity

David Cassel, *Manager of Project Analysis, Natural Gas Gathering and Processing, ONEOK Rockies Midstream*

Tackling Gas Capture in the Core of the Bakken

Diacio Aviki, *Senior Vice President, Business Development and Commercial Operations-Bakken and Rockies, Crestwood Midstream Partners*

Advances in Remote Capture

Brian Cebull, *President & CEO, GTUIT*

## Meeting Rooms 103, 104, & 105

1:00–4:30 p.m. Williston Basin Breakthrough Technologies

Session Chairs:

Michael Kukuk, *Regulatory Manager, Oasis Petroleum*

Curtis Ryland, *Regional Vice President – Bakken Asset Team, Marathon Oil*

1:00 p.m.

Intriguing New Pipeline Monitoring Technologies

Brian Kalk, *Director of Energy Systems Development, Energy & Environmental Research Center*

1:20 p.m.

UAS – Oil & Gas Inspection & Detection

Brad Tomer, *Vice President of Operations, Avitas Systems, a GE Venture*

1:40 p.m.

Enhancing the Bakken with Beyond Visual Line of Sight UAS

Jim Cieplak, *Business Development & Customer Strategic Accounts, Harris Corporation*

2:00 p.m.

The Davis Refinery: Industry Proven Technology, Comprehensively Applied to Meet Lower Emissions

Lance Medlin, *Executive Vice President, Projects, Meridian Energy*

2:20 p.m.

Leveraging Digital Technology to Optimize Equipment Operation and Maintenance

David Dunlevy, *General Manager, Caterpillar Oil & Gas*

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2:45 p.m.

**Break - Visit the Expo and Outdoor Exhibits**

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3:00 p.m.

Well-site Automation

Travis Wardlaw, *IS Manager Denver Division, EOG Resources*

3:20 p.m.

Moving Past the Thief Hatch/Alternative Central Tank Battery Designs

Ryan Lunsford, *Facilities Engineering Supervisor, Whiting Petroleum Corporation*

3:40 p.m.

Dust Control for New OSHA Regulations

John Jackson, *Application Technology Manager, Unimin Energy*

4:00 p.m. Energy Transmission Siting in North Dakota: An Overview of Procedures for Route Adjustments Before or During Construction of Transmission Pipelines  
Lawrence Bender, *Attorney, Fredrikson & Byron, P.A., on behalf of Dakota Access Pipeline*

## Meeting Rooms 101 & 102

1:00-2:45 p.m. CyberSecurity: Is your infrastructure safe?  
Session Chairs:  
Tony Straquadine, *Manager, U.S. Officer, Alliance Pipeline*  
Kari Cutting, *Vice President, North Dakota Petroleum Council*

1:00 p.m. Cybersecurity: Today's Invisible Battlespace  
Jerad Saylor, *Capt., Chief of Offensive Cyber Operations, USAF Space Command*

1:20 p.m. Protecting U.S. Infrastructure: FERC's Cybersecurity Program  
Joe McClelland, *Director, Office of Energy Infrastructure, Federal Energy Regulatory Commission*

2:00 p.m. Is Your Home/Business Data Safe?  
John Nagel, *CEO/Founder, CyberNet Security, LLC*

2:20 p.m. The Future of CyberSecurity: A Panel Discussion

## Exhibit Halls A-C

5:00-7:30 p.m. Networking: Ice Breaker Social and BBQ, *proudly sponsored by Halliburton*

5:00-6:30 p.m. Hosted Bar

Wednesday, May 23

CNBC is Exclusively broadcasting live from the Williston Basin Petroleum Conference.

7:00 a.m. Conference registration opens – Lobby

7:00 a.m. Hot Breakfast Buffet – Exhibit Hall A-D

## Morning Session – Exhibit Hall D

8:00 a.m. Welcome – Ron Ness, *President, North Dakota Petroleum Council*  
National Anthem – Medora Burning Hills Singers

8:15 a.m. Remarks – North Dakota Governor Doug Burgum

8:30 a.m. Address from Miss America Cara Mund

8:40 a.m. Global Market Impact of the American Energy Renaissance  
Harold Hamm, *Chairman & CEO, Continental Resources*  
Dr. Edward Lewis Morse, *Managing Director and Global Head of Commodities Research at Citigroup Inc, Research Division*

9:10 a.m. Address from U.S. Secretary of the Interior Ryan Zinke (Invited)

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9:45-10:30 a.m. **Networking: Visit the Expo & Outdoor Exhibits**

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10:30 a.m.	Senator John Hoeven and Senator Heidi Heitkamp Videos
10:40 a.m.	<p>Introductions                      Kathleen Neset, <i>North Dakota Petroleum Council Vice Chair, Neset</i></p> <p>Leading the Way in Shale: Future Challenges and Opportunities for the Bakken                      Greg Hill, <i>President, Worldwide Exploration &amp; Production, Hess Corporation</i></p>
11:00 a.m.	<p>Liberty's Stomping Horse Bakken EOR Project                      Mark Pearson, <i>President &amp; CEO, Liberty Resources</i></p>
11:30 a.m.	<p>Marketing Bakken Oil to the World                      Brady Cook, <i>Senior Vice President Oil and Trading, Koch Industries, Inc.</i></p>
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12:00 p.m.	<p><b>Lunch provided in the Expo and Exhibit Hall D</b>                      Proudly sponsored by Bakken Now Plus Sponsors:  <i>Continental Resources, Oasis Petroleum, XTO Energy</i></p>
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## Afternoon Session – Exhibit Hall D

1:15-2:45 p.m.	<p>New Energy Economic Reality</p> <div style="border: 1px solid black; padding: 5px;"> <p>Session Chairs:                      Preston Page, <i>CEO/President, Page Petroleum</i>                      Kathleen Neset, <i>North Dakota Petroleum Council Vice Chair, Neset</i></p> </div> <p>Outlook for U.S. Monetary Policy &amp; Implications on Energy Sector                      Neel Kashkari, <i>President, Federal Reserve Bank of Minneapolis</i></p> <p>Conversation 1: Global Oil Market Perspective/The Williston Basin's Contribution                      Conversation 2: Shift in Public Market Mindset as to the Energy Sector                      Bob Morris, <i>Managing Director, Oil and Gas Exploration &amp; Production, Citi Research</i>                      John Gerdes</p>
2:45 p.m.	<b>Networking: Visit the Expo &amp; Outdoor Exhibits</b>
3:00-4:30 p.m.	<p>Regulation: New Day – Better Way!</p> <div style="border: 1px solid black; padding: 5px;"> <p>Session Chairs:                      Doug Goehring, <i>North Dakota Agriculture Commissioner</i>                      Zac Weis, <i>Government &amp; Community Relations Manager, Marathon Oil</i></p> </div> <p>Douglas Benevento, <i>EPA Region 8 Administrator</i>                      Dave Glatt, <i>Chief of the North Dakota Department of Health Environmental Health Section</i>                      Wayne Stenehjem, <i>North Dakota Attorney General</i>                      Tim Fox, <i>Montana Attorney General</i></p>
4:30 p.m.	<b>Networking: Visit the Expo &amp; Outdoor Exhibits</b>

## Meeting Rooms 103, 104, & 105

1:15-2:45 p.m.	<p>Williston Basin Optimization</p> <div style="border: 1px solid black; padding: 5px;"> <p>Session Chairs:                      Alan Olson, <i>Executive Director, Montana Petroleum Association</i>                      John Harju, <i>VP-Strategic Partnerships, Energy &amp; Environmental Research Center</i></p> </div>
1:15 p.m.	<p>US-Canada Collaborations on EOR and CO2-EOR                      Dan Maclean, <i>CEO/President of Petroleum Technology Research Centre</i></p>
1:45 p.m.	<p>Expanding the Margins of the Williston Basin – The Impact of Refined Stimulation Design</p>

Kyle Trainor, *Reservoir Engineer, NP Energy Services, LLC*

2:15 p.m. Strategic Completion Design and Operation in Addressing Parent-Child Well Impact  
 Ashley Thoma, *Completions Team Lead, Statoil*  
 Lionel Ribeiro, *Senior Reservoir Engineer, Statoil*

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2:45 p.m. **Networking: Visit the Expo & Outdoor Exhibits**

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3:00 p.m. Fiber Optics in Completions: Real Time Stage Optimization  
 Price Stark, *Pinnacle*

3:30 p.m. Completion drivers to optimize dollars per barrel of oil equivalent  
 Leen Weijers, *VP of Engineering, Liberty Oil Field Services*

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4:00 p.m. **Networking: Visit the Expo & Outdoor Exhibits**

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## Meeting Rooms 101 & 102

1:15-4:30 p.m. Williston Basin's Multi-Zone Geology

Session Chairs:

Ed Murphy, *North Dakota State Geologist, ND Geological Survey*  
 Melinda Yurkowski, *Assistant Chief Geologist, Petroleum Geology, Saskatchewan Geological Survey, Saskatchewan Ministry of the Economy*

1:15 p.m. Untapped Unconventional Potential: Heat Flow and Source Bed Thermal Maturity  
 Burke Brunson, *UND Geology Graduate Student*

1:40 p.m. Spearfish/Madison Formations  
 Travis Stolldorf, *Geologist, North Dakota Geological Survey*

2:05 p.m. Tyler Formation  
 Tim Nesheim, *Geologist, North Dakota Geological Survey*

2:30 p.m. Madison Targets in Saskatchewan & North Dakota  
 Arden Marsh, *Petroleum Research Geologist Saskatchewan Geological Survey*  
 Tim Nesheim, *Geologist, North Dakota Geological Survey*

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2:55 p.m. **Networking: Visit the Expo & Outdoor Exhibits**

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3:20 p.m. Birdbear-Duperow (Devonian)  
 Jeff Bader, *Geologist, North Dakota Geological Survey*

3:45 p.m. Stonewall and Lower Interlake Formations (Silurian)  
 Tim Nesheim, *Geologist, North Dakota Geological Survey*

4:10 p.m. Helium Resources and Potential of the Phanerozoic Western Canada Sedimentary Basin, Southern Saskatchewan  
 Melinda Yurkowski, *Assistant Chief Geologist, Petroleum Geology, Saskatchewan Geological Survey, Saskatchewan Ministry of the Economy*

## Exhibit Halls A-C

5:00-7:00 p.m. Networking Social & BBQ, *proudly sponsored by LIUNA*

5:00-6:30 p.m. Hosted Bar

## Social Gathering at Ramkota Hotel, Dakota Ballroom

7:00-10:00 p.m. Sponsored by the ND Oil PAC. *Minimum donation \$20 at door*

Thursday, May 24

- 7:30 a.m. Conference registration opens – Lobby
- 7:30 a.m. Hot Breakfast Buffet – Exhibit Halls A-D & Rooms 104-105 Hallway

### Morning Session – Exhibit Hall D

- 8:00 a.m. Welcome – Blu Hulsey, *North Dakota Petroleum Council Chairman, Continental Resources*
- 8:05 a.m. Congressman Kevin Cramer Video
- 8:10 a.m. World Supply/Demand  
Linda Capuano, *Administrator, U.S. Energy Information Administration*
- 8:30 a.m. Bakken Now! Production Growth & Infrastructure Needs  
Lynn Helms, *Director, Department of Mineral Resources*
- 8:50 a.m. The Best Play Gets Better  
Jack Stark, *President, Continental Resources*
- 9:10 a.m. High-Tech Oil Shale  
Lee Tillman, *CEO, Marathon Oil*

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9:30-10:40 a.m. **Networking: Visit the Expo & Outdoor Exhibits**

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- 10:45 a.m. Bakken CEOs – What’s Next for the Williston Basin  
Moderator: Ron Ness, *President, North Dakota Petroleum Council*

Panelists:

- Resilience against Volatility  
Erec Isaacson, *Vice President, Rockies Business Unit, ConocoPhillips*
- Bakken Strong: Our Cornerstone Asset  
Thomas Nusz, *Chairman and CEO, Oasis Petroleum*
- Why the Bakken?  
Brad Holly, *President and CEO, Whiting Petroleum Corporation*

- 11:30 a.m. Politics & America 2018  
J.C. Watts, *Chairman, J.C. Watts Companies*

**\*Agenda Subject to Change**

North Dakota Petroleum Council  
P.O. Box 1395, Bismarck, ND 58502  
Tel: (701) 223-6380  
Email: [ndpc@ndoil.org](mailto:ndpc@ndoil.org)  
Web: <http://www.ndoil.org>

For questions regarding your  
registration, please contact Lisa  
Borgen  
Tel: (701) 955-5906  
[lborgen@undeerc.org](mailto:lborgen@undeerc.org)

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