

**ASSOCIATION
OF DESK AND
DERRICK CLUBS**



Tri-State News

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**November 2023 Tri-State Desk and Derrick
Editor's Musings**

Last month in the Editor's Musings, I talked about a Desk and Derrick field trip from years back when, with the guidance of a local geologist, we traveled to a road cut east of Owensboro to hunt for fossils. Last Month while talking to people at the Indiana Oil and Gas Meeting about the fossil I found and various other Desk and Derrick field trips I've experienced, I mentioned visiting a fluorspar mine in southern Illinois and being allowed to scavenge through their "spoils pile" for samples. But, that was my second encounter with fluorspar. Read more about it on Page 4.

I recently read an article by Michael Lynch, Senior Contributing editor with Forbes Energy News in which he discussed the ups and down— the pros and cons of oil being the most political of all commodities. As I understood it, his thoughts are that even though there is a high potential for a disruption in the world's supply of oil, any such action would initiate sufficient responsive actions as to make a perpetrator think twice before taking the risk. Of course, he was referring to a potential governmental action versus what he called a "lone wolf" attack on a major production site or transportation avenue such as the Straits of Hormuz which could cause at least a temporary disruption in the market. In all, Mr. Lynch's article reminded me of the rhetorical conversations between the Dread Pirate Roberts and himself in the movie The Princess Bride where he states one scenario and then tells himself why that action would not work. Will the political situation in the Middle East result in the price of oil going up or going down? What's your opinion? Read the whole article at: <https://www.forbes.com/sites/michaelylynch/2023/11/02/Geopolitics-Could-Send-Oil-Prices-Up-Or-Down-forbes.com>.

Desk and Derrick is an energy educational organization whose purpose is to educate its members and the public about the many facets of the energy industry. The IRS recognizes us as an educational organization and, as such, grants us an exemption from paying federal income tax. To validate and maintain that status, each individual club within the organization is required to meet certain criteria. Each club must have at least five educational programs per year, and at least four of the five must be energy related. Other programs can be Desk and Derrick orientation, bylaws, socio-economic responsibilities or professional self-development programs. Energy related field trips can count as being an energy related program. Why am I telling you this? Not only is it important that we maintain our federal income tax exempt status, it is important that our employers recognize that the more an employee knows about the industry they serve, the more valuable they are to their company as well as to any future potential employer. Believe it or not, my membership in Desk and Derrick is what helped me get the job I've had in the oil and gas industry for over 40 years. I'm planning to share some of the things I've learned and some of the things I've been privileged to do through being part of Desk and Derrick in future issues of the Tri-State News. Stay tuned.

Donna L. Hartig, Editor

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November 2023

To: ADDC Membership

Plans for each of the 2024 Regional Meetings are already under way. You can mark your calendars now:

Southeast Region Meeting – April 17-14, 2024 – Virtual – A reception (meeting) will be 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. Contact Wendy and she will be able to tell you what committees she still needs help filling. I have already signed up to be the 2024 Leadership Chairman. I am excited about what 2024 will offer our organization and our membership!

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 Program Committee and the ADDC Board reviewed and approved the first set of videos to be uploaded to the ADDC website. You can find them under Committees, Program, Videos and Podcasts. We will add more videos and podcasts in the coming months.

Clubs will be electing their officers for 2024. Club Presidents, please remember to fill out the New Officer Form (ADO31) and send original to the ADO office or email to ado@addc.org, send a copy to your Regional Director-Elect, and keep a copy for your files. This form is due immediately after the election of officers so the 2024 Board and ADO will be prepared for next year.

The 2022 FRC is continuing their review of the 2022 ADDC Financials. The committee hopes to have it completed by mid-November.

"I learned to always take on things I'd never done before. Growth and comfort do not coexist." ~ Ginni Rometty.

Greater Knowledge ~ Greater Service

Barbara Pappas



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November 2023

Dear Northeast Region Members:

Fall has arrived! This is my favorite time of year and I have been enjoying the cooler weather and taking some time out each day enjoying the outdoors. It's hard to believe the holidays are just around the corner.

Many clubs have already nominated and voted for their 2024 Board of Directors. Thank you to all those who have stepped up to serve your clubs. I hope you have encouraged a new member to join your Board or Committees. Remember the positions do not take up a lot of time and you can learn so much about ADDC. We need all members to step up and volunteer. Don't be afraid to reach out to your Board members if you have questions! Remember, we were all new members at one point and didn't know how everything worked.

If you have a little extra time (believe me, I know sometimes it can be hard to find) please consider volunteering as an ADDC Committee Region Rep. The Association needs input and help from all members to continue moving forward. If you have ideas, helping out on a committee is a great way to share them. 2024 Northeast Region Director, Shelly Hildebrand, will be reaching out soon looking for volunteers.

If you have any questions about the committees, etc. visit the ADDC website. There is a lot of information available that will give you some guidance on what the committees; helpful hints, club pointers, leadership resources, and much more. The Leadership and Technology committee work hard to ensure we have resources available so please take a look and take advantage of the information out there.

2024 Membership Renewal forms should be coming out soon. Please get them to your members as soon as they do and encourage them to send their dues in at their earliest convenience. Let your members know they can log on to the ADDC website to update any necessary information.

I hope everyone has a Happy Thanksgiving and enjoys some time with your families.

Until next month,

Kelli Hiltbrand



Purple fluorspar -
1989 Region II Mtg

What Is Fluorspar?

Donna L. Hartig, Author



Yellow fluorspar—D&D field
trip

My first encounter with fluorspar occurred at another Desk and Derrick event--a Region II Meeting held in Evansville in 1989. At one of the banquets, each person received a sample of fluorspar along with a pamphlet explaining the treasure beside our plate. Here's a photo of my

1989 treasure along with a photo of one of the several samples I collected several years later when we visited a fluorspar mine. To me, both are beautiful and worth the space they occupy in my house--- along with the dust they collect. All that being said, I'd like to share some of the information I received with my first sample along with some interesting information I found on the internet about fluorspar.

Although other industrial minerals found in Illinois had higher annual production values, in 1965 the State of Illinois named fluorite as their official state mineral. In Illinois, fluorspar occurs in Hardin and Pope Counties with Rosiclare, Cave in Rock and Elizabethtown being the headquarters for the fluorspar mining industry. When I received my introduction to it in 1989, Southern Illinois was the only commercial producer of fluorspar in the United States. However, fluorspar has also been mined in Arizona, Colorado, Idaho, Nevada, Massachusetts, Iowa, South Carolina, and Kentucky. The last commercial mine in Illinois closed in 1995. Currently, China and Mexico are the world's major producers of fluorite but it is also found in Russia, Brazil, and Spain.



Crawford Cup (Roman, 50-100 CE)
In the British Museum
Made of fluorite

Fluorite, commonly called fluorspar, consists of two chemical elements, calcium (51%) and fluorine (49%). Its chemical name is calcium fluoride, CaF_2 . It is a relatively soft, glassy mineral which is commonly colorless, white or grayish but sometimes purple, pink, blue, green, yellow, or tan. My first sample was purple, and the one I collected later was yellow. Because of its colorful variations and interesting shapes, natural fluorite has ornamental and lapidary uses. Fluorite may be drilled into beads and used in jewelry. However, due to its relative softness, it is not widely used as a semiprecious stone. It is also used for ornamental carvings, with expert carvings taking advantage of the stone's bands of different colors. By the way, there are some interesting samples listed for sale on Ebay and Etsy if you'd like some of your own.

Other than being a pretty "rock", why is fluorspar an important mineral and what are its uses? Fluorite is a major source of hydrogen fluoride, a commodity chemical used to produce a wide range of materials. Concentrated sulfuric acid is used to separate the hydrogen fluoride from the original mineral. Hydrogen fluoride (fluorane) is an inorganic compound with the chemical formula HF and is an important feedstock in the preparation of many important compounds including pharmaceuticals and polymers. https://en.wikipedia.org/wiki/hydrogen_fluoride

Continued on Page 5

What is Fluorspar?

(Continued from page 4)

Mixed with water, HF becomes hydrofluoric acid which is a chemical that has many uses in various industries. Some of the uses of hydrofluoric acid are:

- Etching glass and metal materials
- Producing fluorine and fluorine-containing compounds
- Refining and extracting oil, metals, rock, and brick
- Manufacturing refrigerants, herbicides, plastics, electrical components, and fluorescent light bulbs
- Making pharmaceuticals, such as antidepressants and antibiotics

Anhydrous hydrogen fluoride is used as a catalyst in petroleum alkylation, a process that increases the octane rating of petroleum. Fluoride is sometimes added to public drinking water supplies, and is used in a number of dental products, because of the beneficial effect of dental cavity prevention from such low-level exposures.

Now, you know a lot more than you thought you needed to know about fluorspar and a couple things I learned by being part of Desk and Derrick for more than forty years. Ooh---that makes me sound old!

Pipeline Safety 101

Every year I receive at least one reminder about pipeline safety, the signs of a pipeline leak and what to do *or not do* should you suspect a leak. Even though we've all heard these before, it is worth hearing it again.

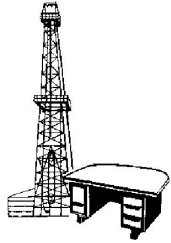
What are the signs of a pipeline leak?

1. **Sight**—liquid pools, continuous bubbling in wet or flooded areas, an oil sheen on water surfaces, vaporous fogs or blowing dirt around a pipeline area, dead or discolored plants in an otherwise healthy area of vegetation or frozen ground in warm weather.
2. **Sound**—volume can range from a quiet hissing to a loud roar depending upon the size of the leak and pipeline system.
3. **Smell**—An unusual smell, petroleum or hydrocarbon odor or gaseous odor. However, some leaks are odorless unless commercial odorants or Mercaptan has been added.

What should you do or not do if you suspect a leak?

1. **Do** flee the area immediately, upwind from the potential leak
2. When at a safe distance, **do** call 911 first and the pipeline operator second
3. **If safe to do so**, warn others about entering area or creating an ignition spark
4. Do **not** start or stop an engine of any kind
5. Do **not** strike matches or create a flame of any kind
6. Do **not** use a telephone or cell phone until you are at a safe location upwind away from the location of the leak.
7. Do **not** turn on or off any light switches, garage door openers or other electrical switches
8. Do **not** touch, breathe, or make contact with leaking product.
9. Do **not** drive into a leak or vapor cloud area.

Be safe and don't forget to call **811** before you dig—even in your own yard.



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November 2023

Tri-State Members:

Thank you to everyone who sold and purchased pork loins. We had another great event! We sold 365 loins. Another club record! Special thank you to our cooks John Girot, Brett VanHaften and Sean Hopf. These guys are incredible and we couldn't have this event without them.

Nominations for the 2024 Officers will be presented and voted on at our November meeting. Should you wish to volunteer for a rewarding position within our club, please contact Emily or Alesia.

The AIMEE contest is now open. Be sure 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. This means you still have some time to write the next article for Tri-State News or take the next award winning photo.

Our next club meeting will be held at 5:30PM November 16th at Shepherd Insurance's office in Carmi, IL. We will be voting for new officers and also talking about improvements we can make to our scholarship application. See you all soon!

Respectfully submitted,

Michael Nelligan





Tri-State Meeting Minutes October 19, 2023

Meeting was called to order at 5:34 by President Michael Nelligan. Those in attendance in person were Beth Etzkorn, Alesia Adams, Emily VanHaaften, Donna Hartig, Gary Hartig, Dan Eager, Jess Rowe, Michael Nelligan and those in attendance on Zoom were Ryan Master-son, Jennifer Birkner, Linda Henning and Sam Thomas.

Minutes were read from prior month meeting. Alesia Adams made a motion to approve minutes, Emily VanHaaften seconded the motion. Motion carried. Treasurers Report was reviewed. Donna Hartig made a motion to approve treasurers report, Stacey Dover seconded. Motion carried.

Micheal Nelligan distributed membership cards and pins for those in attendance.

Shelly Hildebrant, NE Region Director 2024, gave a summary of the 2023 convention. There was conversation that the convention and Region meetings would be held every 2 years, rotating years. There will be a vote on this at next year's convention.

Micheal Nelligan presented the AIMEE awards from the 2023 ADDC Convention. 2nd place for Best Industry Article went to Donna Hartig, 3rd place for Best Presidents Letter went to Michael Nelligan and 1st place for Best Small Bulletin went to Donna Hartig. Congratulations to all the winners!

Donna Hartig and Jennifer Birkner worked in the booth at the 2023 INOGA Annual Meeting in New Harmony. We raised \$181 dollars doing the 50/50. The winner of the money was Karen Suey with Bi Petro.

Discussion was had on the giveaways for the IOGA Convention for 2024. No decision has been made yet.

The nomination committee consisting of Emily VanHaaften and Alesia Cato will present the slate of nominations at the November meeting.

Pork Loin fundraiser is right around the corner, Michael shared that we have 275 loins sold so far. Please get your numbers in to Michael as soon as possible.

Next meeting will be hosted at Shepherd Insurance in Carmi, IL. We would like to have a brainstorming meeting for the goals of next year and discuss the scholarship packet.

Our Christmas meeting will be held on December 13th at the CountryMark Pavilion in Mt. Vernon, IN. We will have a carry-in and games and gift exchange.

Jess Rowe gave the group a presentation on Land and Leasing and the different websites and programs he uses to track down owners.

Motion to adjourn the meeting was made by Donna Hartig and seconded by Beth Etzkorn. Motion carried. Meeting adjourned at 6:58 pm.

Respectfully submitted, Emily VanHaaften – Immediate Past President/Acting Secretary

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



November 2023



Sun Mon Tue Wed Thu Fri Sat

			1 	2	3	4
5 	6	7 	8	9	10 	11
12	13	14	15 	16 Tri-State Meeting	17	18
19	20 	21 	22 	23 	24 	25
26	27	28	29	30		

Happy November Birthdays to:

Ryan Masterson 11-15 Hazel Pate 11-20
Donna Hartig 11-21 Adam Dickerson 11-22
Linda Henning 11-22 Hilary VanHaaften 11-24

