

**ASSOCIATION  
OF DESK AND  
DERRICK CLUBS**



# Tri-State News

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**December 2023**

**Tri-State Desk and Derrick**

**Editor's Musings**

It's that time of year again when the thought of at least a light dusting of snow on December 25th is a pleasant thought, houses are decorated inside and out with twinkling lights, and kids of every age are looking forward to finding presents awaiting them under the tree on Christmas morning. It's also time to start preparing for a new calendar/tax year by setting up files and figuring out where you are going to store all the files from 2023.

In case you are getting close to needing postage, you might want to stock up before the first of year when the cost of the standard Forever stamp will increase from \$.66 to \$.68. Two cents for a first class stamp doesn't sound like much until you start thinking about how many stamps you use in a month or a year. I bought a roll even though I know I won't need it for a couple months.

As you will read in the ADDC President's letter and the Northeast Region Director's letter, ADDC needs volunteers to serve on various committees for 2024. Like they say, the more you put into something, the more you get out of it and that's especially true for any organization which depends upon its Members' participation to keep it viable and relevant. Some committees require more time than others, but there are always some of us "seasoned" members willing to help you along the way. "Seasoned" sounds so much nicer than "Old", don't you think?

What are your hopes and dreams for the coming year? Do you make New Year's resolutions only to let them slip away before the end of January? This year why not make a resolution you can keep. Make a resolution to find joy in the everyday things, to give thanks for the big and small events in our lives, to share the blessings we have been given and to give a smile with someone who doesn't have one.

**May the peace and joy of Christmas be yours throughout this season  
and all through the coming year.**



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December 2023

To: ADDC Membership

Merry Christmas, Happy Hanukkah, or Happy Kwanza to you and your family in celebrating the holidays! I hope everyone has a safe and wonderful season that we reflect on the past and look toward the future.

This year was busy for the 2023 ADDC Board and we voted on 50 items of business this year. The 2024 ADDC Board is ready to hit the ground running and I know they will do an excellent job leading our Association. Our goal is to continue to support our industry and educate our members as well as educate the general public about the oil and gas industry. We strive to gain new members and retain our current members. Together, we can ensure ADDC is a viable, sustainable, and resilient organization.

In the November ADDC Board meeting, the motion passed to revise the Bylaws- Article IV – Educational Program Requirements. This will be effective January 1, 2024. The addition of:

**Item F. A Club that has not met the program meeting requirements as described in Section A of this Article by the end of the calendar year shall be considered non-compliant and shall not be eligible to have a voting delegate or alternate at any Association meeting (Region or Convention) for the next calendar year.**

The Board also updated the Board Procedures to keep in line with the way business is currently conducted, and also voted on updates to the Region Director training material. If you have been a club president, then you can be a Region Director! You will receive training from the ADDC President-Elect and a training manual to help you know what and when to perform your Region Director duties...you are not alone, and it is a great way to learn more about ADDC and your region!

Please mark your calendars now:

**Southeast Region Meeting – Tentatively – Delegate Virtual Meeting April 13th or 17th, 2024. SE Region Meeting – In Person the day before 2024 ADDC Convention starts.**

**Central Region Meeting – April 26 – April 28, 2024 – Great Bend, KS**

**West Region Meeting – April 18 – 20, 2024 – Corpus Christi, TX**

**Northeast Region Meeting – May 15 – 18, 2024 – Canonsburg, PA**

Wendy Sparks is looking for volunteers for Region Representatives for various Committees in 2024. By stepping up to serve on a regional representative level for a committee, you can learn more about the committee and pass that knowledge onto other members. Please contact Wendy at [wsparks@cegx.net](mailto:wsparks@cegx.net).

## ADDC President's Letter Continued

All clubs have completed their elections for their 2024 Boards. Please fill out the ADO 31 form (New Officers Form) and email: [ado@addc.org](mailto:ado@addc.org), your 2023 Region Director, and 2024 Region Director. Please retain a copy for your club records.

The **NEW** deadline for AIMEE submittals will be 11:59 pm on January 15, 2024, via electronic submittal. The category submittals will be from January 1, 2023 through December 31, 2023.

The ADDC Board voted to alter the dates concerning the AIMEEs. The AIMEE category submittals dates for 2023 will encompass January 1, 2023 through December 31, 2023. The **deadline for AIMEE submittals will be 11:59PM, January 15, 2024**, via electronic submittal. Please make note of these changes.

The 2022 FRC is completing their review of the 2022 ADDC Financials and hopefully will be sent to membership soon. The 2023 FRC is finishing up the 3<sup>rd</sup> quarter and will send out to membership this month, and the 4<sup>th</sup> quarter 2023 financials will be sent out by March 2024.

I would like to say “Thank You” to the 2023 ADDC Board for all their hard work, determination, and perseverance in making ADDC better than the year before. That is how we grow. I want to especially thank each member of our organization. ADDC would not be what it is today without each of you! Thank you for electing me to lead you and ADDC in 2023. I have learned so much about the Association, the membership, and a lot about what it takes to be a leader in a diverse group of individuals. I tried to listen, engage, and conduct business in a professional manner. Great things were accomplished this year, and none would be possible without you and the ADDC Board. Thank you for a wonderful year!

I started this journey in 2006 with the encouragement of a fellow member who insisted I join Desk and Derrick (Thank you, Vickie Young). I never thought about being a Region Director, much less the ADDC President. Leaders are Born and Leaders are Made. It is up to the person what type of leader they want to be. For me, I am a servant leader. Although I am the ADDC President, I always saw myself as a member first. I leave that as my legacy, “Always a Member”.

I want to close this letter with one last leadership quote:

**“The single biggest way to impact an organization is to focus on leadership development. There is almost no limit to the potential of an organization that recruits good people, raises them up as leaders and continually develops them.” —John C. Maxwell.**

**Greater Knowledge ~ Greater Service**

*Barbara Pappas*



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**Kelli Hiltbrand**  
2023 Northeast Region Director  
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NortheastRD2023@gmail.com

December 2023

Dear Northeast Region Members:

The air is getting a little colder every day and the days are getting a little darker, which means winter is on its way. I will be patiently waiting to see if we get any snow this year! I hope everyone had a wonderful Thanksgiving and are getting ready for Christmas and New Years.

It's hard to believe that my year as Northeast Region Director is coming to an end. I had a great year representing all of you and I hope that I was able to help each of you along the way. I could not have made it through the year without the support of past Region Directors and members who gave me words of encouragement along the way. This was a very rewarding position both personally and professionally and even though there were some times of uncertainty, I truly enjoyed every minute of it. Thank you for your continued support as I step up to serve as your 2024 ADDC Secretary.

If you have ever thought of stepping up to a position, be it at a club or region level, TRY IT! Although it might seem like a lot, there are so many people to help you along the way. Thank you to everyone who volunteered to serve as a Region Rep this year.

I want to again, thank the Tri-State Desk and Derrick Club for hosting a wonderful Region Meeting in French Lick, Indiana. I know everyone that attended had a great time and your club did an excellent job with the field trips, seminars and speakers. The 2024 Northeast Region meeting is tentatively scheduled for May 15<sup>th</sup> - 18<sup>th</sup>, 2024 in Washington, PA hosted by the Three Rivers Desk and Derrick Club.

Club Presidents, please be sure to submit the New Club Officers form at your earliest convenience so the ADDC Board and ADO can get the website updated for 2024. The form can be found on the website under Clubs then Club Forms.

I hope everyone has a wonderful holiday season with your family and friends.

Thank you again from the bottom of my heart for all your support and allowing me to serve as your 2023 Northeast Region Director.

*Kelli Hiltbrand*

# Oil and Gas Technology Helping to Create Clean Energy

Author: Donna L. Hartig

Several years ago, Gary and I installed a geothermal heating and cooling system in our house. The temperature of the ground in our area just a few feet below the surface remains at a constant temperature of about 55 degrees Fahrenheit year around. A geothermal system uses small-diameter, High-Density Polyethylene (HDPE) pipes buried underground called a "loop." The loop circulates water to the unit in the house picking up the 55° ground temperature along the way. The unit in the house heats it to the desired temperature to either heat or cool the air in the house. Air conditioning is great, but I wouldn't want the house to be at 55°. That means the air in the house needs to be heated even in the summertime.

But what about the temperature of the earth at greater depths? According to Britannica's website, heat from the Earth's interior generates surface phenomena such as lava flows, geysers, fumaroles, hot springs, and mud pots. This heat is produced mainly by the radioactive decay of potassium, thorium, and uranium in the Earth's crust and mantle and also by friction generated along the margins of continental plates.

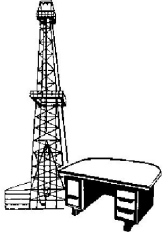
As reported by the U.S. Energy Information Administration, the United States leads the world in using the Earth's heat energy for electricity generation, but geothermal still accounts for less than half a percent of the nation's total utility-scale electricity generation. In 2022, that geothermal power came from California, Nevada, Utah, Hawaii, Oregon, Idaho, and New Mexico. Those are states traditionally thought of as having geothermal potential because of the reservoirs of steam or very hot water close to the surface. However, Energy Secretary Jennifer Granholm said earlier this year that advances in enhanced geothermal systems will help introduce this form of energy in regions where it's been thought to be impossible.

Using relatively new technology developed during the shale boom and working with Google (yes, that Google), Houston-Based Fervo Energy has developed an advanced geothermal project which has begun pumping carbon-free electricity onto the Nevada grid to help power Google's data centers in the state. Google needs more power than is currently being produced by this project so they are also investing in solar and storage. In 2020, Google announced that by 2030 it would use carbon-free energy every hour of every day, wherever it operates.

For the project in Nevada, Fervo drilled some 8,000 feet down, turned sideways and drilled about 3,250 feet horizontally. Just like in hydrocarbon horizontal wells, Fervo is able reach much more of the hot reservoir, versus having to drill many vertical wells. Cold water is pumped down an injection well, then over/through hot rock underground to the production well. The path between the wells is created by fracking or fracturing the rock. On its journey, the water heats up to nearly 400 degrees Fahrenheit (200 degrees Celsius) before returning to the surface. Once there, it transfers its heat to another liquid which has a low boiling point to create steam. The pressure of the steam's expanding spins a turbine to produce electricity like in a coal or natural gas-fired plant. The geothermal water, now cooled, is put back down the injection well to start the cycle again in a closed-loop system.

That's not exactly how our geothermal system works, but the basic concepts are very similar.

To read more about Google's geothermal electricity project, google Jennifer McDermott's Associated Press article titled "*New Google geothermal electricity project could be a milestone for clean energy*".



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December 2023

Another year is coming to an end, and so is my time as President of Tri-State. I have enjoyed my time serving the club and I am excited in the direction we are heading. It is encouraging to see so many new members joining Tri-State. I am certain this trend will continue as we host educational programs and fundraising events for our Trade School Scholarship into the future.

I am happy to welcome the new 2024 officers! It is very encouraging to see some new faces on the Board of Directors. Thank you all for stepping up and I hope you find it as rewarding as I have. I can't wait to see what is in store for next year!

Don't forget to submit your AIMEE entries to Donna and Alesia as soon as possible so they can submit to ADDC by the deadline. Just remember, your entry must be within the period of January 1, 2023 through December 31, 2023.

Our Christmas party is set for December 12<sup>th</sup> at the CountryMark Pavilion. Bring your plus one, a \$20 gift, a side dish and your party pants. We will have games and delicious food. It is certain to be a great time. See you all at the party!

Respectfully submitted,

Michael Nelligan





## Tri-State Desk and Derrick Club November 16, 2023 Minutes

The November meeting was held at Shepherd Insurance's office in Carmi, IL on November 16, 2023. The following members were present: Donna Hartig, Skip Oliver, Jim Elder, Beth Etzkorn, Debbie Kennard, Alesia Cato, Gary Hartig and Michael Nelligan. Dan Eager, Jennifer Birkner, Jess Rowe and Ryan Masterson attended via Webex.

President Michael Nelligan called the meeting to order at 5:46PM. A correction to the October minutes was made to add Stacey Dover as a meeting attendee. Donna Hartig made the motion to approve the corrected October minutes. Beth Etzkorn seconded the motion and it passed unanimously. Michael presented the Treasurer's report which was sent by Ryan Masterson. Alesia Cato made motion to approve the report, subject to audit. Debbie Kennard seconded the motion and it passed unanimously.

### **Under Old Business:**

Michael gave an update to the pork loin fundraiser. 365 pork loins were sold. The club will net approximately \$3,000 once all money is collected. Nine members sold a total of 124 pork loins, the remaining sales came from outside the club. The club's sales portion will need to increase to keep the fundraiser going. To increase profits and to hopefully lower sales somewhat, it was suggested to raise the price from \$25 to \$30 per loin. Discussion will continue as to how to either limit the amount we cook or spread the workload over multiple days.

Due to scheduling conflicts, it was agreed upon to move the Christmas party to Tuesday December 12<sup>th</sup> at the CountryMark Pavilion. The club will purchase a ham and attendees are to bring a side dish or dessert. Beth and Alesia suggested to invite spouses to help increase attendance. Attendees may take part in the gift exchange with a gift valued at \$20.

Alesia presented the nominations for 2024 officers: President – Emily VanHaaften, Vice President – Alesia Cato, Secretary – Debbie Kennard, Treasurer – Jennifer Birkner, Director – Beth Etzkorn. Michael opened the floor to nominations. With no additional nomination, the officers were elected by acclamation. They join Immediate Past President, Michael Nelligan and Director, Linda Henning.

Donna asked the status of the financial audit and the minute book. Michael will follow up with Emily and Hilary VanHaaften.

### **Under New Business:**

Donna and Alesia asked for submissions to the AIMEE contest and reminded everyone to send their submissions soon so we can vote and then submit to ADDC.

ADDC is asking for every club's original charter. Tri-State has not been able to locate a copy of the charter. Michael has notified ADDC.

Discussion was had over updating the scholarship application. The essay will be removed and replaced with the suggested short answer questions. Michael will draft a copy and distribute to members to review.

Skip Oliver gave a presentation about Shepherd Insurance and all of the work they doing with the oil and gas community in the Illinois Basin.

Donna made motion to adjourn the meeting at 6:38PM. Alesia seconded the motion and it passed unanimously.

Respectfully submitted,

Michael Nelligan, President

**Tri-State Desk and Derrick Club  
Serving Indiana, Illinois and Kentucky**



**Association of Desk and Derrick Clubs  
www.addc.org**

The Tri-State Desk and Derrick Club was chartered in 2012 by the Association of Desk and Derrick Clubs for the purpose of educating its members and the general public about the petroleum and allied energy industries and their contributions to society. Meetings are held the third Thursday of each month. Membership is open to persons employed in or retired from the petroleum, energy and allied industries as well as individuals interested in increasing their knowledge about these industries. For more information about the Tri-State Club, contact Pres. Michael Nelligan, Countrymark Refining & Logistics, LLC, 401 Southwind Plaza, Mt. Vernon, IN 47620 Telephone: 812.833.2526



## December 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7 	8	9
10	11	12	13	14	15 	16
17	18	19	20	21 	22	23
		26	27	28	29	30
						

*Happy December Birthdays to:*

*Stacey Tate 12/15*

*Stephanie Coggins 12/21*

