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The Oilette

THE OFFICIAL NEWSLETTER OF
DESK AND DERRICK CLUB
OF ROSWELL

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Ellie Gallagher, Editor



HOT July!

July 2023

Dear Members,

Dear Members,

July came too fast, but here we are! The heat came on quickly too - you all be careful out there and be sure to stay hydrated during these summer months!

Things are going great so far this year and we are in the groove! Only a few more things left to do - Industry Appreciation, Black Gold Golf Tournament, and then of course Convention. I look forward to all these events with all of you.

Our July meeting is going to be back at my office on July 11th. Our speaker will be Bernarr Treat with Xcel Energy speaking on renewables, etc. We will set up our Zoom as usual so everyone can join there if you can't be there in person. We will have Rib Crib BBQ for dinner. Please RSVP to Cindy so we know how many to expect.

The committee is working hard to finalize all the details for Industry Appreciation. We have had a little snag with our speaker, but I am sure we will work it out and it will be great. Cindy will let everyone know when we will have the next planning meeting.

The Black Gold planning is going well, and Jackie has had lots of volunteers sign up to help. Thank you all who signed up. It will make things much easier with all the help. Jackie will keep everyone updated on plans and meetings as needed.

I have sent out the registration packets for the convention via email. Let me know if you did not receive it. I hope we have great attendance from the Roswell Club! Be sure to get your hotel reservations in as soon as possible and send in your registration by the deadline of August 28th. Note that we have budgeted this year to cover registration fees for up to five members. So, if you want to attend and your employer does not help with expenses, let a board member know so we can put you on the list. If we get more than five requests, we will have to work out a way to decide which five we can cover. We just want to be sure to help those who need it as much as possible. The convention is a fun and informative event that everyone should try to attend.

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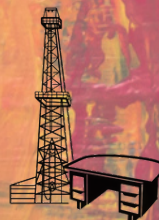
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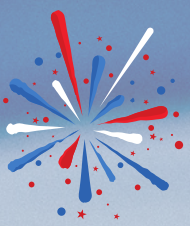
Patti Stacy
2023 President



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July 2023

To: ADDC Membership



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The year is halfway over and the ADDC committees on the Region level and Association level have been busy. The Public Relations committee publicized the DSA and SSA and I hope clubs and individuals responded to their call for nominations of these awards. It is an honor to be nominated and it is an even greater honor to receive the Distinguished Service Award or the Special Achievement Award. The Nominating committee has also been busy searching for our 2024 Association officers. The West Region has been busy planning and organizing the 2023 ADDC Convention for our membership and guests in September. Registration packets were sent out and can be found on the ADDC website, www.addc.org (News & Publications/"ADDc News" and also can be found under the "Convention" link.

Registration Fee: \$250.00 for members (by August 28, 2023)
 Late Registration Fee: \$275.00 for members (after August 28, 2023)
 Hotel Reservations: 505-796-7500 or via the website:
<https://gettaroom.b4checkin.com/sandia/RLP/DESKANDDERRICKC>
 LUBS Reservation Code: 9890 or mention ADDC (All rooms are \$194.00 + tax for single, double, triple, or quad. Please make your reservations as soon as possible. The deadline for reservations is August 31, 2023.)

The West Region Clubs are excited to host this year's convention in Albuquerque, New Mexico! Field Trips will be Wednesday and Seminars and the Certification Class - "Energy 101" will be held on Thursday within one additional field trip being offered. Friday and Saturday will be our Business Meetings. If you have any questions or need any additional information, please do not hesitate to contact me or any member of the Board. er industry speakers to enlighten us on different aspects of energy, and to network with others.

"If you want to improve the organization, you have to improve yourself, and the organization gets pulled up with you." - Indra Nooyi, CEO of PepsiCo

Greater Knowledge - Greater Service

Barbara Pappas





Esther Greeyes
West Region Director
610 Reilly Ave, Farmington, NM 87401
505-320-6300
ejgreeyes@merrion.bz



July 2023

Dear West Region Members:

Summer is here, use sunscreen and protection because the Texas/New Mexico sun is brutal, as the days goes by you will see the bounty of your harvest, fresh produce is so good for you.



Nominations for 2024 ADDC Officers, Keith Atkins is looking for officers for 2024. The deadline for all nominations to be received by the Nominating Committee is Friday, June 30, 2023. Nominations received after that date will not be considered by the Nominating Committee. Requirements and procedures for submitting nominations and the duties of the Officers are described in the Association Bylaws and can be found on the ADDC website in the Guidelines section. The ADDC Officer Nomination Form is available on the ADDC website (www.addc.org). After logging in, click on Committees then Nominating then under Forms click on Nomination Form. There are three tabs to complete in the spreadsheet. Please send all nominations by the June 30, 2023 deadline, including the spreadsheet with completed tabs NOMN1, NOMN2, and NOMN2A, along with a photo of the candidate to Keith Atkins, Nominating Committee Chair, via email at keith.atkins@murphyusa.com. If you qualify, please send Keith your information, you have about a week to do so.

The 2023 ADDC Convention is coming upon us (September 20-24, 2023). Each Clubs in the West Region knows what they are responsible for and hope that you are all getting your stuff in order. September is not that far away, let us get things in order and make this a fun and educational convention. Registration packets have been sent to the RD and hopefully everyone has them, start planning for a fun and educational time.

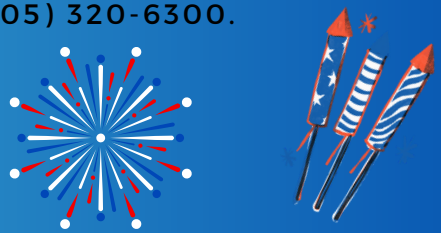
The AIMEE Contest, the 1st Place winners will be submitted to the RD, they will need to be judged and winners will be announced at the Convention.

Have fun with your golf tournaments and Industry Appreciation Banquets.

Don't forget to send me your Club Bulletins, I love reading them and want to know what is happening.

If you have any ideas, suggestions or feedback please email me at ejgreeyes@merrion.bz or call me (505) 320-6300.

Have a Great Summer!
 Your 2023 RD, Esther Greeyes



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PETROLEUM PRODUCT OF THE MONTH

FIREWORKS



While Americans sure love fireworks, we didn't invent them; fireworks have been around for a really long time.

Though there's some speculation, many historians believe that fireworks started in China as early as 200 BC. These "fireworks" were in the form of bamboo that, when roasted in a fire, would explode with a BANG. Sometime between 600 and 900 AD, Chinese Alchemists mixed together potassium nitrate, charcoal, and sulfur and created what we know as gunpowder. They stuffed this concoction into bamboo shoots and threw them in fire, creating a loud blast. Behold! The first firework is born.

Eventually paper tubes replaced the bamboo shoots and by the 10th century, the gunpowder concoction was used to make crude bombs and weapons. Around the 13th century, gunpowder was making its way to the Middle East and Europe, and metallurgists and military leaders began making powerful weapons.

By the 17th century, fireworks crossed the Atlantic and made their way to the New World. Legend has it that Captain John Smith (yes, that John Smith) set off the first display of fireworks in Jamestown in 1608.

Following July 4, 1776, fireworks were used to celebrate the anniversary of America's independence, and they have been used every year ever since, as well as to celebrate a variety of events, such as football games, concerts, etc.

Just like ancient times, modern fireworks contain gunpowder, also called black powder. The black powder used in fireworks is roughly 70% potassium nitrate, 15% charcoal, and 10% sulfur. When the fuse is lit, the mixture reacts and propels the shell into the air from the mortar-launching tubes on the ground. It requires very little energy to combust, which is why a small flame can launch huge firework displays.

A variety of other ingredients and special assemblies are utilized to create special effects, such as color. Multicolored fireworks are achieved using different chemical compounds. Calcium, for example, produces bright orange, while mixtures of strontium carbonate and copper oxide produce violet. A variety of greens are produced from various barium compounds, while reds come from strontium and lithium carbonates.

While it might not seem like petroleum plays a part in the manufacturing of fireworks (although consider the greases and lubricants required to operate the manufacturing machinery that's involved somewhere during production), this is an example of how sneaky petroleum can be, and how its presence in our everyday lives can go by easily unnoticed.

Remember the gunpowder used to make fireworks? One of the key ingredient is sulfur. While sulfur occurs naturally as the element, and was abundant in ancient times, today almost all elemental sulfur is produced as a byproduct of removing sulfur-containing contaminants from natural gas, petroleum, and other related fossil resources. As well as sulfur, some modern firework recipes can contain polyvinyl chloride, which you may recognize as a petroleum-derived synthetic polymer.

So while the firemasters of England probably weren't shooting off petroleum-containing rockets, there is a very high probability that the ones you see this holiday weekend are. Not to mention, of course, the ever popular plastic poppers (since plastics are derived from petroleum!).

EXCERPTS FROM PETROLEUM SERVICE COMPANY ON JULY 1, 2016

Check out this fascinating video of how a professional pyrotechnics show is put together!



CAN THE CLIMATE HEAL ITSELF?

DISSENTERS FROM THE CATASTROPHE CONSENSUS ON WARMING ARE WORTH LISTENING TO.
OPINION PIECE BY ANDY KESSLER
WALL STREET JOURNAL

Stop with all the existential-crisis talk. President Biden said, “Climate change is literally an existential threat to our nation and to the world.” Defense Secretary Lloyd Austin also talks about the “existential threat” of climate change. National security adviser Jake Sullivan identifies an “accelerating climate crisis” as one reason for a “new consensus” for government picking winners and losers in the economy. Be wary of those touting consensus.

But what if the entire premise is wrong? What if the Earth is self-healing? Before you hurl the “climate denier” invective at me, let’s think this through. Earth has been around for 4.5 billion years—living organisms for 3.7 billion. Surely, an enlightened engineer might think, the planet’s creator built in a mechanism to regulate heat, or we wouldn’t still be here to worry about it.

The theory of climate change is that excess carbon dioxide and methane trap the sun’s radiation in the atmosphere, and these man-made greenhouse gases reflect more of that heat back to Earth, warming the planet. Pretty simple. Eventually, we reach a tipping point when positive feedback loops form—less ice to reflect sunlight, warm oceans that can no longer absorb carbon dioxide—and then we fry, existentially. So lose those gas stoves and carbon-spewing Suburbans.

But nothing is simple. What about negative feedback loops? Examples: human sweat and its cooling condensation or our irises dilating or constricting based on the amount of light coming in. Clouds, which can block the sun or trap its radiation, are rarely mentioned in climate talk.

Why? Because clouds are notoriously difficult to model in climate simulations. Steven Koonin, a New York University professor and author of “Unsettled,” tells me that today’s computing power can typically model the Earth’s atmosphere in grids 60 miles on a side. Pretty coarse. So, Mr. Koonin says, “the properties of clouds in climate models are often adjusted or ‘tuned’ to match observations.” Tuned!

Last month the coddling modelers at the United Nations’ World Meteorological Organization stated that “warming El Niño” and “human-induced climate change” mean there is a “66% likelihood that annual average global temperatures will exceed the threshold of 1.5 degrees Celsius above preindustrial levels by 2027.” Notice that El Niño is mentioned first.

Richard Lindzen, a professor at the Massachusetts Institute of Technology and lead author of an early Intergovernmental Panel on Climate Change report, told me, “Temperatures in the tropics remain relatively constant compared with changes in the tropics-to-pole temperatures. The tropics-polar difference is about 40 degrees Celsius today but was 20 degrees during the warm Eocene Epoch and 60 degrees during Ice Ages.” This difference has more to do with changes in the Earth’s rotation, like wobbling, than anything else. According to Mr. Lindzen, this effect is some 70 times as great as human-made greenhouse gases.

OK, back to clouds. Cumulus clouds, the puffy ones often called thunderclouds, are an important convection element, carrying heat from the Earth’s surface to the upper atmosphere. Above them are high-altitude cirrus clouds, which can reflect heat back toward the surface. A 2001 Lindzen paper, however, suggests that high-level cirrus clouds in the tropics dissipate as temperatures rise. These thinning cirrus clouds allow more heat to escape. It’s called the Iris Effect, like a temperature-controlled vent opener for an actual greenhouse so you don’t (existentially) fry your plants. Yes, Earth has a safety valve.

Mr. Lindzen says, “This more than offsets the effect of greenhouse gases.” As you can imagine, theories debunking the climate consensus are met with rebuttals and more papers. Often, Mr. Lindzen points out, critics, “to maintain the warming narrative, adjust their models, especially coverage and reflection or albedo of clouds in the tropics.” More tuning.

A 2021 paper co-authored by Mr. Lindzen shows strong support for an Iris Effect. Maybe Earth really was built by an engineer. Proof? None other than astronomer Carl Sagan described the Faint Young Sun Paradox that, 2.5 billion years ago, the sun’s energy was 30% less, but Earth’s climate was basically the same as today. Cirrus clouds likely formed to trap heat—a closed Iris and a negative feedback loop at work.

In a 2015 Nature Geoscience paper, Thorsten Mauritsen and Bjorn Stephen at the Max Planck Institute for Meteorology reran climate models using the Iris Effect and found them better at modeling historic observations. No need for tuning. Wouldn’t it be nice if the U.N. used realistic cloud and climate models?

Earth has warmed, but I’m convinced negative feedback loops will save us. Dismissing the Iris Effect or detuning it isn’t science. Sadly, climate science has morphed into climate rhetoric. And note, Treasury Secretary Janet Yellen explained in April that green spending “is, at its core, about turning the climate crisis into an economic opportunity.” Hmm. “Catastrophic,” “existential” and “crisis” are cloudy thinking. Negative feedback is welcome.

Write to kessler@wsj.com.

July

**HAPPY
FOURTH OF JULY**
INDEPENDENCE DAY

MEMBER MEETING

July 11, 5:30
Patti's office

Speaker:
Bernarr Treat
Excel Energy

Menu:
Rib crib

COMMITTEE MEETINGS

None currently
scheduled

Be checking your e-mail.
Meetings will be
announced as final
preparations are being
made for
Industry Appreciation
and the
Golf Tournament
both coming up in
August!!

HEY MOO!

Has it been awhile
since you've been to
a meeting? We miss
you!! Hope to see you
July 11!

HAPPY BIRTHDAY
ANN YOUNG!
JULY 15

Around Town




2023 UFO FESTIVAL
FRI, JUN 30, 4 PM - SUN, JUL 2, 9 PM





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"You are a wizard!" -Simon Cowell



MEET & GREET THE ROSWELL INVADERS

JULY 6TH / 2PM-4PM

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PECOS LEAGUE CHAMPIONS

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CINDERELLA



ON STAGE
JUNE 30TH -
JULY 2ND
AND
JULY 7TH -
JULY 9TH!

Mind Probe Trivia

Thursday
July 13th
6:30p
The Liberty
Roswell, NM

Seinfeld



Mind Probe Trivia

F.R.I.E.N.D.S

Thursday, July 6th
6:30p

Packdraft Barbeque
301 N. Railroad Rd.
Roswell, NM

