

FOURTH QUARTER DECEMBER 2024

# RIVERS EDGE

Quarterly Newsletter of the Three Rivers  
Desk and Derrick Club (TRDD)



## Editor's Corner

by Diane McKee



It is hard to believe that another year is ending. For Three Rivers Desk and Derrick, it has been a phenomenal year: educational and interesting luncheon/programs, hosting the Northeast Region Meeting, representing Three Rivers at the ADDC Convention in Dallas, winning AIMEE awards, a fundraiser for our scholarship fund, and a fundraiser for the families of the North Carolina floods. I imagine next year will be just as fantastic. **Please join us!**

In addition to our energy educational meetings, we offered two fun events: a D & D Trivia game where we learned about our Desk and Derrick Association and a Christmas centerpiece creating activity. Lots of fun!!



**SAVE THE DATE: Friday, April 4, 2025 - Night at the Races.** TRDD's fundraiser for our scholarship fund. We had a wonderful time last year at the Night at the Races held during the Region Meeting. We always need a lot of help for this event, so contact Penny Jacobs to volunteer.

If you have any questions or would like additional information regarding Three Rivers Desk and Derrick, please contact Cheryl Grimm (2025 President) at [cgrimm@rangeresources.com](mailto:cgrimm@rangeresources.com) or Danielle Owens (Secretary) at [deowens@rangeresources.com](mailto:deowens@rangeresources.com).

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Dear Three Rivers Desk and Derrick Members,

As I close out my year as the Three Rivers President I can't help but think about the future of our organization.



Association membership is down....participation is down....and other clubs throughout the organization are struggling to maintain an active existence. But through all the struggles Three Rivers is thriving!

As the members of Three Rivers, you should be proud to be a part of the largest club in the Association of Desk and Derrick Clubs throughout the entire United States and Canada. We have over 60 members with more than half of the membership participating in meetings and events.

Each year in November the Three Rivers Board of Directors is elected. Since there were no offices that had more than one candidate running, the nominees were elected by acclamation. Your 2025 Officers are as follows:

President – Cheryl Grimm  
Vice President – Abbie Standiford  
Secretary – Danielle Owens  
Treasurer – Larry Edelstein  
Directors – Diane McKee & Allan Waraksa  
Immediate Past President – Penny Jacobs

This Board of Directors has many years of experience and will do a great job in the coming year. They have already been discussing the educational meetings, a field trip, scholarship fundraisers and a few fun things for the membership. I am looking forward to all that will be offered in 2025.

I wish you all well and hope that the coming year is fulfilling and prosperous.

Sincerely,

Penny Jacobs  
TRDD - President



**Board of Directors**

PRESIDENT

**Wendy Sparks**

Carl E. Gungoll Expl. LLC

PRESIDENT ELECT

**Kathy Martin**

Acadian Ambulance Service, Inc.

SECRETARY

**Kelli Hiltbrand**

Sutton Pump & Supply, Inc.

TREASURER

**Sue Weaver**

Osborn Heirs Company

IMMEDIATE PAST

PRESIDENT

**Barbara Pappas**

Cobra Oil & Gas Corp.

PARLIAMENTARIAN

**Evelyn Green**

GBC Minerals

CENTRAL REGION

DIRECTOR

**Michelle Burgard**

Devon Energy

NORTHEAST REGION

DIRECTOR

**Shelly Hildebrant**

Hanley CPA PLLC

SOUTHEAST REGION

DIRECTOR

**Angie Corvers**

Retired

WEST REGION

DIRECTOR

**Heather Woods**

Whiptail Midstream

December 2024



**Shelly Hildebrant**

2024 Northeast Region Director

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Can you believe that this year is coming to an end already? Seems like just a short time ago that my term as Northeast Region Director was just starting! I want to thank each and every one of you for making this an enjoyable year. Thanks to Three Rivers club, Penny Jacobs and all involved for the Region Meeting – you made my job easy, and I truly appreciate everything!

Renewal forms for 2025 membership have been sent to club Presidents. Also a list of membership numbers to be included on the renewal form. If you have new members that don't have a number on the list, start from the last number issued and number from there. Transmittal form and blank membership forms (for new members) have been included in the e-mail. Membership dues are \$70.00 to the association, \$2.00 to the region fund, and whatever your club has for club dues. Please let me know if you have any questions. Send a copy of the transmittal form to Emily as 2025 Northeast Region Director when you send to ADO and Region.

Angel Perry will be our new Region Fund Treasurer as Judy Saf was part of Penn York and will not be renewing. Send your dues and forms to Angel at:  
Angel Perry  
634 High Grove Blvd  
Akron, OH 44312

Kelli Hiltbrand, Diane McKee, Penny Jacobs, and Beth Etzkorn are committee members of the Region Fund.

I hope everyone has a wonderful holiday season, and may the New Year bring lots of joy and happiness! Be as helpful to Emily VanHaften as 2025 Northeast Region Director as you have been to me! She will do a fantastic job!

It's been an honor and a pleasure ---

*Shelly Hildebrant*



**Wendy Sparks**  
 2024 ADDC PRESIDENT  
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 wspark@cegx.net

**Board of Directors**

December 2024

PRESIDENT  
**Wendy Sparks**  
 Carl E. Gungoll Expl. LLC

PRESIDENT ELECT  
**Kathy Martin**  
 Acadian Ambulance  
 Service, Inc.

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 Whiptail Midstream

My President's report given at ADDC Convention:

We've had a good year. The ADDC board meets monthly via Zoom, and we discuss financials, things going on in the regions and new and old business. A few of the first things we discussed and approved were deadlines for Club and Region Bylaw review, 2025 ADDC Board nominees, Charity Rising contract and the operating budget. This was the year of the form updates. We approved the Bylaw Amendment Forms, EAB form and most recently the new Program Form.

This year has been everything I had hoped it would be. Thought provoking discussions. Assuming some issues would be a big discussion, and they weren't...Or things I thought would be a given...were not. Building new relationships personally and professionally within this organization and strengthening old ones. Balancing my big-picture thinking with attention to detail has been challenging and welcomed. I have learned more about this organization than I ever thought possible, and I hope that I have also taught people about this organization and our industry. I loved learning about Robert's Rules and Parliamentary procedures.

Finally, I feel this year has helped me grow as a leader in all aspects of my life. I can say that I have genuinely enjoyed this year more than I ever could have imagined and honestly more than I ever expected! I will forever be grateful to you for allowing me to be your 2024 ADDC President.

Much love,

Wendy

# Energy Down Under

by Diane McKee

Isn't it fascinating the various sources of energy that we have in the United States. Our main energy sources are, of course, natural gas, nuclear, and coal. Now, we are looking to expand our sources to alternative fuels, such as, wind, hydro, solar and geothermal. I've attended field trips to hydro dams, solar farms and wind farms, but have not been fortunate to see first hand how geothermal works. Following is some information that I found on the internet to help me understand more about geothermal energy.

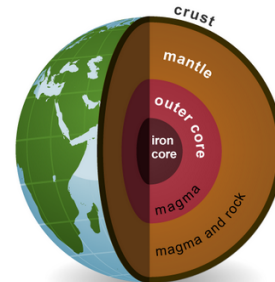
I was very surprised to find out that geothermal power plants around the world have been in operations for over 50 years and geothermal heat has been used throughout history.

Geothermal is heat energy from the earth: geo means earth + thermal which means heat. The process of slowly decaying radioactive material in the earth's core, which occurs in all rock, produces geothermal energy, which can be seen on the earth's surface as volcanos, geysers, and hot springs.

The earth has four major parts (layers):

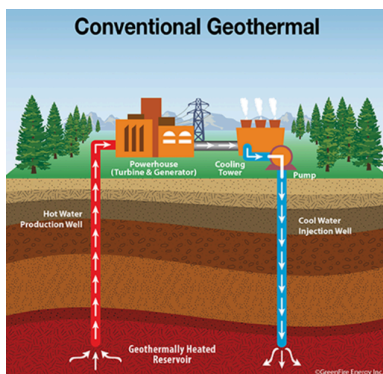
- Inner core of solid iron 1,500 miles in diameter
- Outer core of hot molten rock (magma) about 1,500 miles thick
- Mantle of magma and rock surrounding the outer core about 1,800 miles thick
- A crust of solid rock that forms the continents and ocean floors 15 miles to 35 miles thick under the continents and 3 miles thick under the oceans

The earth's interior



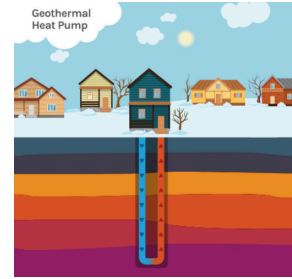
The earth's crust consists of rocks, water, and a layer of hot molten rock. Magma is hotter than the surface of the sun. The heat produced by magma is a massive source of energy which can be converted into electricity by drilling down into the earth. The deeper you go, the hotter it gets.

Geothermal resources are existing reservoirs of hot water or ones made by man. They vary in depth and temperature. Wells are drilled to a depth of a few feet to several miles into underground reservoirs which are either natural or man made fractures to tap steam and hot water and is brought to the surface for the following applications:



\*Electric Generation: the fluid flows through the hot rocks and is pulled up in the well to the Earth's surface. The hot water is converted to steam to drive the turbines producing electricity. The cooled water is then reinjected into the reservoir to replenish the geothermal reservoir.

\*Heating and Cooling: geothermal reservoirs of hot water can also be used to heat and cool buildings. Geothermal heat pumps use the ground as a heat sink and absorb the excess heat when the outside temperature is warm and uses it as a heat source when it is cold outside. The heat pump circulates water through pipes buried in the ground or submerged in a water body to heat and cool a building's HVAC system.



\*Direct Use: geothermal direct use applications uses wells, usually drilled deeper than those used for heat pumps, to bring hot water from the subsurface to directly provide hot water to buildings, space heating or heat for industrial processes, such as, fish farming, greenhouses, drying pulp, paper, lumber and other materials.

Benefits of geothermal energy:

\*Renewable - the heat flow from the Earth is replenished by the continuing decay of radioactive elements and will remain available for billions of years.

\*Firm and flexible - geothermal power plants produce electricity consistently and can operate 24/7 regardless of weather conditions and can increase or decrease generation depending on demand.

\*The United States can harness power without importing fuel.

\*Geothermal plants and heat pumps have a small footprint.

\*Modern geothermal power plants emit no greenhouse gasses and have lower life cycle emissions than solar, PV, and natural gas.

Pros and cons of geothermal energy:

#### PROS

- Renewable and sustainable
- Generally environmentally friendly
- Reliable
- Good for heating and cooling
- Massive potential

#### CONS

- Some environmental issues - plants generate a small amount of sulfur dioxide and silica emissions.
- Surface instability - the construction of the power plant can affect the stability of the land. In other countries, it has caused subsidence.
- Sustainability relies on reservoirs being properly managed, especially relating to power plants.
- Location specific good reservoirs are hard to find. Some countries have an abundance of the resource; others do not.
- Expensive - the total installation cost of a geothermal power plant can be between \$2.5 to \$5 million dollars. The exploration and drilling usually make up half of the cost. Currently, geothermal cannot be used in a cost-effective manner, not with the current technology, subsidies and energy prices. A heat pump can cost \$15,000 to \$40,000 installed, but should be considered an investment because it will save money long-term. My nephew in Ohio invested in a geothermal heat pump for his home. He is a futuristic thinker!

The majority of geothermal electric plants in the US are in the West. Unfortunately, there are not any geothermal electric plants in PA for us to tour. However, there are geothermal plants to supply energy for commercial heating and cooling. I hope to visit one someday.

## Find Your Diamonds

by Greg Kozara  
Marketing Director, Shale Crescent USA

This week Lynnda and I attended an economic development, climate and energy conference held in Oil City and Titusville, PA the birthplace of the commercial oil industry. For decades the world oil price was set at the building where we ate lunch on Monday in Oil City. I was the closing keynote speaker on Monday sharing the benefits of the Shale Crescent USA region. Usually, I use only my own stories when speaking. I opened with this story because it was so appropriate. You may find it helpful. It's a true story in the book Acres of Diamonds by Russell H. Conwell.

Back in the 17th century there lived not far from the River Indus a Persian by the name of Ali Hafed. Ali owned a very large farm with orchards, grain fields and gardens. He was contented and wealthy. One day a visitor told him about diamonds. With a handful of diamonds, he could purchase a country. With a diamond mine he could place his children upon thrones through the influence of great wealth.

When Ali Hafed heard about diamonds and how much they were worth, he became discontented. He felt poor compared to diamonds and wanted to be rich. Ali sold his farm, left his family with a neighbor and went off in search of diamonds. After several years, failing to find diamonds, he was broke and in rags. In despair he cast himself into the sea off the coast of Spain and died.

Meanwhile back at the farm, the new owner was out in the field with his animals and noticed a flash of light from a rock in the stream. He took the curious black stone back home and put it on his fireplace mantle. Some days later a visitor came to the farm, saw the stone and in shocked amazement stammered, "Where did you find that diamond?" The farmer responded. "That's no diamond. There are other stones like it in my stream." Ali, the first farmer, owned free and clear what turned out to be the diamond mine of Golconda. The Hope Diamond and other diamonds for the crown heads of Europe came from that mine and Ali sold it to look for diamonds elsewhere.

People in the Titusville and Oil City area want to see economic growth and good jobs return to their community so their children won't have to leave the area. My message was, they are located on the equivalent of a "diamond mine". Titusville and Oil City are located on top of the Marcellus Shale one of largest natural gas fields in the world with abundant and economical energy. They have the Allegheny River for water. The Allegheny Valley has rail service. They have an experienced industrial workforce. They are located in the center of one of the largest economies in the world, not far from Pittsburgh, New York City, Cleveland, Columbus, Philadelphia, Baltimore and Washington, DC. This is similar to many communities in our region. They did what Ali Hafed, the first farmer failed to do. They chose to investigate what they already had.

This story can apply to all of us. We may look at other peoples' success, wealth, appearance, talents etc. and wish to be them or have what they have. The grass

may look greener in another's back yard, while other people are looking at the grass in our back yard. We may look at the financial or corporate success of another without knowing what they gave up to get there. They may have given up a marriage, family or other relationship. As a young manager, an old manager told me he never saw his cheerleader daughter cheer in high school because he was working. Now it was too late. Another friend became a corporate VP. He rarely took a vacation with his family. His marriage ended in divorce. Now retired he is making up for lost time with his grandchildren. I have never heard of anyone on their deathbed wish they had spent more time at the office.

We all have talents and blessings. Before looking at others and wishing we were like them, we need to find our own talents and be thankful for the blessings we already have. It might be nice to have a beach house in Florida instead of living on a mountain top in West Virginia until a hurricane blows through and the storm surge washes the house away. There are pros and cons to everything. We need to look at the big picture of what is really important in life and choose accordingly.

I have heard people, even lawmakers in Ohio and West Virginia talk about their problems and look at what Pennsylvania has done. On Monday and Tuesday, I didn't hear anything bad about Ohio and West Virginia. I did hear, "Pennsylvania needs to be more like Ohio and West Virginia." One business owner from Pennsylvania told me how great the business climate was in West Virginia. Beauty is in the eye of the beholder. Maybe the grass does look greener on the other side of the fence.

At lunch Monday, we learned a little about what voters in Pennsylvania think is important. The Commonwealth Foundation, an independent organization, released their Q3 2024 Common Ground in the Commonwealth Poll Results. Their polling is on issues NOT specific candidates.

- Top National Problems: Inflation, cost of living, immigration & border security, the U.S. economy.
- Over 2/3 of every demographic support spending more for natural gas infrastructure to reduce their energy cost.
- Over 2/3 of voters polled including more than 50% of democrats agree affordable energy is more important than climate change.
- 86% of voters believe the USA needs to be energy independent.
- 57% of voters are unwilling to spend as much as \$100 to fight climate change.
- A staggering 78% of Pennsylvania voters say energy affordability is an important consideration when choosing a candidate.

We all have our own acres of diamonds. Look for them.