



Kansas Independent Oil & Gas Association

THE VOICE OF THE KANSAS  
INDEPENDENT PETROLEUM INDUSTRY

NOVEMBER/DECEMBER 2021

# OPPORTUNITIES ARISE

from Addressing Critical Issues

So Much to Be Thankful For!

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KIOGA Engages in Federal Budget  
Reconciliation Process

8

A Puzzle of Contemporary Society

21



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## SO MUCH TO BE THANKFUL FOR!

**ANDREA KRAUSS**  
KIOGA CHAIR

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**A**s the Thanksgiving holiday draws near, it's a good time to reflect upon all of the things for which we are thankful. This year, there are many things to be thankful for.

I'm thankful for our KIOGA members, who have paid their 2021 dues and continue to support our organization. Our members are the foundation of KIOGA, and without their unwavering support year after year, in good times and bad, the organization could not survive.

I'm thankful for our convention sponsors and trade show vendors who make our midyear and annual meetings possible. It is vitally important for our members to be able to gather in person twice each year to network and strengthen long-term relationships. While Zoom has been a great tool to use over the past two years, nothing can replace the benefits of meeting face to face.

I'm thankful for the members who have stepped up to serve on KIOGA committees, especially the newest member of the Executive Committee Jay Prudhomme. KIOGA committees are where much of the hard work gets done within the organization, and we are always looking for new members to add to our committees.

I'm thankful for the eleven men and women who were inducted into the Kansas Oil and Gas Hall of Fame on October 23. These individuals overcame hardships and the many ups and downs of the oil and gas industry to reach the highest level of success in their chosen field of expertise. They paved the way for the rest of us to follow, and we owe much to them.

I'm thankful for those who have worked hard over the past two years to tighten KIOGA's belt and come up with innovative ways to improve KIOGA's financial outlook without cutting services to our members. KIOGA will end the year in the black and financially well positioned in order to continue to serve its members for years into the future.

I'm thankful that oil and natural gas prices have rebounded and that our producer members can finally go back to doing what they do best: finding oil & gas reserves and maximizing production. Well servicing contractors can finally get back into the field, and the supply stores are once again a hub of activity. I'm hopeful that these higher price levels will be sustained over the long term so that the industry can sustain this higher level of activity.

And finally, I'm thankful for our outstanding staff members, Ed Cross and Holly McGinnis. Ed is one of the most respected and effective oil and gas lobbyists in the nation, and he is out there working for us every day. Holly is nearing her one-year anniversary with KIOGA and has proven to be a tremendous asset to the organization through her organizational and communication skills.

I'm hoping each of you have many of your own blessings to be thankful for this year. I wish each of you a wonderful holiday season. ✨

All the best,

A handwritten signature in black ink, appearing to read 'Andrea Krauss', written in a cursive style.

KIOGA Chair

## Where Do Production Optimization And Lattice Dynamics Intersect?

Production Optimization can be defined as a fundamental practice to ensure recovery of developed reserves while maximizing profits. Profit maximization, in turn, is the capability of an operator to earn the maximum profit while minimizing cost. In financial management, profit maximization is the process which increases the earnings per share of the business.

Simplistically, the financial performance of a particular well is influenced by the characteristics of the well and reservoir such as pressure, well productivity, depth, diameter of the well, and physical properties of the fluids.

Oil properties such as API gravity, cloud point, pour point, paraffin content, asphaltene content, and viscosity affect well profitability. Water properties also impact profitability due to scale, corrosion, and disposal costs. Lastly, gas can be corrosive as well as effect pumping efficiency. When these three types of fluids come together, emulsions can also be problematic and thus affect production volumes and remediation costs.

Historically, on-going chemical programs have been employed to improve well profitability. Unfortunately, chemical programs are costly, do not end, and do not always yield the desired results, hence the need for hot oiling, knife cutting, or other costly workover techniques.

Since this article is about the intersection of production optimization and lattice dynamics, let's change gears and discuss lattice dynamics which are produced by motions of the atoms in a crystal or more generally, any solid material.

"We need to understand lattice dynamics to have a complete picture of solid materials (including pure crystals, salts, and alloys), and indeed of amorphous materials too. Understanding lattice dynamics is important for several key applications. The propagation of sound waves in crystals are a practical example of the role of lattice dynamics. For example, the absorption of certain frequencies is directly due to the existence of specific motions of a solid lattice. Lattice dynamics also gives us properties such as superconductivity, thermal conductivity, and thermal expansion. In the study of lattice dynamics, atomic motions are frequently found to be adequately described as harmonic travelling waves. Each wave can be fully characterized in terms of its wavelength, angular frequency, amplitude and direction of travel" (Dove, 2011). Therefore, it is possible to take advantage of properties of waves including constructive and destructive interference which provides access to the filtering of frequencies from a broadband source.

Revelant's patented band-pass filter technology is the intersection of production optimization and lattice dynamics. The lattice vibrations

of the Revelant tools are used to guide or control crystal polymorphism in oil and water.

The Revelant materials are not magnetic or nuclear, they do not use radio frequency, they are not "charged" nor are they externally powered. They absorb the energy of the surrounding environment and filters specific frequencies of the energy source. The filtered frequencies are transmitted and drive *changes in the physical characteristics of the well fluids*. In this way, the materials affect the way that molecules in the fluids vibrate and changing molecular-level vibrations affects how molecules interact with one another.

Laboratory Analysis



Sample	Pour Point (°F)	Gravity (°API)	Cloud Point (°F)	Viscosity (cP)
Before	-0.4	27	161.1	18,500
After	-11.2	34	67.3	10

The results are production at a lower cost because paraffin commonly remains soluble, asphaltenes continue to be dispersed, calcium carbonate crystal polymorphs change and/or remain more soluble, and the oil/water interfacial tension is changed affecting emulsions, oil carryover, and tank bottoms.

"Started working with Revelant five years ago. Had my doubts at first but after many tools run in different basins and formations, I am a believer and proponent of this technology. In many applications it has greatly reduced if not eliminated the chemical program and any scheduled hot oil treatments. We have also seen a reduction in workover costs. Looking forward to see what they come up with next." Robert Herritt, Huntington Energy LLC.

For more information, visit [www.revelant.com](http://www.revelant.com)



Author Amber Krummel, PhD is an associate professor at Colorado State University and leads Revelant's R&D efforts.

Reference: Dove, M. T. (2011). Introduction to the theory of Lattice DynamicsM. Retrieved November3, 2021, from <https://www.neutron-sciences.org/articles/sfn/pdf/2011/01/sfn201112007.pdf>.



**EDWARD CROSS**  
KIOGA PRESIDENT

**P**lease let me wish each of you and your family a most joyful holiday season and a healthy and happy New Year! Each of you makes a difference every day for our nation's energy security and economic well-being. You are a crucial part of what makes this nation function efficiently day to day. You are amazing!

This last year (2021) has been a time of uncertainty for our energy future. KIOGA's advocacy for the problems that our industry faces has only gotten more urgent as our state and nation recover from the COVID-19 pandemic.

Hanging over the entire landscape is the Biden administration's aggressive attack on the oil and gas industry. Proposed legislation and new regulations on carbon emissions, methane emissions, waters of the U.S., Endangered Species Act, and more provide very little if any concomitant benefit and could be an impediment on every component of the American economy. As an industry, we must intensify our advocacy efforts to not only protect our industry, but also protect the modern way of life and high standard of living of all Americans.

KIOGA, its members, and its allies are now as busy, relevant, and strong in our

## OPPORTUNITIES ARISE from Addressing Critical Issues

efforts as at any time in the association's history, working on behalf of the Kansas independent oil and gas industry. As has been the case historically through times of challenge, industry adapts and evolves to produce the next generation of dynamic growth and success.

Over my 30-plus years in an oil and gas career, I have seen many changes in the oil and gas industry. But at no time in my career have I experienced a time of more dramatic and rapid change than what's happened over the last two years. I don't know a lot of things about the future, but I do know the pace and complexity of change will likely increase. Tension between oil and gas developers and environmental concerns will continue to be a significant challenge. However, I also believe great opportunities can arise from addressing critical issues.

As we have done in the past, your KIOGA team is rising to meet these challenges. We've been leaders in the discussions taking place in Washington and Topeka about key energy policy concerns

including tax policy and energy policy. At the same time, we're aggressively combating federal and state regulatory onslaughts with facts and analyses.

KIOGA's vision is simple—to promote the development of Kansas' oil and natural gas resources for the betterment of society. We recognize that our members truly are the fabric of many communities throughout Kansas. KIOGA members not only employ and support over 100,000 Kansans and their families with good-paying jobs boosting our state economy, but also pay significant taxes and often make significant charitable gifts that support communities and general overall well-being of our state.

Through rigorous engagement at the state and federal level, KIOGA works to create a more stable and predictable political and regulatory environment for our members. We are committed to being a positive, credible, and proactive voice for industry, promoting respectful dialogue and education to advance oil and gas interests at the state and federal level.



Today, crude oil and natural gas market dynamics, federal and state policy issues, government regulation, and constant opposition from environmentalist opponents are fundamental challenges to independent producers. Yet, independents simply will not give up. They never have, despite the challenges, because risk-taking is a way of life.

Our industry has lived through several ugly downturns in the past, and we know that patience, persistence, insight, and innovation pay off. KIOGA looks forward to working with all of you and our partners across the nation to come together, take stock, and prepare for brighter days ahead.

After 84-plus years, KIOGA continues to be a determined advocate committed to defending the oil and gas industry against anti-oil and natural gas senti-

ment and onerous policies focused on weakening this important industry.

It is only with your support that we are able to accomplish these goals. I would like to especially thank each and every one of you for your participation and commitment to our association during these challenging times.

Your continued support will allow us to proactively engage state and federal policymakers and regulatory officials to aggressively defend our industry and promote the development of Kansas' oil and gas resources.

Going forward in 2022, your support of KIOGA is even more vital to our future. The work we have done over the past several years to educate policymakers and the public about our industry has

laid a foundation for moving forward. Our voice is being heard, and many key policymakers and government officials look to KIOGA for guidance on sensitive and critical oil and natural gas issues.

KIOGA will be here to inform and guide our industry through any challenges. We will stay vigilant and stand up for different issues pertinent to our industry and America's future.

On behalf of the KIOGA board and voluntary leadership, I thank you for your continued membership and support. Your membership makes a positive difference, and your support is vital to our industry's future. ✍

*Edward P. Cross*

KIOGA President

## Warm wishes for a wonderful holiday season with family and friends.



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# KIOGA ENGAGES IN FEDERAL BUDGET RECONCILIATION PROCESS TO PROTECT SMALL PRODUCERS

**T**he Biden administration and the U.S. Congress continue their efforts to pass into law the *Infrastructure Investment & Jobs Act* and the *Build Back Better Act* which could include billions of dollars investing in subsidized “green energy” policies as well as promoting policies harmful to the oil and gas industry. These harmful policies include a methane fee proposal and more. It is estimated the Build Back Better Act will cost the average American household nearly \$27,000.

The reconciliation package would destroy jobs, weaken America’s geopolitical standing, and impose crushing new energy costs on Americans who can least afford to pay. Although supporters of these harmful policies claim these efforts are focused on environmental protection, this legislation has nothing to do with addressing climate change or protecting the environment.



KIOGA has been engaged meeting with several key federal policymakers to express our opposition to these enormously damaging policies and historically large tax increases. KIOGA President Edward Cross met with 22 federal policymakers in September (nine Democrats and 13 Republicans) and 23 federal policymakers in October (five Democrats and 18 Republicans).

KIOGA followed-up each of the meetings by providing the policymakers and staffers white papers, briefing sheets, and other reference material to support our positions.

## Big Tax Wins for Oil & Gas from the U.S. House Ways & Means Committee

On September 15, the U.S. House of Representatives Ways & Means (W&M) Committee wrapped a marathon session on the Democrat tax increase bill. Critical oil and gas industry tax provisions were at risk during the session. KIOGA provided detailed information to several W&M members explaining and defending the need to retain critical oil and gas tax provisions (namely percentage depletion and intangible drilling costs). U.S. Representative **Ron Estes** (R-KS) is a member of the W&M Committee and was a champion defending our critical tax provisions. The bill was passed out of W&M Committee on September 15 with only Democrat votes. As of this writing, the Senate continues to work on their version of the reconciliation package. This will likely be a lengthy process that doesn’t conclude until late December. The bill that passed out of W&M Committee included **no changes to current law regarding intangible drilling costs, percentage depletion, or deduction for oil and gas production from marginal wells.**

While this is good news for the small businesses that make up the independent oil and gas industry, the W&M bill still has tax concerns. The House Democrat tax package is the largest tax increase in the history of our country. The bill includes a reinstatement of a long lapsed 16.4 cent per gallon tax on crude and imported petroleum

products to fund Superfund cleanups of contaminated industrial sites and expands the electric vehicle tax credits up to \$12,500 per vehicle.

## KIOGA Meets with Key Policymakers

In late September, KIOGA President Edward Cross joined a team from the Domestic Energy Producers Alliance (DEPA) in meetings with several key federal policymakers to talk about the reconciliation bill. KIOGA met with U.S. House Minority Leader **Kevin McCarthy** (R-CA), House Minority Whip **Steve Scalise** (R-LA), and Representative **Elise Stefanik** (R-NY). We also met with several members of the House Energy Action Team (HEAT) including Representatives **Ron Estes** (R-KS), **Jeff Duncan** (R-SC), **Markwayne Mullin** (R-OK), **Kelly Armstrong** (R-ND), **Lauren Boebert** (R-CO), and **Steve Palazzo** (R-MS).

On the House Democrat side, KIOGA met with members of the House Democrat Oil & Gas Caucus including caucus chair **Vicente Gonzales** (D-TX) and caucus members **Filemon Vela** (D-TX), **Henry Cuellar** (D-TX), **Colin Allred** (D-TX), **Marc Veasey** (D-TX), and **Lou Correa** (D-CA).

On the U.S. Senate Side, KIOGA met with Senate Republican Leader **Mitch McConnell** (R-KY), Senate Environment & Natural Resources (ENR) Committee Chair **Joe Manchin** (D-WV), Republican Ranking ENR Committee member **John Barrasso** (R-WY), and ENR Committee member **Angus King** (I-ME). We also met with the Republican Ranking Senate Finance Committee member **Mike Crapo** (R-ID), Senator **Jon Tester** (D-MT).



In all the meetings, we urged NO votes on the reconciliation bill in general. Cross told the policymakers the \$3.5 trillion reconciliation bill includes numerous items that would decimate American oil and natural gas producers. The reconciliation package would destroy jobs, weaken America's geopolitical standing, and impose crushing new energy costs on Americans who can least afford to pay. The small businesses that make up the America's independent oil and gas industry are under assault. From elimination of percentage depletion and intangible drilling costs (IDC) to implementation of a new "methane emissions fee," everything is on the table as Speaker Pelosi looks for ways to hamper American oil and natural gas producers. These proposals will cost thousands of jobs across the country and harm not only oil and natural gas workers, but the communities that rely on the economic activity generated by this production.

Although the supporters of the bill claim these efforts are focused on environmental protection, this legislation has nothing to do with addressing climate change or protecting the environment. Cross urged all the policymakers to vote "no" on this ill-advised proposal.

We also urged the policymakers to keep a methane emission fee out of the reconciliation process and how a methane emission fee would be a wrong path to manage methane. KIOGA updated several of our white papers and reference material on oil and gas taxes, methane fees, and provided this information to all policymakers and staff. This information includes:

- 1. KIOGA letter urging policymakers to vote "NO" on the Budget Reconciliation Bill**
- 2. KIOGA letter explaining how a methane fee is the wrong path to manage methane**
- 3. Methane Tax Summary**
- 4. Summary of Critical Oil & Gas Tax Provisions**
- 5. Reasons to Maintain Critical Oil & Gas Tax Provisions**
- 6. Origin & Evolution of the Percentage Depletion Allowance**
- 7. IDC Summary**
- 8. Comparison of Oil & Gas Tax Provisions for Majors and Small Independents**
- 9. Economic Impact of Independent Oil & Gas Industry**
- 10. State of the Oil & Gas Industry**

If you would like to see a copy of any of the reference material and/or letters, please contact the KIOGA office at [holly@kioga.org](mailto:holly@kioga.org) and we will send you a copy.

KIOGA received several responses from many of the policymakers. Responses included:

"I greatly appreciate your advocacy on these issues."

"This information is extremely helpful, and we will utilize it to push back on the terrible policies contained in the budget reconciliation bill."

"You've got to be the hardest working lobbyist I know. I do appreciate the talking points and summaries."

"Thank you, Ed! This is really helpful. We will stay in touch."

*Marginal Well Protection Act*—On October 19, Kansas Congressman Ron Estes led a group of congressional members to introduce the Marginal Well Protection Act. KIOGA worked with U.S. Rep. Ron Estes (R-KS) on this legislation. The proposal (the Marginal Well Protection Act) would prevent the EPA from levying excessive methane emission fees for wells that produce less than 15 barrels of oil per day (BOPD) and less than 90 Mcfpd (thousand cubic feet per day) of natural gas. Congressman Estes announced the proposal in an October 19 press release. The announcement is part stated:



RON ESTES (R-KS)

WASHINGTON—Today Rep. Ron Estes (R-Kansas) introduced the Marginal Well Protection Act—that prevents the EPA from levying excessive methane emission fees for wells that produce less than 15 barrels of oil and less than 90 Mcf of natural gas per day.

“Kansas has a rich history in powering our world, and independent oil and gas producers fuel economic growth and innovation in our state,” said Representative Estes. “This common sense legislation protects small producers from burdensome fees that harm the industry and Kansas families.”

“I’m thankful for Representative Estes’ leadership in our region and for introducing this critical legislation that protects local producers from overbearing federal fees,” said Ed Cross, President, Kansas Independent Oil and Gas Association. “It just makes sense that marginal wells should not be subject to the same excessive EPA fees that are imposed on large producers.”



**KIOGA Continues Vigilance by Meeting with Key Policymakers Again**  
KIOGA continued active engagement in the federal budget reconciliation process working to protect the small producers that make up the Kansas oil and gas industry. On October 20–22, KIOGA President Edward Cross joined members of the Domestic Energy Producers Alliance (DEPA) in meetings with 23 key federal policymakers including:

#### U.S. SENATORS

Sinema (D-AZ)	Cassidy (R-LA)
Manchin (D-WV)	Barrasso (R-WY)
Senate Republican Leader McConnell (R-KY)	Marshall (R-KS)
	Daines (R-MT)
	Cramer (R-ND)

#### U.S. REPRESENTATIVES

Cuellar (D-TX)	Armstrong (R-OK)
Hern (R-OK)	Carter (R-TX)
Gonzalez (D-TX)	Estes (R-KS)
Pfluger (R-TX)	Burchett (R-TN)
Veasey (D-TX)	Bice (R-OK)
Balderson (R-OH)	Boebert (R-CO)
Mullin (R-OK)	House Minority Leader McCarthy (R-CA)
Bucshon (R-IN)	

KIOGA provided each of the lawmakers information about how the reconciliation package would destroy jobs, weaken America’s geopolitical standing, and impose crushing energy costs on Americans who can least afford to pay.

KIOGA also strongly urged support for retaining percentage depletion allowance and expensing of intangible drilling costs and provided information on why a methane fee was bad policy and the wrong way to manage methane emissions. The Republican lawmakers agreed with these positions. We were very surprised in a positive way by the response received from the Democrat lawmakers including Senator Sinema, Senator Manchin, and Representative Cuellar saying they too were supportive of retaining percentage depletion, IDCs, and not imposing a methane fee. The House Democratic Oil & Gas Caucus Chair (Representative Vicente Gonzalez (D-TX)) drafted a letter signed by the caucus and sent to Senator Manchin on the Senate side stating:

**“We firmly believe that the budget reconciliation bill should not unduly disadvantage any industry and oppose the targeting of U.S. oil, natural gas, and refining with increased taxes and fees and the exclusion of natural gas from clean energy initiatives. These inequitable policies will cost American jobs, move America farther away from energy independence, and will slow the country’s move toward a lower carbon future.”**



top row, left to right: U.S. Senator Kyrsten Sinema (D-AZ), U.S. Rep. Henry Cuellar (D-TX), bottom row, left to right: U.S. Rep. Vicente Gonzalez (D-TX), and U.S. Senator Joe Manchin (D-WV).

KIOGA received a request from Senator Manchin’s office on October 16 asking for information on oil and gas management improvements and KIOGA’s thoughts on industry environmental practices going forward. KIOGA President Edward Cross provided Senator Manchin a detailed summary of oil and gas industry management improvements over recent years and information on industry environmental practices going forward. ✪

*If you would like to see a copy of the information KIOGA submitted to Senator Manchin and other key policymakers, please contact the KIOGA office at [holly@kioga.org](mailto:holly@kioga.org) and we will send you a copy.*

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## Waters of the U.S. Rule (WOTUS)—

# ANOTHER TWIST



On September 3, the EPA announced a reversion to a pre-2015 definition of Waters of the United States (WOTUS) following a ruling by the United States District Court for Arizona, finding that the Trump-era Navigable Waters Protection Rule (NWPR) issued in 2020 was inconsistent with the federal Clean Water Act.

The NWPR was promulgated and meant to replace the Obama-era 2015 Clean Water Rule, which in turn was meant to replace and provide certainty regarding the definition of WOTUS following the United States Supreme

Court's decision in *Rapanos v. United States*, 547 U.S. 715 (2006), in which a split Court provided dueling definitions for what constituted WOTUS.

A block of four justices led by Justice Scalia found that WOTUS was limited to navigable waters, those which directly contributed to navigable waters, and those which were a relatively permanent, standing, or continuous body of water, including wetlands. Justice Kennedy, who was the deciding fifth vote in the case with the Scalia block, defined WOTUS to include those traditional navigable waters and those waters

which had a substantial nexus to a traditional navigable water. Justice Kennedy argued that a nexus exists where the wetland or waterbody, either by itself or in combination with other similar sites, significantly affects the physical, biological, and chemical integrity of the downstream navigable waterway.

Between 2006 and 2015 the EPA developed guidance setting forth its interpretation of *Rapanos* which concentrated on Justice Kennedy's one-man opinion in support of the larger plurality of the Court. The result was general dissatisfaction amongst the regulated community due to a lack of certainty as to what constituted jurisdictional waters. We have now returned to this regime of uncertainty following the Arizona District Court's ruling.

Adding to the uncertainty moving forward is the question of whether the Arizona District Court's ruling applies nationwide or only in Arizona. Further, the court itself is weighing whether to resurrect the Obama-era rules, which had been removed by the Trump administration, or revert to the pre-Obama *Rapanos* regime. Even further, the Biden administration has announced its intent to introduce a new rule vacating the NWPR, reinstating the Obama-era rule, and simultaneously developing a third WOTUS rule. Under any circumstance, there is significant uncertainty ahead with regard to the issue of WOTUS. ❧

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# The Membership that Makes a Difference!



**W**hen you get your KIOGA dues statement, have you ever wondered what that represents? What do I get for my membership dues? How can my membership make a difference in the oil and gas industry?

KIOGA is a nonprofit member organization, so we work to use your dues in an effective manner to represent you in Topeka and Washington, D.C. Our biggest expenses are related to government relations and the opportunity to keep you informed.

When KIOGA meets with state legislators or federal policymakers, one of the first points KIOGA makes is that we represent nearly 3,000 members. This is very significant because they are all voters. Other organizations represent large companies, but not necessarily voters.

What does this mean for you? It means state legislators and federal policymakers listen to KIOGA's position on issues, and if we support an issue, it helps them vote for that issue. IF KIOGA opposes an issue, they will work to find a solution. They don't like to upset voters.

For 84-plus years, KIOGA has helped the Kansas independent oil and gas industry prosper through all kinds of market conditions!

By creating value-added products and services for KIOGA members, KIOGA is building membership legacy value. Through offerings specifically designed to retain our existing members and

add new ones, KIOGA is creating membership value. Membership value opportunities are created in four distinct areas: (1) Government Relations, (2) Publications, (3) Members Services, and (4) Public Relations.

KIOGA has developed a **KIOGA Membership Resource Guide** and **KIOGA Membership Brochures** that provide a concise summary of the benefits of KIOGA membership highlighting KIOGA's advocacy priorities, meetings, business development events, and other value-added activities. These new membership marketing materials are available to all members who would like to use them in mailings to clients or distribution. You can find them on the KIOGA website at [www.kioga.org](http://www.kioga.org), or contact the KIOGA office for copies.

Association membership numbers are important to legislators. Greater membership numbers enhance the grassroots program and increase the effectiveness of the collective voice of the industry. Today, KIOGA has nearly 3,000 members. However, there are still far too many companies and individuals that do not belong. We must continue to build association membership!

KIOGA has always believed that the key to building an outstanding organization was in developing proactive programs that met the needs of our members. At the same

time, we have never forgotten that our primary priority is to advocate for the Kansas oil and gas industry. We understand the difficulties you faced during hard times and the patient caution taken during not so bad times. KIOGA continues to develop a strong voice through our membership growth and have created a government relations program second to none. Our track record reflects our emphasis on results.

If you are not a member of KIOGA, we encourage you to join. Through KIOGA, you can play a significant role in our efforts to win the political battles in Topeka and Washington, D.C. and the public relations battle in the court of public opinion. Join us today. Your membership does make a difference! ✦





# MEMBERSHIP APPLICATION

THANK YOU FOR YOUR COMMITMENT TO KIOGA.

Please indicate your desired membership level and return this form, along with payment to:

**800 SW Jackson Street, Suite #1400, Topeka, Kansas 66612-1216.**

You may also join online at [www.kioga.org](http://www.kioga.org).

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*(If you are an operator in Kansas, we ask you to consider joining as a producer member. Contact KIOGA for more details.)*

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A special group rate for rooms has been secured at the **Ramada Convention Center Downtown Topeka**. A special group rate of \$89 will be available for the evening of Tuesday, January 18, 2022. The Ramada Convention Center Downtown Topeka is located at 420 SE 6<sup>th</sup> Street, Topeka, Kansas 66607. Reservations can be made at **785-234-5400** or **800-432-2424** and refer to group code **Kansas Independent Oil & Gas**. Reservations made after January 7, 2022 will be accepted on a space available basis.

**KANSAS INDEPENDENT OIL & GAS ASSOCIATION (KIOGA)  
EASTERN KANSAS OIL & GAS ASSOCIATION (EKOGA)  
AMERICAN PETROLEUM INSTITUTE (API)**

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Barring COVID-19 orders restricting and/or prohibiting gatherings in the Kansas Statehouse, the Kansas Independent Oil & Gas Association (KIOGA), Eastern Kansas Oil & Gas Association (EKOGA), and American Petroleum Institute (API) will sponsor an “Oil & Gas Day” legislative reception event during the 2022 Kansas Legislative Session. The event is scheduled to be held in the **north wing of the first floor** of the **Kansas State Capitol in Topeka on Wednesday, January 19, 2022 from 7:30 a.m. to 9:30 a.m.** Breakfast will be offered to all Kansas lawmakers and governmental decision-makers as well as all KIOGA, EKOGA, and API members who attend. Our legislative sponsor is **State Representative Troy Waymaster (R-Bunker Hill)**. The 2022 reception marks the 16<sup>th</sup> consecutive year we have organized the event. The event has proven to be very effective for building good will and providing an opportunity for our industry to communicate with legislators on issues important to our industry. Mark your calendars, and we will see you in Topeka on January 19!

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## IOGCC Introduces Resolution to Oppose Federal Action to Expand “Green Energy” Policies

**T**he Interstate Oil & Gas Compact Commission (IOGCC) introduced a resolution on November 9, urging the President of the United States and Congress to not adopt legislation further incentivizing unreliable “green energy” and establishing harmful taxes on oil and gas.

According to the action plan, if the resolution passes, IOGCC will send copies of the resolution to President Biden, Vice President Harris, key administration officials, and Congressional leaders to encourage them to oppose and reject legislative actions by the President and Congress to expand “green energy” policies and the promotion of policies that would be harmful to reliable energy sources like oil and natural gas. KIOGA expressed support for the resolution.

“The ‘green energy policies’ promoted by President Biden and progressive members of Congress would destroy jobs, weak-

en America’s geopolitical standing, and impose crushing new energy costs on Americans who can least afford to pay,” said Edward Cross, KIOGA President. “Although supporters of these harmful policies claim these efforts are focused on environmental protection, this legislation has nothing to do with addressing climate change or protecting the environment. KIOGA is proud to stand with the IOGCC on this very important issue.”

The IOGCC is a multi-state government agency that works to ensure our nation’s oil and natural gas resources are conserved and maximized while protecting public health, safety, and the environment. IOGCC was created more than 80 years ago to resolve common issues and share best practices for industry regulation, minimizing federal intervention. KCC Commissioner Susan Duffy is Kansas’ official IOGCC representative. KCC Oil & Gas Conservation Division Director Ryan Hoffman and KIOGA President Edward Cross are IOGCC Associate Representatives. ⚡

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**785-232-7772 [holly@kioga.org](mailto:holly@kioga.org)**

# KIOGA

*The Voice of the Kansas Independent Petroleum Industry*  
Founded in 1937

# PREPARATIONS UNDERWAY FOR 2022 KANSAS LEGISLATIVE SESSION

## Several Challenging Issues Could Emerge

**The oil and gas industry continues to face many challenges. We have powerful enemies that want to severely limit our access to abundant reserves of oil and natural gas, shut down drilling because of exaggerated issues, litigate us to death, and unfairly tax and regulate us to the breaking point.**

The challenges we face today have grown both in number and complexity. Those who oppose American energy development at the state and federal level use environmental and regulatory issues to disrupt orderly oil and natural gas development and influence policymakers. They use these issues not to make energy development better, but to impede or stop oil and natural gas development.

KIOGA proudly works with leaders in the Kansas Legislature, U.S. Congress, and state and federal regulatory agencies. As a professional advocate for the Kansas oil and natural gas industry, KIOGA uses our significant advocacy experience and talent to form strong and productive bipartisan relationships with state and federal policymakers as well as state and federal regulatory agencies.

The bottom line is that unsound policies, regulations, and public

perceptions threaten the profit and growth opportunities of every company in the oil and natural gas industry. Companies need the best and latest advocacy. KIOGA's government affairs efforts are unparalleled.

KIOGA has been busy preparing for the upcoming 2022 regular Kansas Legislative Session. Many KIOGA members have been participating in legislative and regulatory meetings focusing on issues important to the independent oil and gas industry. KIOGA has also engaged in interim committee hearings to cover the interests of the independent oil and gas industry.

### **KIOGA State Advocacy Strategy**

The 2022 Kansas Legislative Session will begin January 10, 2022. The core focus of KIOGA's work at the Statehouse during the 2022 legislative session will be on protecting the Kansas oil and gas industry from increased costs while also defending industry gains made in recent years.

KIOGA supports a rational, data-driven, common-sense approach to energy policy that recognizes our best energy future can only be achieved through a true all-of-the-above energy strategy. We will:



- Oppose any legislation designed to stop oil and gas production or measures that have very little environmental benefit but high associated costs. This includes restrictions on hydraulic fracturing, waste management, emissions, injection wells, or other measures designed to stop oil and gas production.
- Support legislative study/action on the competitiveness of Kansas energy rates, including electric generation deregulation.
- Oppose mandates and policies that increase costs when sourcing energy.
- Oppose policies picking winners and losers among energy sources and technologies.
- Support efforts to limit or block federal regulations which overreach and impose undue expense and regulatory burden on the Kansas oil & gas industry.
- Encourage the least restrictive method of regulation that supports the goal of protecting the public without limiting business activity.
- Oppose measures to limit the availability of partition to mineral owners.

KIOGA will urge the legislature to reduce cost of doing business, and will:

- Oppose any measures that target the oil and gas industry for increased local or state tax base.
- Support measures that reduce government spending instead of increasing the cost of doing business through tax increase.
- Support tax policies that treat all energy sources equally, allowing market demand to drive efficiencies.

The KIOGA legislative agenda for the 2022 legislative session will be one in

which we will work to minimize legislative assaults on the independent oil and gas industry and optimize legislative targets of opportunity. In preparation, KIOGA prepared our annual state and federal legislative/regulatory/communication agenda. KIOGA President Edward Cross will present this agenda to Governor Kelly and key Kansas legislators in January. The agenda lays out what's important to KIOGA members and where we stand on energy, tax, and regulatory issues.

Meeting with Governor Kelly and Key House & Senate Leadership—KIOGA President Edward Cross will be meeting with Governor Kelly in January to provide an update on the state of the Kansas oil and gas industry and to share KIOGA's legislative agenda which lays out what's important to KIOGA members and where we stand on energy, tax, and regulatory issues. Cross will also be meeting with the House Speaker, Senate President, and Chairs of the key energy and tax committees in separate meetings in January to discuss energy issues and begin laying groundwork for the upcoming 2022 Kansas Legislative Session.

### What to Expect in the Upcoming Session

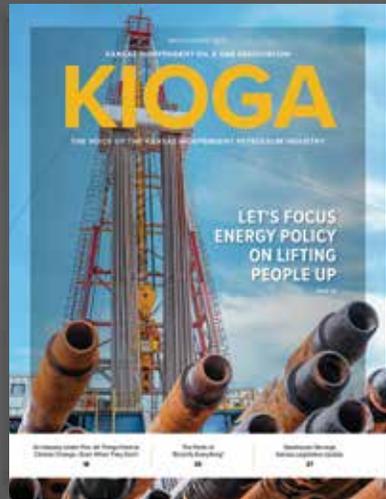
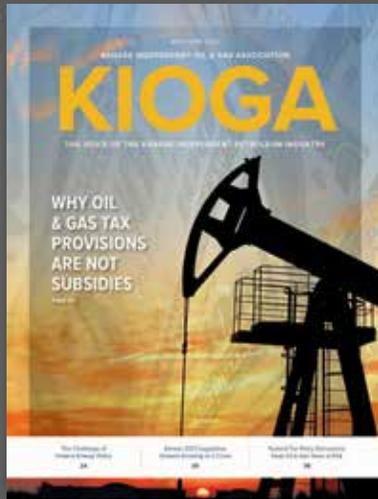
Kansas House and Senate committee assignments are expected to stay the same as last session (2021) with exception of a few Senate Committees. In October, Senate President Ty Masterson (R-Andover) named Senator Rob Olson (R-Olathe) to chair the Senate Federal & State Affairs Committee in 2022 replacing Senator Larry Alley (R-Winfield) who is now Senate Majority Leader. Olson was Chair of the Senate Commerce Committee and Masterson named Senator Renee Erickson (R-Wichita) to chair



the Senate Commerce Committee in 2022. Masterson also created a new Senate Committee on Redistricting and named Senator Rick Wilborn (R-McPherson) to chair the committee.

**Economic Forecast**—Slow economic recovery from the sudden and severe contraction of 2020 is expected to continue in the Kansas economy in 2022. Kansas Gross State Product (GSP) is projected to grow by 3.6% in 2022. U.S. Gross Domestic Product (GDP) is projected to grow by 4.4% in 2022. Kansas State General Fund receipts increased by 19.5% above estimates through September 2021. Eight tax sources were above estimates by more than \$1 million and no tax source fell below estimates by more than \$1 million.

Several issues affecting the Kansas oil and gas industry could emerge during the 2022 Kansas Legislative Session. KIOGA will stay vigilant identifying and preparing for emerging issues. KIOGA will also continue to work to improve and maintain relationships with key lawmakers and decision-makers on active initiatives and engage in policy developments affecting the Kansas oil and gas industry. ✍



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# A Puzzle of Contemporary Society

The climate of opinion surrounding climate change is a powerful social force. A puzzle of contemporary society is the broad acceptance by young people (Millennials and Gen Z). This climate of opinion acts independently of the facts and the science of climate change. It is nothing short of a calamity for Millennials and Gen Z, yet it is promoted to appeal to them. It grants them a halo of climate victimhood while hiding the truth from them. They are indeed victims. Their prospects are already blighted by the financial crisis and the accumulation of massive public debts. Theirs is the generation that will bear the main burden of climate change policies. Decarbonization will greatly diminish already weakened economies. Millennials and their children won't benefit from climate policies; only those born in the second half of this century will begin to see any net benefits.

This was the message KIOGA President Edward Cross presented to KU students, faculty, and others when he spoke about the negative impacts of the Green New Deal at the **Dole Institute of Politics** at the University of Kansas on October 8. This comment generated several questions from the audience that shaped the focus of the debate on facts and science about this puzzle. Cross was invited to speak at the event opposite of Dr. Dorothy Daley, Associate professor of Political Science at KU.

The event was a great opportunity to present objective facts and science about a number of important energy policy issues. The moderator was good. She asked questions about the



Green New Deal and allowed both of the panelists to answer. Dr. Daley's responses were largely philosophical and anecdotal. Dr. Daley's responses centered around social justice issues. Cross provided facts and information about how climate policies, including the Green New Deal, would be devastating to low-income families and those who could least afford cost of living increases. The debate went very well. While the audience did not likely leave the event fully supportive of the ideas presented, it appeared many started thinking about the real consequences of climate policies. ❧

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# Making an Impact

## KIOGA Continues Vigorous Public Information Campaign

**These are critical times for the oil and gas industry, economically and politically.** An informed public has never been more necessary. Leading the way for the Kansas oil and gas industry in Kansas, Topeka, Washington, the media, and the public, KIOGA continues to serve as the primary source of information on issues ranging from oil and gas taxation, environmental/regulatory issues, economic impact, energy policy, and more.



When our industry is attacked in media, by activist groups, or others, KIOGA stands ready to respond. KIOGA has developed fact sheets, talking points, issue briefs, press kits, and industry information on current and relevant energy and industry topics. Major Kansas media outlets, policymakers, and many public groups depend on KIOGA's expertise and explanations and turn to KIOGA as the leading oil and gas industry news source in Kansas.

Included in KIOGA's fact sheets and messages are information that communicates how the independent oil and natural gas industry cares and

addresses people's needs and concerns. We illustrate how responsibility is an integral part of the industry's decisions and considerations.

KIOGA's public information initiatives efforts are proactive, forward-looking efforts. The Association has worked to develop salient messages and thorough, well-prepared materials to counter threats and attacks to the independent oil and natural gas industry.



### Kansas Economic Outlook Conferences

KIOGA President Edward Cross made presentations on the State of the Oil & Gas Industry at two Kansas Economic Outlook Conferences. On October 12, KIOGA spoke at an economic outlook conference at **Pittsburg State University**. KIOGA made the presentation again on October 14 at an economic outlook conference in **Salina**. The conferences were part of the Wichita State University Center for Economic Development & Business Research (CEDBR) economic outlook series. KIOGA's presentations on the State of the Oil & Gas Industry summarized the energy picture today and provided the latest information on the economic impact of the Kansas oil and gas industry.



### KIOGA Interviewed About Methane on National Agriculture Radio Talk Show

KIOGA did a live interview on the "Adams on Agriculture" radio talk show on the American Ag Network on September 30. Adams on Agriculture is a national agriculture radio talk show airing on Sirius/XM radio across the nation. Folks at the American Ag Network saw KIOGA President Edward Cross' September 8 editorial in the *Kansas City Star* and sought the live talk show radio interview. Cross was interviewed about the federal reconciliation bill and the methane fee. Cross explained how the methane fee proposal in the reconciliation bill was the wrong way to manage methane emissions and why the methane fee proposal and reconciliation bill in general was bad policy. It was broadcast live on Sirius/XM radio.



### KIOGA Editorials Appear in Media Across Kansas

KIOGA distributed editorials to media across Kansas and elsewhere over the last several weeks. An editorial titled *Methane Emissions Tax: Wrong Path to Manage Methane in Kansas and Beyond*

appeared in the *Kansas City Star* in September. In addition, a separate editorial titled *Energy Matters—A Lot* appeared in 17 newspapers across Kansas in October.

Also, in October, *The Sentinel* magazine ran an article about the methane fee proposal in the federal budget reconciliation bill. The article titled *Biden \$3.5 trillion boondoggle slaps methane tax on oil and gas producers* quoted KIOGA saying the methane fee proposal was the wrong way to manage methane emissions.



### **KIOGA Interviewed Live on KSN TV on Natural Gas Prices**

KIOGA delivered a live TV interview to KSN from Wichita on October 19 on natural gas prices and reasons why natural gas prices could spike this winter. KIOGA President Edward Cross explained how a slow rebound in natural gas production following tropical storm Nicholas and Hurricane Ida combined with globally tight supplies, and bad energy policy have natural gas prices hovering near a seven-year high.



Cross said natural gas is one of the preferred sources of energy in this country not only for electricity and factories but mainly as a heating source for people's homes. Over 50% of U.S. homes are heated by natural gas, and even those that use electric heat pay for natural gas price increases through the back door as 38% of total U.S. natural gas consumption goes into providing electricity.

In mid-September 2021, natural gas supplies in storage were 16.8% below year-ago levels and 7.2% below the five-year average. U.S. natural gas production needs a big bounce so those supply deficits don't grow to cause a situation that could leave us vulnerable to price spikes if not shortages.

The anti-drilling campaign by the Biden administration has created a situation where U.S. production is stagnant as opposed to growing. Natural gas production fell to 91.7 billion cubic feet in the first half of 2021. As a result, natural gas future prices have risen 94% since President Biden was inaugurated. That is the biggest surge in natural gas prices going back to the year 2000.

That pullback in U.S. natural gas output has exasperated a global shortfall of natural gas that is driving prices to record highs in Europe and Asia.

The segment aired on KSNW in Wichita and KSNT in Topeka on October 20.

### **KIOGA Magazine Garners Praise**

KIOGA's magazine continues to garner praise and national recognition. The magazine, published six times per year, delivers practical information about national and state policy discussions,



regulatory issues, public relation efforts, business strategies, and important emerging trends affecting your business. The *KIOGA* magazine continues to be a nationally recognized and industry-leading communication tool. KIOGA has received many positive endorsements from members, other oil and gas groups, national publications, and professionals from across the nation. Some comments KIOGA has received in the last few months include:

"Your newsletter is very informative and easy to comprehend. It is about the only source I now read to stay current."

"Your newsletter is excellent! I consider it as my number one resource for keeping up with federal and other issues."

As debate around oil and natural gas production continues to resonate around the country, KIOGA continues our vigorous campaign to provide fact-based scientific information to inform policymakers and the public about the economic, environmental, and social benefits of safe and responsible oil and natural gas development. ✍



# Methane Emission Regulatory Update



## KIOGA Submits Comprehensive Methane Emission Comments

KIOGA's advocacy efforts on federal regulatory challenges facing the Kansas oil and gas industry continues. KIOGA is actively engaged and vigilant in staying on top of federal regulatory concerns impacting Kansas oil and gas producers and reporting to membership. KIOGA continues to work with our allies at DEPA, IPAA, and Liaison Committee of Cooperating Oil & Gas Associations and others to engage not only in advocacy on the regulatory front, but also in legal challenges. Since there is not room to include an in-depth look into all of KIOGA's efforts in every issue of our newsletter, please check our website at [www.kioga.org](http://www.kioga.org) for the latest information on KIOGA's efforts on behalf of the Kansas independent oil and gas industry.

### **KIOGA Submits Comments to EPA on Proposed Oil & Gas Methane Rule**

On April 28, the U.S. Senate voted to approve a measure to rescind the Trump EPA rule that removed methane from regulation as a pollutant. This action essentially reinstated the 2021 and 2016 New Source Performance Standards (NSPS) for oil and natural gas under Subpart OOOO and OOOOa of the Clean Air Act.

Under the Trump rule, protection of human health and the environment would have continued through controls for volatile organic compounds (VOCs) for the production and processing

segments of the industry, reducing methane at the same time. The same technology that manages methane also manages VOCs. However, changing the targeted emission to be regulated from VOCs to methane opens a pathway to the regulation of one million existing facilities ("existing sources"), 750,000 of which are small business operations.

The Congressional action on this rule represents another of the Biden administration's measures to eliminate fossil fuels under the Green New Deal.

With Congressional action rescinding the Trump EPA methane rule, the

current EPA moved forward last June to develop a proposed new rule to regulate methane from new and existing sources in the oil and natural gas industry.

EPA established a *Small Business Advocacy Review (SBAR)* Panel to review oil and natural gas New Source Performance Standards (NSPS). KIOGA President Edward Cross was invited to participate as a "Small Entity Representative" (SER) on the SBAR. In addition to Cross' representation of Kansas, other SERs included representatives from the oil and gas industry in West Virginia, Pennsylvania, Michigan, Indiana, Kentucky, Oklahoma, and two national associations (DEPA and IPAA). The SBAR met with EPA in a Zoom meeting on June 29, July 6, July 29, and August 3. The EPA asked the SERs for information to justify provisions to help small businesses.

The EPA also accepted comments on the proposed new methane rule through August. KIOGA submitted comprehensive written comments focusing on the



in Kansas in 2019. The DOE study completed its field campaigns and are now processing and analyzing the field data. The final report is expected by the end of 2021. Preliminary results indicate that the vast majority of sites did not find any quantifiable or measurable emissions from wells or tank facilities.

The challenge going forward is helping the EPA interpret the study. Environmental activist groups are trying to misguide and steer the EPA into a flawed interpretation. KIOGA has been working with our peers to provide credible, science-based interpretation for the EPA to consider as they review the study results.

The EPA seems anxious to move forward. They have already sent the Office of Information & Regulatory Affairs (OIRA) the EPA proposed guidelines for the methane rule. KIOGA joined other groups in a meeting with OIRA and EPA in October when we voiced our concerns that the EPA appears to be moving ahead on guidelines for political reasons and ignoring the completion of a federally-funded study that addresses the emissions profile of low-production wells—something that should be key to the basis for any emissions guidelines. ⚡

significant cost-of-compliance issues and the need for EPA to recognize the low-production well emission profile. KIOGA's comments emphasized the Kansas oil and gas industry's recognition of the importance of environmentally sound, cost-effective regulations to manage methane emissions. KIOGA encouraged the EPA to find a regulatory pathway designed for the sources it regulates. KIOGA stated that any new regulatory actions should recognize the differences between existing small operations and newly built large facilities. You can find a copy of KIOGA's comments on KIOGA's website at [www.kioga.org](http://www.kioga.org).

KIOGA's comments also underscored the need for EPA to allow ample time to consider a federally-funded study of the emission profile of low-production wells. Starting in 2019, KIOGA joined associations from Michigan, Indiana, Illinois, Kentucky, West Virginia, and Texas to contract a USDOE study of methane emissions from marginal wells and facilities. Measurements were taken

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HALL OF FAME



**ELEVEN WELL-DESERVING RECIPIENTS** were inducted into Kansas Oil & Gas Museum Foundation Hall of Fame on October 23, 2021 at the Great Bend Events Center in Great Bend, Kansas. The awards banquet honoring the inductee's accomplishments drew a crowd of nearly 350. The evening's events were emceed by Scott Donovan and led by John Francis and included dinner, a keynote address by U.S. Senator Roger Marshall, M.D., and culminated with comments from each of the honored inductees or their representatives.

Sponsored by the Kansas Oil & Gas Museum Foundation of Great Bend, the Hall of Fame honor is awarded to members of the Kansas oil and gas community who are selected through a nomination process. Recipients are chosen for their dedication to, and participation in, the betterment of the Kansas oil and gas industry, as well as for their involvement and service to church, school, and other civic organizations. Six recipients were present for induction ceremony including:

**John O. Farmer, III,**  
John O. Farmer, Inc.,  
Russell, Kansas

**R.A. (Dick) Schremmer,**  
Bear Petroleum,  
Haysville, Kansas

**Cecil O'Brate,**  
Palmer Manufacturing & Tank, Inc.,  
Garden City, Kansas

**Gene Zaid,**  
GeoChemicals,  
Hutchinson, Kansas

**Kirk Rundle,**  
Kirk Rundle Consulting,  
Hays, Kansas

**James Remsberg,**  
Argent Energy, Inc.,  
Wichita, Kansas



Five recipients were inducted posthumously including:

**Kenny Link,**

Chase Well Service, Inc.,  
Great Bend, Kansas

**George E. Miller, Jr.,**

Miller Testing Company,  
Great Bend, Kansas

**J.C. Musgrove,**

Musgrove Petroleum,  
Wichita, Kansas

**Pierce Clyde Musgrove,**

Musgrove Drilling,  
Wichita, Kansas

**Barbara Wingfield**

**van den Berg Oringderff,**  
*Territorial Magazine,*  
Garden City, Kansas



**Dick Schremmer**



**Kirk Rundle**



**Gene Zaid**



**James Remsberg**

The Kansas Oil & Gas Museum Foundation was set to welcome this new group of honorees to the Hall of Fame in the Spring of 2020. But, like so many things, this celebration was postponed due to COVID-19. The Foundation was happy to pay tribute to those so deserving to be enshrined in this esteemed circle of oil and gas industry pioneers and leaders. KIOGA congratulates all of the 2021 Kansas Oil & Gas Museum Foundation Hall of Fame Inductees! κ



**John O. Farmer, III**



**Cecil O'Brate**

# KCC Regulatory Revisions Lead State Regulatory Concerns



**STATE REGULATORY ENGAGEMENT** is a core focus for KIOGA as we work to protect operational certainty across Kansas. KIOGA regulatory efforts emphasize common-sense regulatory policy and includes engagement at all levels with state regulatory agencies. KIOGA engages in a number of state regulatory issues. Several KIOGA members have participated in regulatory meetings focusing on issues important to the independent oil and natural gas industry.

**KIOGA Engaged in KCC Regulatory Revision Considerations**—KIOGA continues to engage in Kansas Corporation Commission (KCC) proposed regulatory revisions considerations. Former KIOGA Chairman Ken White is the official KIOGA representative on the KCC Oil & Gas Advisory Committee. Ken is working with several KIOGA members to engage the KCC on regulatory concerns including proposals to revise temporary abandonment regulations, induced seismicity issues, and more. Most recently, several KIOGA members have been working with Ken White to address KCC proposals to change temporary abandonment regulations. The KCC has advanced a proposed change to temporary abandonment regulations to include permit fees which include fees as high as \$500 for wells without production or injection activity for 10 years or more. An aggressive timeline has also been proposed suggesting such changes be made before the end of 2021. Industry representatives have been working with KCC staff to highlight the fact that a change of this magnitude needs to be fully vetted with industry and cannot be rushed. Work continues on this issue.

**KIOGA Continues to Engage as Members of the Arbuckle Study Workgroup**—Governor Kelly formed an *Arbuckle Study Workgroup* in 2019 to study Arbuckle injection/seismic activity. Governor Kelly asked for KIOGA representation on the workgroup and KIOGA representatives **Ken White** of White Exploration, Inc., **Dana Wreath** of Berexco, LLC, and **Dylan Klaus** of Vess Oil Corporation were appointed to the group. Other members of the workgroup include representatives from

the KCC, KDHE, Kansas Geological Survey, Kansas Wildlife & Parks, Kansas Department of Commerce, a Class I injection well operator, and a public stakeholder. Ken, Dana, and Dylan have participated in workgroup meetings expressing KIOGA concerns with the Arbuckle injection/seismic activity issue. KIOGA representatives have offered industry cooperation including wells for testing. It appears the Kansas Geological Survey wants to cherry-pick wells to be tested and processes to support their desired conclusion. The last meeting of the full workgroup was in February 2021. However, a subset of the group met in October (less industry representatives). The *Arbuckle Study Group* is required to report to the State Legislature in early 2022 and will have to explain why they have not yet used the \$68,000 allocated for their failed study. A meeting of the full group is expected in the near future. *K*

The advertisement for Buckeye Supply Co. has a red border and a white background with a faint image of oil pumpjacks. At the top, 'BUCKEYE SUPPLY CO.' is written in large, bold, red letters with a black outline. Below this, it says 'PROVIDING' in a smaller font, followed by '★ QUALITY ★' in red. Underneath that is 'SERVICES &amp; SUPPLIES TO OILFIELDS FOR OVER 50 YEARS' in a grey font. A red banner at the bottom contains the website 'BUCKEYECORP.COM' in white. Below the banner, four contact locations are listed in white text on a red background: El Dorado - 605 S. Main, El Dorado KS 67042 - (316) 321-1060; Russell - 1107 W. Wichita Ave., Russell, KS 67665 - (785) 483-3111; Madison - 303 W. Main St., Madison, KS 66860 - (620) 437-2566; and Wellsville - 4404 K33 Highway, Wellsville, KS 66092 - (785) 883-4871.

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## American Households Expected to Pay More this Winter on **ENERGY BILLS**



**W**ith energy prices hitting multi-year highs, the federal government is warning that American consumers are likely to have to pay more this winter on their heating bills. The U.S. Energy Information Administration (EIA) outlined its forecast for energy expenditures from October through March for residential households in the agency's new Winter Fuels Outlook report, released in October, saying increases in wholesale energy prices are being passed through to consumers, who should anticipate higher costs for fuel this winter.

According to energy experts at the EIA, compared with last winter's heating costs, U.S. households are projected to spend approximately 54% more for propane, 43% more for heating oil, 30% more for natural gas, and 6% more for electric heating. U.S. households will spend even more on energy bills if the weather is colder than expected, the EIA added.

"As we have moved beyond what we expect to be the deepest part of the pandemic-related economic downturn, growth in energy demand has generally outpaced growth in supply," said EIA Acting Administrator Steve Nalley. "These dynamics are raising energy prices around the world."

Circumstances translate into larger household bills for energy this winter, explained Nalley. This will have the biggest impact on low-income families, who will face higher energy burdens and have to devote larger portions of their paycheck to cover basic energy costs in an already challenging economic environment following the coronavirus pandemic. *K*

# RECENT OIL & NATURAL GAS PRODUCTION MANAGEMENT IMPROVEMENTS POLICIES GOING FORWARD



“AS THE U.S. CONTINUES TO GRAPPLE WITH THE ECONOMIC FALLOUT RELATED TO THE COVID-19 PANDEMIC, AMERICAN FAMILIES CONTINUE TO SEE COSTS OF IMPORTANT GOODS AND SERVICES RISE. ENERGY HAS BEEN NO EXCEPTION.”

In late October, several key U.S. Senators reached out to KIOGA for information on recent oil and natural gas production management improvements and what oil and gas industry environmental policies are needed going forward. KIOGA researched the issues and provided a summary to policymakers across the nation.

As the U.S. continues to grapple with the economic fallout related to the COVID-19 pandemic, American families continue to see costs of important goods and services rise. Energy has been no exception. From 2008–2019, American families have seen the increased costs to fundamental needs such as:

- |                        |                      |
|------------------------|----------------------|
| 1. HEALTHCARE—UP 74.5% | 3. FOOD—UP 26.8%     |
| 2. EDUCATION—UP 38%    | 4. ENERGY—DOWN 14.5% |

This means a family budget that needs to account for keeping the lights on, the family fed, keeping the family healthy, and providing for their children’s future has only seen price relief from lowered energy costs while critical needs in other areas have risen dramatically. We understand the need to provide reliable, affordable energy to residential, industrial, and commercial consumers to ensure economic stability. We have also heard the concerns of Americans related to ensuring we protect the environment and mitigate environmental impact as we produce energy in the United States.

#### ENVIRONMENT: WHAT ARE WE DOING ABOUT IT?

**EMISSIONS**—The U.S. has led the way by reducing our carbon emissions by 617 million metric tons. The second leading nation (United Kingdom) coming in far behind the U.S. at 163 million metric tons, less than one-third of what we have accomplished as a nation.

Additionally, according to EPA, American producers have reduced methane emissions (1990–2017) by 14% while increasing natural gas production by 51% and oil production 80% over that same time frame.

Further, scientific consensus is that the benefits of natural gas use continue to accrue so long as leakage rates remain below 3.2%. Fourteen different studies show that leakage rates from the industry range from .4% to 1.7%, well below the consensus average for natural gas to be an environmentally beneficial alternative.

**WATER USE**—American independent producers have traditionally been early adopters of technology for a variety of reasons. We continue in that tradition as we look at opportunities for beneficial use of produced water from our operations. Whether that means recycling the water for re-use on well stimulation projects or more cutting-edge water treatment technologies that would allow water to be put into the chain of commerce for use in agriculture.

The oil and gas industry has not taken time off as we continue to look for innovative ways to meet the challenges of producing affordable, reliable energy while making important investments to lower our overall environmental footprint. We welcome the opportunity to engage in solutions-oriented dialogue with any policy maker interested in solving the challenges facing the energy sector today.

**WHEN LOOKING MORE SPECIFICALLY AT OIL AND NATURAL GAS PRODUCTION MANAGEMENT IMPROVEMENTS, WE HIGHLIGHT THE FOLLOWING:**

- **AIR EMISSIONS MANAGEMENT**—Prior to federal and state regulations on new sources, industry participation in voluntary programs like EPA’s Gas STAR developed the technologies that have become the basis for the NSPS with the exception of the fugitive emissions requirements.
- **AIR EMISSIONS MANAGEMENT**—Industry active through The Environmental Partnership developing voluntary management actions related to pneumatic controllers, liquids unloading and leak detection and repair.
- **INDUSTRY FOOTPRINT**—Use of horizontal drilling and hydraulic fracturing have reduced the land area required for developing oil and natural gas tenfold.

- **PRODUCED WATER MANAGEMENT**—Produced water arises in most oil and natural gas wells and must be disposed. Generally, the technology for disposal is state/federal SDWA regulated underground injection. In recent years, industry has been work to develop water reuse programs for produced water, particularly in arid areas. These have primarily focused on reuse for hydraulic fracturing but further options could turn to nonfood agricultural water, an option that has been already used in some areas when the produced water has low salinity.
- **CARBON DIOXIDE INJECTION**—Industry has used carbon dioxide for decades for enhanced oil recovery and companies are now moving to expand this use, including carbon dioxide capture, for greenhouse gas reductions.
- Over the past several decades, oil and natural gas production industry has adopted more and more sophisticated technologies to enhance its ability to find oil and natural gas resources such as 3D seismic and to drill wells such as satellite aided directional drilling.

**WHEN LOOKING MORE SPECIFICALLY AT WHAT ENVIRONMENTAL POLICIES ARE NEEDED GOING FORWARD, WE HIGHLIGHT THE FOLLOWING:**

- Assuring adequate access to capital by having sound tax and banking practices rather than using tax and financial policies to cripple American oil and natural gas production.
- Assuring a predictable and cost effective regulatory system that recognizes the diversity of oil and natural gas production, including large versus small wells and large versus small businesses.
- Recognize in energy and economic policy that oil and natural gas will be essential energy sources for the foreseeable future, that American oil and natural gas production is more environmentally sound than most foreign sources, that reliance of foreign sources of energy will undermine the American economy and any agenda to improve its environment, and that on a global scale there are many countries where oil and natural gas provide a better option than their current sources and a more realistic one than overreliance on perceived clean energy sources.
- Technology within the industry often moves faster than the regulatory systems within government. Providing regulatory agencies with the tools to allow for more rapid deployment of new technologies which are more accurate and cost-effective is an important policy change to consider as we move forward with America’s energy evolution. ⚡

*Lesli has been an invaluable resource to my company by finding ways to reduce costs and helping us stay current with ever-changing regulations.*  
—Doug Evans, DE Explorations, Inc.—

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**KCC Filings via Kolar:**

- Operator License/Renewal
- Drilling Intents
- Completion Reports
- Waste Transfer
- Pit Application/Pit Closure
- Plugging Application/Plugging Record
- Temporary Abandonment
- Injection/Disposal Well Application
- Transfer of Operator
- Well Inventory Management
- Water Injection Reports

**Project Management**  
Oil & Gas County Assessments  
Insurance Management  
Mineral Tax Exemption  
Property Tax Exemption  
Tier II Reporting/SPCC Plan Management

Lesli has a Bachelor’s degree in Business and is a 3rd generation operator in Eastern Kansas. Lesli is a Board Member for KIOGA, EKOGA & Kansas Strong.

Lesli Baker • Office : (913) 837-4100 • Fax: (913) 837-2241  
Email • lesli@dbdoil.com • Website www.dbdoil.com

# PETROLEUM PRODUCTS AND YOU

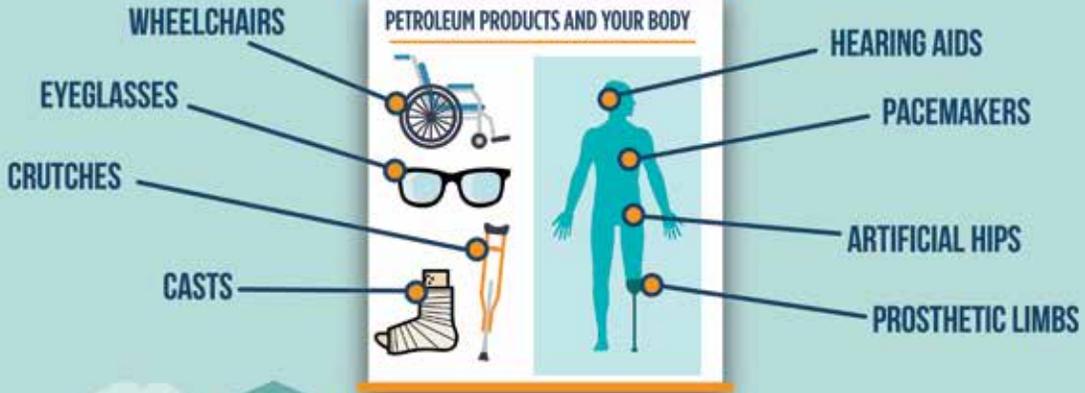
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- 3. EXAMINATION EQUIPMENT (EAR SCOPE ETC.)
- 4. EXAMINING TABLE
- 5. SOAP / HAND SANITIZER
- 6. BIOHAZARD DISPOSAL BINS
- 7. COMPUTERS



- 1. ANESTHETICS
- 2. X-RAYS / MRIs
- 3. STERILIZATION TRAYS
- 4. IVs
- 5. DOCTOR'S SCRUBS
- 6. LIGHTS
- 7. MONITORS



[energyindepth.org](http://energyindepth.org)



# GIFT OF PETRO: Most will Give and Receive Petroleum this Holiday Season

BY EDWARD CROSS, PRESIDENT,  
KANSAS INDEPENDENT OIL & GAS ASSOCIATION



**B**efore the holidays, many of us will search for the perfect gifts for loved ones. What many don't realize, however, is that nearly every one of us will either give or receive the gift of petroleum this holiday season.

When talking about petroleum, most people likely have the image of a barrel filled with a black gooey substance, or at best, a gift card for your local gas station, neither of which seems like an ideal holiday gift. But, what I'm talking about and what most people do not realize is that petroleum is part of some of the most popular gifts, from the iPhone, or TV on the top of your wish list, to the many gifts asked for by children in letters to Santa.

When thinking about the role of oil and gas in our lives, most people look only as far as their vehicles and the price of gasoline, but petroleum plays an integral role in nearly every aspect of our lives. Oil-based products are likely the first thing you touch at the beginning and end of each day, whether it is your alarm clock, television remote, iPhone, or even the toothpaste and toothbrush you use to brush your teeth. Those who wear make-up or synthetic fibers, such as

polyester or nylon, are using or touching petroleum nearly 24 hours a day, and, as a key component in heart valves, seat belts, helmets, life vests, and even Kevlar, petroleum is saving tens of thousands of lives daily. Furthermore, oil and gas are improving our living environments by heating our homes in the winter, cooling them in the summer, and keeping our lights on and petroleum-based gadgets fully charged.

These are just a few of the improvements that oil and gas makes in our lives and societies around the world. We should take great pride in the role our oil and gas industry plays in providing a commodity essential to our very way of life.

Affordable energy is essential for almost every aspect of our modern lives. Without it, we wouldn't have many of the things we often take for granted. Affordable energy is needed to run hospitals and laboratories that improve our health. It's required to deliver electricity to our homes and put fuel in our vehicles. It also supports millions of jobs associated with all of these things and more.

This year (2021), our state and country, business owners and employees focused on value reconstruction as we emerge

from the COVID-19 pandemic. Going forward into 2022, the Kansas oil and gas industry looks forward to working with all Americans across the nation to come together, take stock, and prepare for brighter days ahead.

Our nation's energy abundance can be used to lift people up. More than a billion people around the world face challenges for adequate food and education, clean water and protection from heat and cold due to lack of access to energy. We should work to ensure more people have access to safe, affordable, and reliable energy, no matter which state, nation, or continent they reside. Because to rise out of poverty and enjoy health and safety, people need more energy, not less.

As an industry, we are proud to produce a resource that is used to fuel the transportation means that will bring families together this holiday season; the resource that will go into the gifts that will be exchanged; the resource that supports millions of jobs across the nation, including over 100,000 Kansas jobs; and the resource that improves lives of peoples and societies around the world.

On behalf of the oil and gas industry, we wish you all a happy holiday season. ✪

## KIOGA

# New Members

We welcome the following members to the KIOGA family. Thank you for your continued support!

**Gavin Ramsey**

Fossil Creek Energy, LLC

**Rebecca Jones**

The Puckett Group

**Ray Gilbert**

EPOC, LLC

## KIOGA CALENDAR

Event Name	Date	Location
KIOGA Board & General Membership Meeting	December 1, 2021	Wichita, KS
Suppliers Party	December 1, 2021	Wichita, KS
Energy Council Environmental Issues Conference	December 9–12, 2021	New Orleans, LA
2022 Kansas Legislative Session Starts	January 10, 2022	Topeka, KS
Kansas Oil & Gas Day Legislative Reception	January 19, 2022	Topeka, KS
NAPE Summit 2022	February 9–11, 2022	Houston, TX
KIOGA 2022 Midyear Meeting	April 20–22, 2022	Russell, KS
SPE Improved Oil Recovery Conference	April 25–29, 2022	Virtual
KIOGA 2022 Annual Convention	August 14–16, 2022	Wichita, KS

### OFFICERS & EXECUTIVE COMMITTEE

Andrea Krauss, Chair	Dan Schippers, Secretary
Ed Nemnich, Northwest Vice Chair	David Bleakley, Immediate Past Chair
Charles Wilson, Southwest Vice Chair	Jeff Kennedy, At-Large Member
Tim Hellman, South Central Vice Chair	Jay Prudhomme, At-Large Member
Barry Hill, East Vice Chair	Edward Cross, Ex-Officio Member
Jeff Bloomer, Treasurer	

### STAFF

Edward Cross, President  
Holly McGinnis, Administrative Assistant



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The Kansas Independent Oil & Gas Association (KIOGA) believes in seeking common ground, through common sense solutions, to the challenges facing the Kansas oil and gas industry. Our bipartisan approach provides a uniquely powerful voice for our members at the state and national level. **Our work is critical. Your support is vital.**



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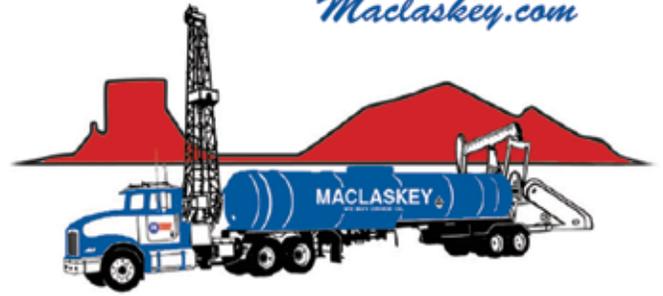
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