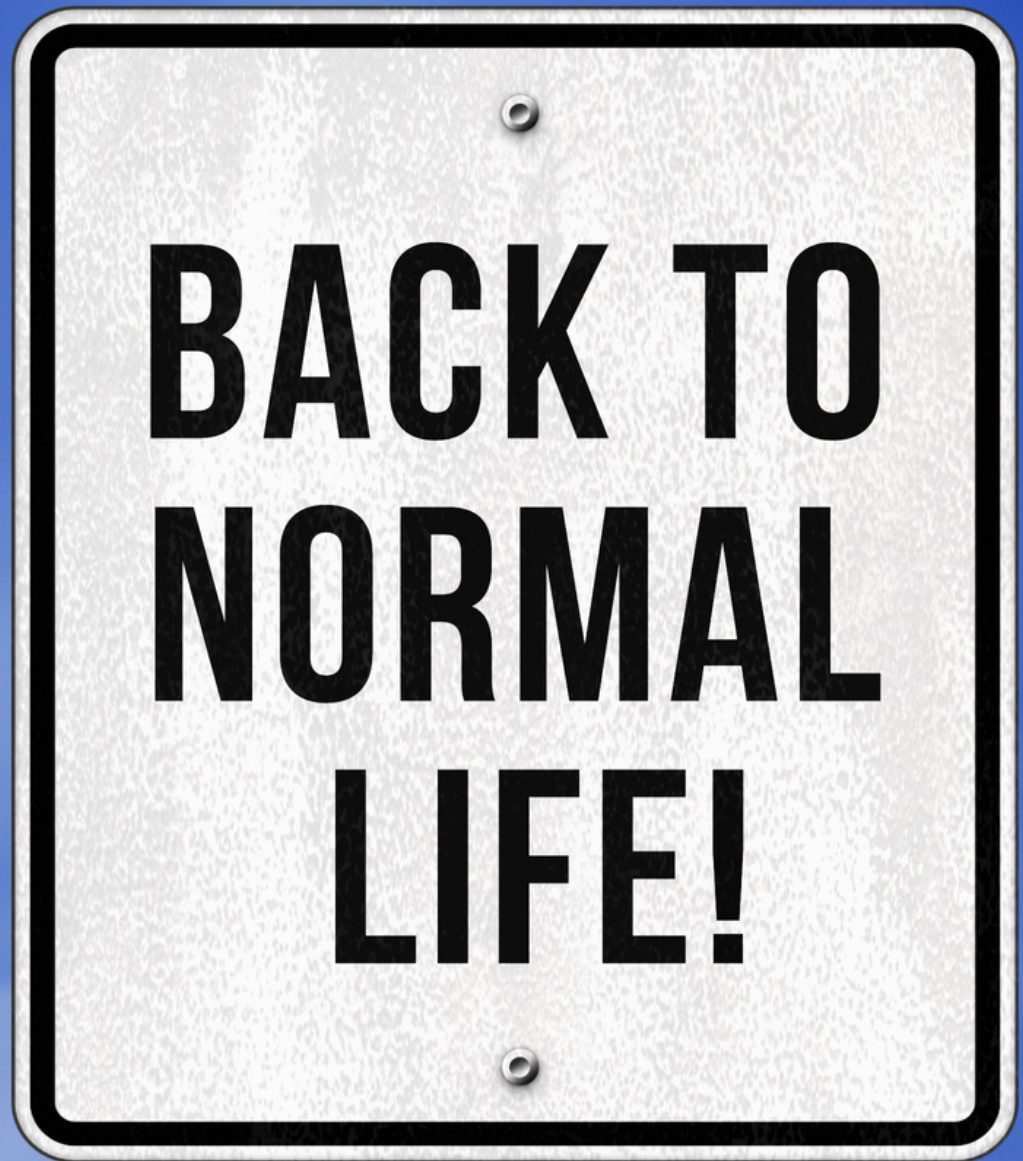




NEWSLETTER FOR KENTUCKY'S OIL & GAS INDUSTRY

The Gathering Line

ISSUE 11 | SPRING/SUMMER 2021



As the
world
recovers,
what's next
for oil and
gas?

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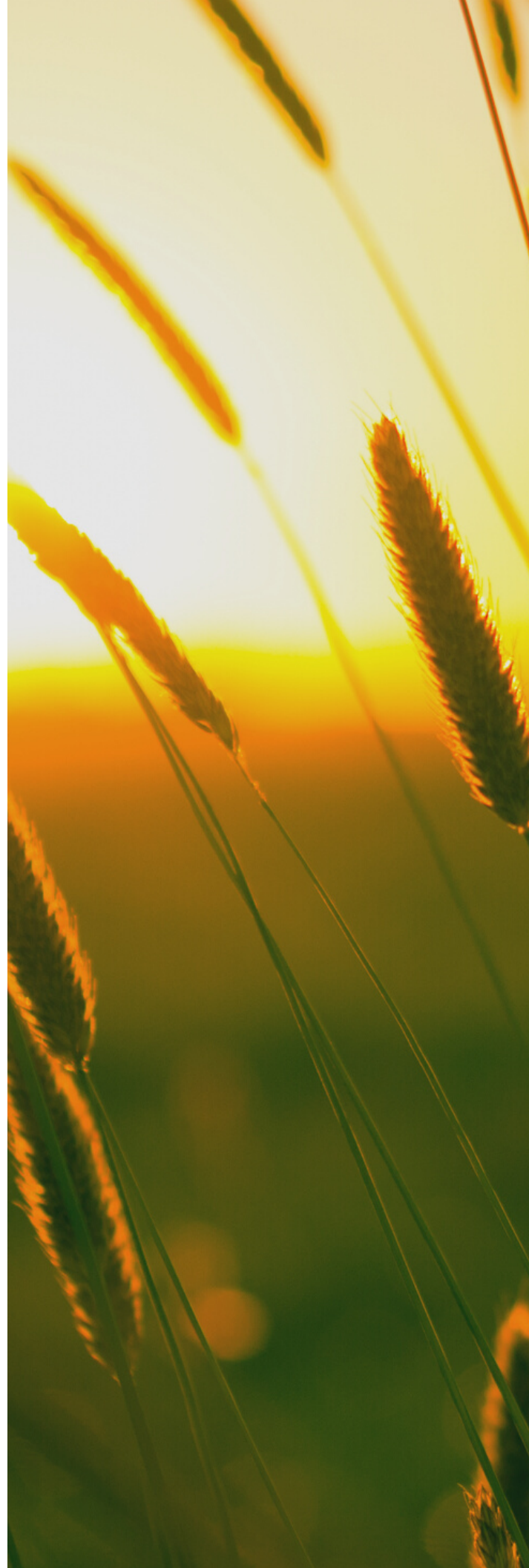
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Director's Message

It's been a while since KOGA published its quarterly newsletter. We, too, have felt a strange void and absence brought on by the lasting effects of COVID. But, having been hunkered down for over a year, we are proud to say that recovery and a return to normalcy are on the immediate horizon.

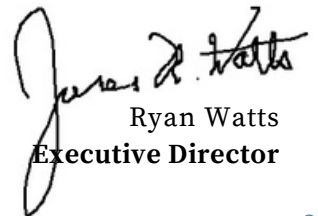
This April, we tested the waters with our first in-person event since February 2020. KOGA held its Spring Meeting at Diversified Gas and Oil in Pikeville, with over 100 people gathered. The chilly spring weather did not stop a good crowd from enjoying some Mona's home-cooked BBQ and priceless fellowship. We hope to resurrect the fall chili luncheon in October.

Given the success of our spring meeting, KOGA will hold its 84th Annual Meeting in Lexington on July 22 at the Embassy Suites Newtown Pike.

We are honored to announce that our keynote luncheon speaker will be former Trump Administration Secretary of Energy Dan Brouillette. KOGA will also feature several exciting industry-related events. Be sure to register for this exciting meeting.

Tune in for more information regarding this event and those to come. Stay healthy and strong!

It's great to be BACK!


Ryan Watts
Executive Director

Association Health Insurance Plan

The Kentucky Oil & Gas Association offers a health insurance program for our members. Through this program, our membership is able to obtain lower rates for health insurance. We are members of the Impact Mining Trust Plan, an already existing health insurance plan among the coal associations in Kentucky.

At the last renewal, KOGA members saved an average of nearly 6% on their premiums!

Dental and vision plans are also available through this coverage. Unfortunately, at the present time the health care program will not cover attorneys or out-of-state members. Members who operate out-of-state but have offices in Kentucky may be eligible.

If you are interested in taking advantage of this member benefit, please contact KOGA's Insurance Agent:

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KOGA's Conversation with Mitch McConnell

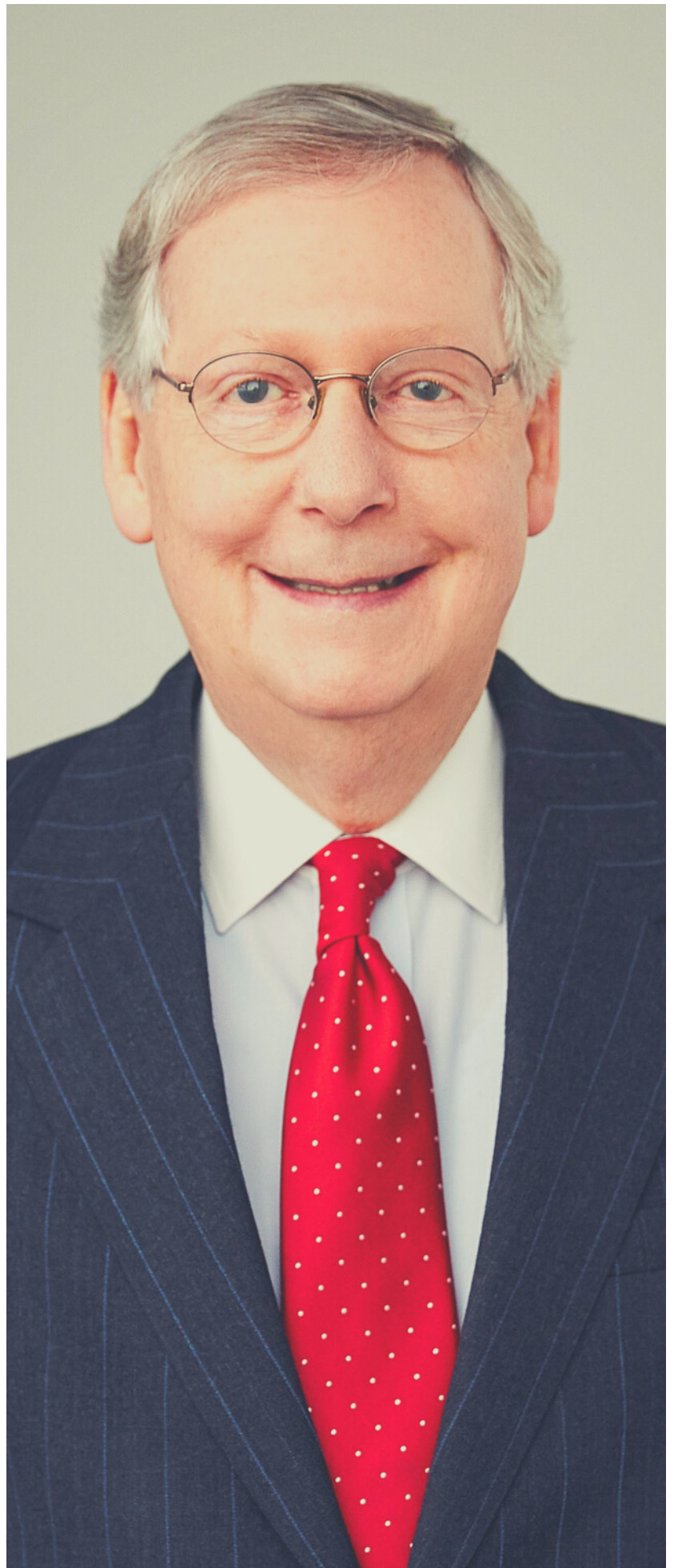
U.S. Senate Republican Leader

The Kentucky Oil and Gas Association and its members recently sat down with U.S. Senate Republican Leader Mitch McConnell (R-Kentucky) to discuss the current energy and political landscapes in Washington D.C.

Bill Barr, of BlackRidge Resource Partners and Chair of KOGA's Government Relations Committee, moderated the half-hour discussion with Leader McConnell about several important topics including energy, infrastructure, and current affairs.

Leader McConnell is Kentucky's longest-serving senator and the longest-serving Senate Republican Leader in American history, unanimously elected to lead the conference eight times since 2006. From 2015 to 2021, McConnell served as Senate Majority Leader. He is only the second Kentuckian to ever be Majority Leader of the U.S. Senate.

KOGA thanks Leader McConnell for the engaging discussion and soon plans to hold more robust conversations about the future of energy with other federal, state, and local leaders.



Division Insight

BY DENNIS HATFIELD, DIRECTOR, KY DIVISION OF OIL & GAS

Greetings to all of our Kentucky operators that we have not been able to meet in-person with since the COVID19 Pandemic began. While COVID19 has impacted how we do our work, I am pleased to say that even in telecommuting mode the Division of Oil and Gas has managed to keep all essential services and functions operating to fulfill our legislative mandates.

Field inspectors were able to continue their inspections and responses, and the administrative and technical group in Frankfort remained productive in a new and necessary telecommuting mode.

For Calendar Year 2020, the Division:

- Issued 138 new well permits, including six new Kentucky UIC Class II well permits,
- Plugged 298 orphan wells through the state abandoned well program,
- Responded to 150 citizen concern/spill incidents,
- Performed 11,920 field inspections, and
- Monitored 100 mechanical integrity tests for Class II Injection wells.

Telecommuting for the Frankfort group has proven to be effective with good connectivity provided by state networks to access our statewide well database. With VPN connections and a boost from state technical support, we were able to conduct near-normal administrative and technical operations from home workstations.

Field inspectors have been able to work applying necessary state COVID19 protection protocols to conduct effective well-site inspections and citizen responses.

Our greatest 2020 success was in ramping up the state orphan well plugging program. When COVID19 market conditions put many well service companies into idle mode, the opportunity arose with broader contractor availability to plug the highest amount of plugged orphaned well since 2006. Our inspector field group gets the credit for that win in 2020.

So far in 2021, oil and gas activity remains steady: this Division has issued 80 new well permits to date – including two Kentucky UIC Class II well permits. That compares to 56 with two Class II permits issued for the same time in 2020. Our division remains lean in staffing, but we are very thankful to welcome aboard our new Geologist, Matt Bentley, who joined us on April 16.

We are very busy, thankful to be healthy at work, and always pushing hard to meet the needs of the industry and all of Kentucky.

Kentucky operators should always feel free to call us if we can be of service. Thanks!

■



Dennis Hatfield is the director of the Kentucky Division of Oil & Gas

Natural gas has important role in America's energy future

BY COALITION OF APPALACHIAN OIL & GAS TRADE ORGANIZATIONS

This column was signed by Ryan Watts, KOGA Executive Director, David Callahan, president of Marcellus Shale Coalition; Dan Weaver, president of Pennsylvania Independent Oil & Gas Association; Matthew Hammond, president of Ohio Oil & Gas Association; Charlie Burd, executive director of Gas & Oil Association of West Virginia; and Lawton Mullins, president of Virginia Oil & Gas Association.

As a group of trade organizations that collectively represent the largest natural gas producing region in the country comprising an operational footprint of Pennsylvania, Ohio, West Virginia, Kentucky and Virginia, our member companies employ hundreds of thousands directly and indirectly and contribute billions to our region's economy.

Our goal is to provide the critical feedstock necessary to create jobs, rebuild our economy, power and heat our homes and provide the petrochemical building blocks necessary for manufacturing virtually all of the products Americans rely on daily. In the process, we commit to continuing to operate in an environmentally responsible fashion while significantly contributing to the reduction of the American economy's carbon footprint.

We recognize and appreciate the president's commitment to addressing global climate change, and our industry's commitment to reducing our environmental footprint is equally as strong. The continued growth in the use of natural gas nationally has led to the 30-year low in total energy-related CO2 emissions the country is experiencing.

We have significant concerns as to how the president's plans will impact the hundreds of thousands of Americans who work in, rely on or benefit from the Appalachian shale energy industry. Even more alarming may be the harm we believe measures the administration has already taken, and are contemplating, may ultimately and negatively exact on all Americans and our position in the global economy.

Implementing policies that hinder natural gas and oil development will result in far more than the decline of another industry and the millions of paychecks it provides nationally. These policies will negatively impact the quality of life of all Americans and reverse the significant geopolitical benefits of being the world's top energy producer.

As the president works to implement his agenda, we ask that he consider the vital role our energy-producing states play in meeting the demand for affordable electricity and consumer products and the impact some policies would have on the hard-working men and women our thousands of member companies employ.
(Continued)

Natural gas generates nearly 40% of the electricity powering this county, providing safe, clean, reliable baseload power to all energy consumers. The development of our assets right here in Appalachia has led to the United States' transition from a net importer to a net exporter of natural gas. The continued reduced reliance on foreign sources of energy better positions our country to play a key role in reducing emissions globally.

Along with heat and power generation, natural gas is a critical feedstock for manufacturing. In Pennsylvania alone, the construction of an ethane cracker facility is currently underway, supporting over 6,000 onsite construction jobs. Once operational, the facility will produce feedstock to produce plastic and chemical components that make up almost every product Americans use such as phones, personal protective equipment, and home goods.

It is critical that we preserve and expand our region's and the nation's pipeline infrastructure so we can maximize the benefits of our gas, oil and liquids production for all Americans. These projects not only transport these resources safely and reliably to processing facilities and new markets but are massive job creators as well.

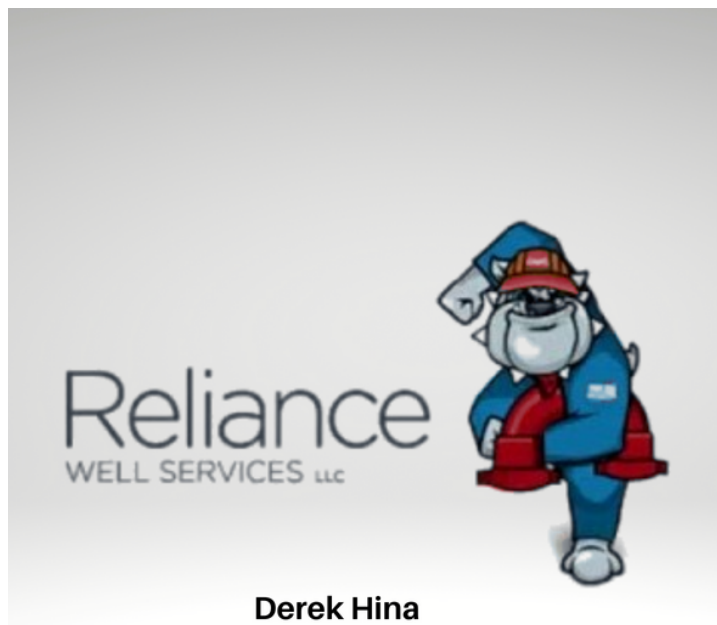
As the nation and the world responds to the COVID-19 global pandemic, natural gas and related by-products have been integral to the production of medical equipment, medications and newly emerging vaccines that are helping to save the lives of tens of thousands of our fellow citizens.

President Joe Biden has specifically pointed to the benefits of the domestic manufacturing of solar panels and wind turbines for the transition to a cleaner energy future. This cannot be accomplished without the enormous amounts of petrochemicals the natural gas and oil industry produce.

These petrochemicals are the foundational components to the construction of wind turbines and solar panels. Their construction cannot be done in a globally competitive market without the low-cost fuel source natural gas offers to those manufacturers.

The growth in natural gas usage is helping to meet the nation's carbon reduction objectives while also supplying the on-demand power requirements to scale up wind and solar energy.

We hope the administration recognizes and considers the vital role of the Appalachian and U.S. shale energy industries as they craft energy, climate and economic policy. Working together, we commit to accomplishing our shared objective of mitigating the harmful effects of global climate change in a responsible and strategic fashion. ■



Derek Hina

Technical Sales Director
5226 ST RT1428
Allen, KY 41601

Office: 606.949.1201

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What's New at the Kentucky Geological Survey?

BY DAVID HARRIS, KENTUCKY GEOLOGICAL SURVEY

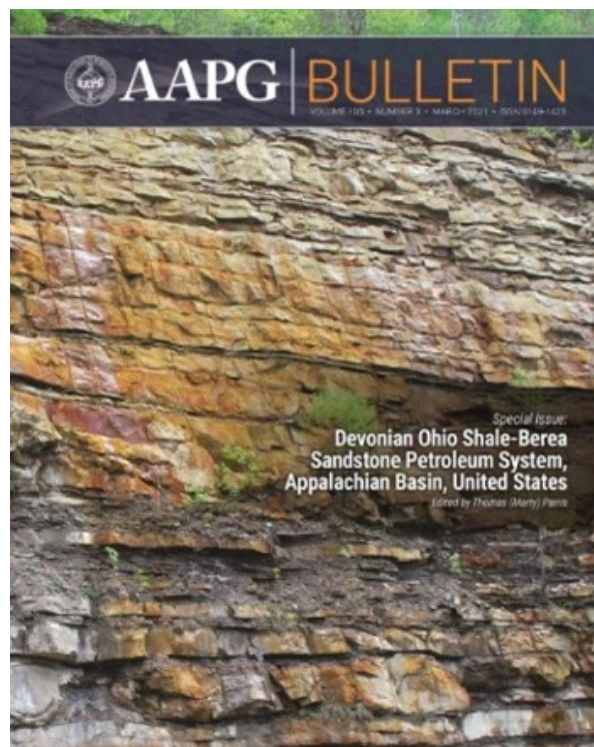
Most KGS staff have been working remotely during the pandemic, and the oil and gas records and databases have been kept up to date and available online. Research requiring staff to be in our laboratories and the Earth Analysis Research Library continued with strict safety precautions. As the university returns to 100 percent on-campus work by early August we will gradually increase the public's access to core and well samples at EARL. Individual visits can be scheduled now, and larger groups will be allowed later in the summer. Some highlights of our activity over the last year follow.

Berea Sandstone Consortium Findings Published

As many of you are aware, our Berea Sandstone research project was completed several years ago. The complete final report by Marty Parris, Steve Greb, Cortland Eble and others is available for download at the KGS website (80MB).

This research and the Berea play gained international attention in March 2021 when the American Association of Petroleum Geologists' Bulletin published a special journal issue featuring five papers from the study. Marty Parris served as editor of the issue. The papers can be accessed [here](#) or you can contact the authors directly to obtain a PDF copy. We thank the KOGA member companies who supported this research.

The AAPG Bulletin can be accessed by clicking the cover image below.

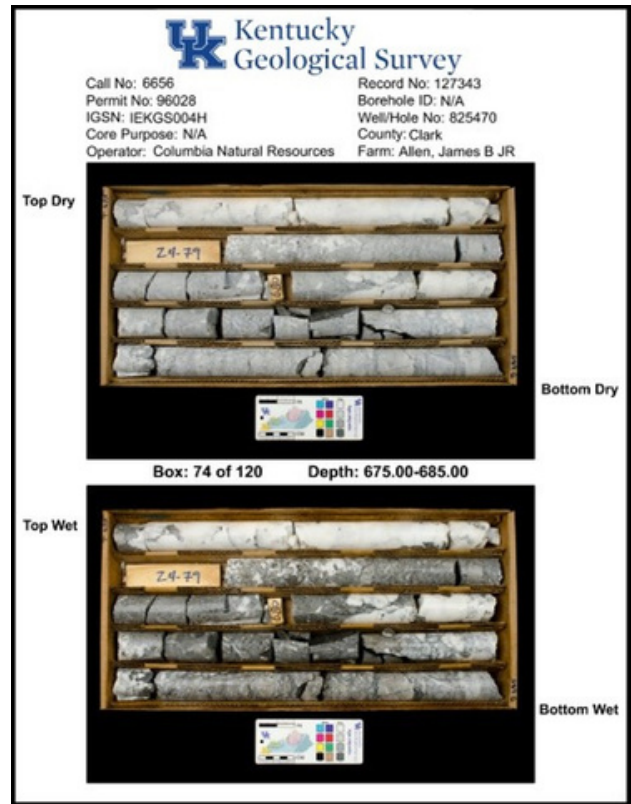


Rogersville Shale Research Nearing Completion

Exploration targeting the deep Cambrian Rogersville Shale in eastern Kentucky and West Virginia is currently inactive, a victim of both low commodity prices and disappointing results from the first six wells drilled. Wells drilled by Cabot, Cimarex, Chesapeake, and EQT have either been plugged or are scheduled to be plugged this summer. *(Continued)*

In late 2019 KGS was awarded a grant from the U.S. Department of Energy to characterize the unconventional resource potential and optimize production from this shale. We received strong industry support in the form of well data contributions from four companies and research access to a planned new horizontal well by another company.

Unfortunately, private financing for the well, a required part of the DOE project, fell through. The COVID-19 pandemic and related economic downturn eliminated any chance of securing new financing. Although the project will not achieve its original objectives, KGS has compiled a rich dataset from the previously drilled wells that we will add to our public data collections, along with many new analyses. Synthesis of these data will greatly improve the understanding of the Rogersville play which will be needed when prices return to economic levels. Thanks to KOGA members for their support of this research.



High-Resolution Core Photographs Now Online

Staff at EARL are completing a three-year project to photograph and document lithologic data for 10,000 boxes of rock cores stored at the facility. Liz Adams is principal investigator of this project. The photographs are now available online, and can be accessed from the [rock core inventory search service](#) or the oil and gas records search service on our [KY Geode search page](#). Photos can be downloaded in several resolutions, and the quality is outstanding. These photos are ideal for technical reports, screening specific cores prior to visiting EARL, and in some cases will provide the geologic information you require without a trip to Lexington.

Oil and Gas Map Service

Our new online oil and gas map service has been operating for more than a year now and was the topic of a KOGA webinar in June 2020. Doug Curl continues to enhance this tool for users and welcomes feedback and suggestions. If you missed Doug's tutorial last year it is available on [YouTube](#) along with many other KGS videos. (Continued)

Oil and Gas Well Records Database

KGS continues to add functionality to our oil and gas records search page on [KY Geode](#). Carrie Pulliam manages this massive database of well records. She has recently added the 2019 oil and gas production data records and is uploading new permits weekly. As with the map service we welcome suggestions and feedback on this resource. We're tracking the new permitting and drilling activity in Adair County, but data on these new wells have limited availability because of confidentiality restrictions.

We continue to add subsurface formation tops information to our database. Geologist Monte Rivers has interpreted tops for more than 500 wells that were lacking stratigraphic data.

For those not familiar with our permit timeline viewer, it is an excellent interactive map tool to visualize oil and gas permit types, locations and dates. This tool is a live link to our database, so is always up to date. By sliding the date bar across the bottom of the timeline you can track permit activity for any time period.

We look forward to seeing everyone at the annual meeting in July. Please stop by the KGS exhibit booth for more information on any of these projects and services. ■



Dave Harris, Section Head, Energy & Minerals, Kentucky Geological Survey



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Cost Control Discipline: Here to Stay or Flavor of the Day?

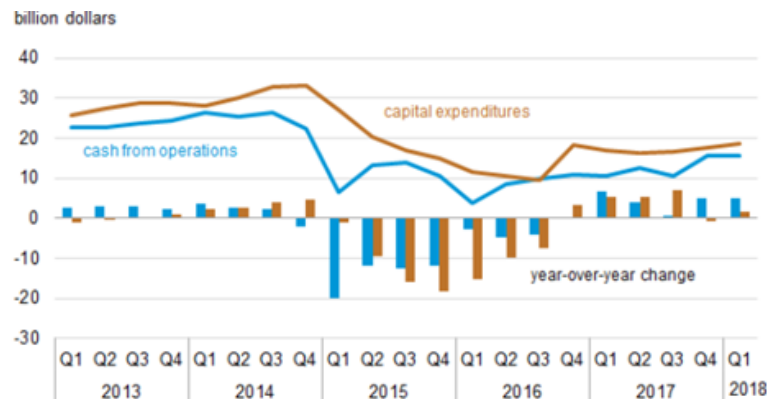
Looking back at 2020, we see anything but a normal year with the world-wide pandemic that impacted virtually every part of our lives. We now begin to consider if our world will return to what it was before the pandemic started, or if there is a “new normal” that will define our lives.

Several changes over the past year that will impact Exploration and Production (E&P) companies going into the future including shutting down US based refineries, a new political and regulatory climate established by the Biden Administration, and the growing importance of Environmental, Social, and Governance (ESG) reporting.

According to an article in the January 22, 2020 printing of the Houston Chronicle, “The growing threat of climate change and the evolving transition toward cleaner energy alternatives are threatening spending on traditional oil and gas exploration worldwide ...”

In the E&P world, we are starting to see more discipline in how companies are operating. According to Allen Brooks April 20, 2021 Musings From the Oil Patch, “reinvestment rates for exploration and production are now in the 60%-80% of cash flow range, down from the prior 100%-120% range”.

This discipline comes from a second oil price crash in less than a decade, demand destruction from the pandemic and green initiatives as well as energy efficiency improvements, and also as a result of financial institutions changing their lending practices. The challenge will be to maintain the discipline of operating within cash flow, even when hydrocarbon prices increase.



Source: U.S. Energy Information Administration, based on Evaluate Energy.



Figure 1. Cash From Operations and Capital Expenditures for 46 Publicly Traded US Oil Companies.

Will this cost control discipline last, or just be another “flavor of the day”?

Examining Figure 1, EIA shows that 46 publicly traded US oil companies spent more capital over the 2013 to 2018 period than they generated from operations. As production from new wells declines, more investment is required for drilling additional wells to maintain production levels, and cash is also required for operation and abandonment of the growing fleet of wells.

Investing more capital into the company than the assets are able to generate free cash flow is unsustainable over a long period of time. Cash keeps the doors open. Management need to ensure that long term cash flow is greater than capital investments, operating expenses, and interest payments to service debt. This is part of the Governance expectation in ESG. (Continued)

Cover Story: Continued

Looking at the Haynes and Boone Oil Patch Bankruptcy Filings (link), Figure 2 shows that more than 250 US companies have filed bankruptcy since 2015. The total value of the bankruptcies reported from 2015 through Q1 2021 exceeded \$176 billion. While earnings per share is attractive to investors, cash is required to operate the business.

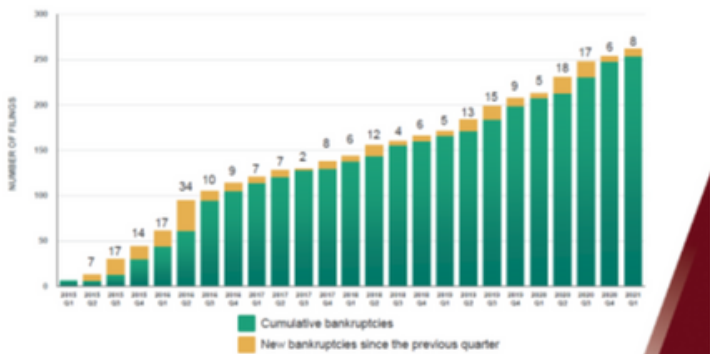


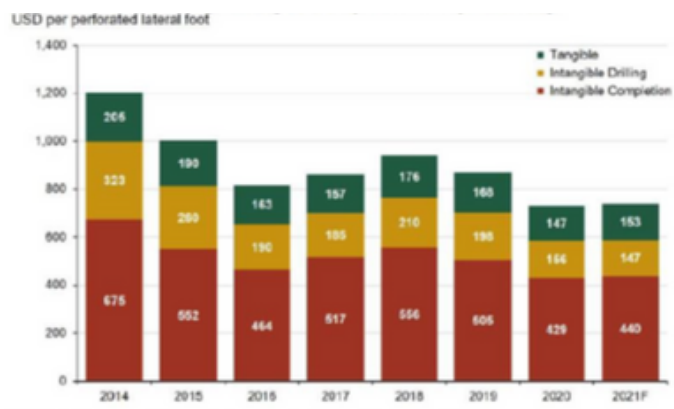
Figure 2. Haynes and Boone Bankruptcy Monitor.

As oil prices continue to increase, the window to complete an acquisition is closing while drilling is becoming more attractive. The ability to drill and complete wells that return a more attractive rate of return to the investor is more favorable at higher oil prices. With the need to attract investors and also generate cash to operate the business, what are a few things that management teams can do to improve cash flow?

Below is a list of activities to consider as a way to improve cash flow. Several of the activities have probably been evaluated already, and not all of the activities will be applicable to each company; but some may be useful to increase cash flow.

- Complete a review of each lease and well to find missed production opportunities or implement water floods
- Determine the “break even” price to operate each well, shut down or start up wells based on the sustained oil price
- Improve efficiency in operations
 - optimize pumper routes
 - right-size pumps and surface equipment based on the current volume of liquid being moved
 - operate pumping units on timers
 - automate data collection from higher volume leases

- review chemical programs to ensure correct application of chemical
- perform root cause analysis on common failures to implement long term solutions
- evaluate leases to reduce unnecessary movement of water
- Reduce finding costs through partnerships, new technology, or implementing seismic techniques
- Reduce drilling costs (see Figure 3 below)
- If financing is required; evaluate if partnerships, investor cash, or financial institutions are the best source of cash to complete the project
- Pay down debt with free cash flow resulting in additional free cash flow
- Focus on positive returns instead of the cost of capital



*All horizontal wells in Permian, Eagle Ford, Bakken, Niobrara, Anadarko, Appalachia and Haynesville
Source: Rystad Energy Shoshiko/Cole

Source: Rystad

Figure 3. US Land Average Drilling and Completion Costs.

With limited resources available, do activities to increase cash flow provide better long-term returns, or do we try to focus on maintaining production at the expense of cash flow? With higher Crude Oil prices (Figure 4), will management maintain the discipline to operate within 60% - 80% of free cash flow, or will the possibilities for higher future returns be enough to abandon the new found discipline, making this another “flavor of the day”?

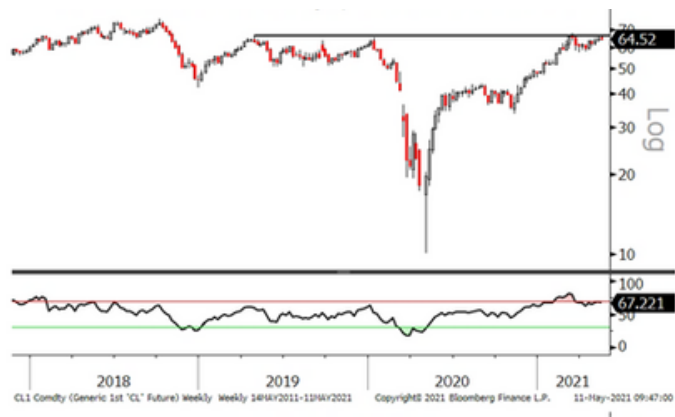


Figure 4. WTI Price 2017 Q4 through 2021 Q2.

KOGA in the Field

SPRING MEETING 2021-PIKEVILLE, KY

The Kentucky Oil and Gas Association (KOGA) recently hosted a spring membership meeting at Diversified Gas and Oil in Pikeville, Ky, on April 22. Nearly 100 people attended the luncheon, which was KOGA's first in-person gathering since February 2020, pre-pandemic.

KOGA welcomed Kentucky Attorney General Daniel Cameron, who gave opening remarks stressing the importance of the state's oil and gas industry and its positive economic impact.

In his remarks, Cameron also mentioned how President Biden's executive order canceling the Keystone XL project would adversely affect the energy markets and employment.



Kentucky Attorney General Daniel Cameron welcomes the crowd.

Kentucky is one of 21 states that filed a lawsuit against President Biden's order in the United States District Court for the Southern District of Texas.

Kentucky's Senate Natural Resources and Energy Committee Chairman, state Senator Brandon Smith, presented a legislative update on the important happenings of the 2021 General Assembly, which wrapped on March 30. Other notable speakers included state Auditor Mike Harmon, state Senator Phillip Wheeler, and state representatives John Blanton, Ashley Tackett-Lafferty, and Bobby McCool. ■



Maverick Bentley, P.E., Senior Vice President, Production and Midstream Operations Southern Division of Diversified Gas and Oil, stresses the important role oil and natural gas play in local and global economies.

KOGA Annual Meeting
July 22, Register Here

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PRESENTING



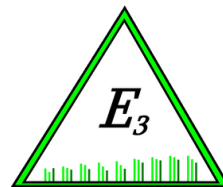
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Pipedreams: The Dilemma of Definitions

COLUMN BY REECE BROWN, STAND ENERGY

Before I read any discussion regarding energy, I do my best to have some sort of terminology guidance handy to help understand words or phrases that may be unfamiliar. It's not that my overall lack of intelligence prevents me from remembering the difference between Transco Zone 5, and the eastern terminus of the PJM West Hub, it's just difficult to memorize all of that information and recall it every week. Despite that difficulty though, it's pretty simple to look-up the information necessary to "get through" a well-written energy report. The more technical the article is, the simpler it is to find clear definitions for the terms used to describe the gist of the article.

However, this is not the case at all when reading an "energy-based article" written by a journalist discussing the relationships between energy usage and climate science. Now, let's pause for just a moment, and consider the phrasing that I just used "the relationship between energy usage and climate science."

Why would I use such vague language when discussing the interaction between these 2 topics, when other journalists have learned to use phrases like "emissions leading to climate change", or "the sustainability of renewable energy?" The answer is that I'm comfortable with my uncertainty discussing these topics because I've spent a large portion of my life studying them. We can all do this too when approaching the absolute wall of "misinformation" in and around the energy industry.

Yes, that's correct that it can feel good to find comfort in a level of uncertainty when approaching a topic, much like writing this first installment of "Pipedreams." Of course I'm absolutely nervous with every keystroke that makes every word within this manuscript.

I'm a "subject-matter apprentice," writing to subject matter experts, but we can all rest assured that nothing written here will follow any major assumptions of knowledge or lack thereof. This means that my goals for writing these "pipedreams" are simply all rooted in creating humor about the uncertainties within these topics.

That humor is meant to induce a smile or giggle, and then help free-up your mind to think critically around the issues at hand. The primary issue that we will address this round is the "Definition Dilemma" as it relates to energy, and 1 simple "dream" to maybe solve that issue.

The "Pipedream" of this article is a pretty cool one. I'm simply imagining the day that I call-up a roundtable discussion, and choose to host it somewhere in the middle of the country, like Nebraska. It would be a pretty simple invitation sent-out to about 30-50 important energy industry leaders with one simple goal in mind: "Let's create a definition for "RELIABLE ENERGY."

Let's not only create a definition for it, let's figure out how to all simply change the stuff we have grown up to know-
(Continued)

Pipedreams: Continued

-as simply “Energy” and let’s figure out a way to require the word “Reliable” to become a part of it. Somehow, somebody simply made a solar panel, and decided to call energy produced from it “Renewable.” Someone else, put-up a wind mill, generated some electricity and also called in “Renewable.”

Both of these types of energy are called “renewable,” but who, when and how officially gave them that name? Who called the meeting with the utility companies, and told them that they will need to sell all energy generated from wind and solar as “Renewable?” Who allowed suppliers on these utilities to label “Reliable Energy” as simply “Dirty Energy?” In the words of Will Ferrell describing the horrific fight between the news teams in Anchor Man, “Well that escalated quickly.”

Quickly it did escalate, and there is absolutely no end in sight until we can bring together the makers of “Dirty Energy” in the same room, at the same conference, and with the same mission of putting an end to this “Definition Dilemma.”

Rather than standing-up for Reliable Energy, most major suppliers are doing the opposite, by embracing this “Renewable Energy Renaissance” because they have found the marketing benefits of doing so. Just ask President Biden about the power of renewable energy, or AOC. They can tell you about how amazing it can power their “Trendingness” (completely made-up word) on social media. Like it or hate it, we are in a “Trending Society” right now, where all communication is loosely defined, but the algorithms that move content to inspire action are resonating across the galaxy.

Let’s get back to the “Pipedream” in discussion, and away from those politics. I want to simply call-up a meeting with some of the nation’s top level energy executives, and call it the “Reliable Energy Summit.”

We will begin the summit with a simple introduction of the people. Hopefully we get 4-8 representatives from the nuclear sector, 5-10 representatives from the hydroelectric sector, 3-7 representatives from the coal-

-companies, 10-15 representatives from petroleum, and 15-25 representatives from natural gas. Obviously this invitation list will need to be large, so we will have to “take what we can get.”

After we identify everyone in the room, I would simply call-up a reading of our “Oath to Reliable Energy.” Everyone will be asked to place their right hand on their heart, and repeat the following dialogue that I will read aloud 1 sentence at a time: “I (your name), hereby declare full commitment to the success of all Reliable Energy Producers regardless of their respective energy source. It is our belief that all Reliable Energy Producers should be viewed with equal dignity at all times in all places regardless of state, local, or federal differentiations. We also must advocate that the word “Energy” will never be used as a stand-alone word unaccompanied by the word “Reliable” when describing energy generated as such.” At ease..

Well Operators, owners, nuclear technicians, hydro-dam operators, and all other members front the “front lines” that typically get dirty at work will be given roughly 10 minutes. They typically don’t have too much to say, so this shouldn’t take long. Higher-level decision makers, owners of the respective companies, and people that generally wear a suit will be given about 7 minutes. Attorneys, accountants, or anyone that went to school for either of those disciplines will be given 2 minutes, knowing full well that these individuals will simply go over that time mark. This session will probably go from 8:30 a.m. until noon, which brings us to lunch.

For the lunch event, I will invite a panel of restaurant owners to share their insights on some of the food that was made for the luncheon, and their experiences regarding energy. We will do our best to bring up a couple chefs to talk about natural gas, and how great it is to cook with. Hopefully, we can also maybe find a chef that runs their entire restaurant off of renewable energy so they can tell us about their amazing experience. This probably won’t happen though.

(Continued)

Pipedreams: Continued

After lunch, it will be time to strategize. Like any great idea I (or you) have ever had, it's best to try to allow a group to sort of "come up with it on their own" rather than trying to force it. The goal of this strategy session will be to divide everyone into groups based on how they feel we should advance the whole idea of "Reliable Energy."

In order to do this, everyone will be asked to simply write down a couple ideas, submit them to me, and allow me to read them aloud. As I read each idea, I will ask the group to place that idea on a wall based on the trajectory of their idea. Ideas that can be accomplished in the short term, can be placed on the left side of the wall, ideas that will take longer will go toward the right.

Ultimately, the culture of the renewable energy industry was raised during a different time period, and under far different conditions than the former "Reliable Energy Industry." This type of conference may just "Spark" interest in Reliable Energy, or it may not. We may not ever get to a point in our lifetime where the word "Reliable" must be used in front of the energy we make, but renewables got there, so why can't we? ■



Reece Brown, is an advisor for Stand Energy



Spring Meeting: Continued



(From Top-Bottom: Senator Brandon Smith (Rep. Ashley Tackett-Lafferty-left), Senator Phillip Wheeler, Auditor Mike Harmon, and Rep. John Blanton)

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ryan@kyoilgas.org

Emily Childers, Association Manager
emily@kyoilgas.org

Kentucky Oil & Gas Association, Inc.

306 W. Main Street, Suite 406
Frankfort, KY 40601
(502-) 226-1955
kyoilgas.org

Twitter @kyoilgas
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LINKEDIN

