

THIRD QUARTER SEPTEMBER 2024

# RIVERS EDGE

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



## Editor's Corner

by Diane McKee

The anticipation is over! I was so excited to be able to attend the 72nd ADDC Convention and Educational Conference in Dallas, Texas this year. The conference always provides tons of educational opportunities and, of course, seeing old friends and making new ones. This year was no exception. The conference was held at the beautiful Double Tree by Hilton. The field trip that I chose took us to EnLink Midstream, BKV, and the Fort Worth Stockyards. Seminars on Digital Solutions and Drilling were offered. Of course, we couldn't be in Texas without a good old Texas BBQ with music by the Teeter Twins and Abraham Hughes at the Friday night Ice Breaker. The symposium and all of the speakers were interesting and educational.

The first ADDC conference that I attended was in 1988 in Anchorage, Alaska. I have not attended them all in my 41 years as a member, but I have enjoyed and learned a lot at each one that I was able to attend.

If you missed out this year, plan now for the 73rd ADDC Convention and Educational Conference in San Antonio, Texas, September 16-21, 2025. I guarantee that you won't be disappointed.

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

**Diane's contact information: [diane.mckee@verizon.net](mailto:diane.mckee@verizon.net)**

## This issue:

Editor's Corner  
Page 01

Three Rivers  
President's Letter  
Pages 02 & 03

Northeast Region  
Director's Letter  
Page 04

ADDC President's Letter  
Page 05

Desk and Derrick  
Convention-Seminar #1-  
Digital Solutions  
Page 06

Carbon Capture and  
Sequestration Project  
Field Trip  
Page 07

Let There Be Order  
Page 08



Dear Three Rivers Desk and Derrick Members,

Three Rivers should be so proud that they had 5 board members representing our club at the 72nd ADDC Convention & Educational Conference held in Dallas, TX.



The educational experience the ADDC Convention offers can not be measured. Everyone that attends has a different experience. Not only does the convention offer field trips, seminars and business sessions, it is an opportunity to connect and reconnect with industry professionals throughout the United States and Canada.

There were 25 clubs from across the US and Canada represented at this convention.

Some of the main topics of the ADDC business was the proposed Bylaw Amendments, Officer Elections and the AIMEE Award Winners.

Three Rivers takes the position to vote as informed and not instructed. This means that your board has read and discussed what needs to be voted on and votes in the best interest of our club.

The bylaw amendments were basically the following:

**\*Vote to Amend Article VII-Dues and Fees. Section 1**

- Raise the cost of membership in the amount of \$15 on the Association Level. The Club membership voted YES (20 to 5) to the increase. This would mean that your club membership dues will be raised from \$80 to \$95.

**\*Vote to Amend Article VIII-Officers. Section 2**

- The term of office for the Association officers be extended to 2 years instead of one. This will not affect our club locally. The Club membership voted NO (23 to 2) and were against this change.

**\*Vote to Amend Article XII-Committees. Section 3**

- The Education/Certification committee wanted to change the Certification Program to a Program leading to an Energy Technician Certification. The Club membership voted YES (24 to 1) on this change.

**\*Vote to Amend Article XVI-Conventions**

- It was proposed that the Association hold biennial conventions instead of annual conventions. The membership voted NO (16 to 9) and were against the change.

**\*Vote to be able to hold Regional Meetings Virtually**

- This was unanimously voted for by the club membership.

**\*There was some discussion on the restructuring of the Association by eliminating the Regions and appointing a club liaison.**



- It was decided that this topic was to be put on hold and an Ad Hoc Committee was formed to do more research on how this change would affect the clubs, region funds, annual regional meetings, & contests etc. The committee will consist of members from all 4 regions. I will be representing the Northeast Region.

Since there were no offices that had more than one candidate running, the election was deemed that it was approved by acclamation. Your ADDC Officers for 2025 are as follows:

- President – Kathy Martin
- President Elect – Evelyn Green
- Secretary – Heather Woods
- Treasurer – Christina Forth
- Immediate Past President – Wendy Sparks



At the Awards Luncheon, there were 10 categories. It was so great that the Northeast Region placed in 6 of those categories with Three Rivers taking 5 of those spots. The Three Rivers winners were:

**For the Best Small Bulletin** - Diane McKee took first place with our very own Rivers Edge December 2023 Issue.

**For the Best Presidents Letter** - Cheryl Grimm took second place with her December 2023 letter.

**For the Best Desk and Derrick Article** - Diane McKee took first place with her article on The Birth of ADDC.

**For the Best Industry Program** - Cheryl Grimm/Diane McKee submitted the June 2023 program by Laura Perkins on Scale Remediation and took 3rd place.

**For the Best Industry Photograph** - Danielle Owens took 3rd place for her photo Country Mark Pump Jack.

If you are interested in writing an article, submitting an industry related photo, giving a seminar or just presenting at a regular meeting, you may reach out to any of the board members, Penny Jacobs-President, Abbie Standiford-Vice President, Larry Edelstein-Treasurer, Danielle Owens-Secretary, Diane McKee-Director and Cheryl Grimm-Immediate Past President. All are knowledgeable and are willing to guide you along.

I hope that you enjoyed this small update on the ADDC Convention & Educational Conference.

Until next time, I leave you with well wishes.

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

August 2024



[This Photo](#) by Unknown Author is licensed under [CC BY-NC](#)

It’s hard to believe that it is August already! Summer is half over, and before you know it, kids will be going back to school. Days will be getting shorter again, and hopefully temperatures will be cooling down just a little. I hope everyone has been enjoying this season.

Have you sent in your registration for Convention yet? The deadline is fast approaching! Also, have you made your room reservations? Don’t want you to miss out on the special rates for Convention attendees. Field trips sound amazing – I’m looking forward to seeing a cattle drive at the stockyards! The whole time will be amazing and educational! Hope to see you there!!!

Please make sure your members have looked over the proposed amendments to be voted on at Convention. It should be interesting to hear any comments made both for and against the amendments. If you have any questions about the amendments – please don’t hesitate to contact me for clarification.

I hope we have at least a delegate and an alternate from each of our clubs at convention! And anyone who wants to see what we do there! It is definitely a learning experience, on a bigger scale than our region meeting! Let’s represent the Northeast Region with many attendees!

Enjoy the summer - but stay SAFE!

Until next month ---

*Shelly Hildebrant*

**Shelly Hildebrant**  
2024 Northeast Region Director  
99 Old Colony Road, Gaylord MI 49735  
989-390-5984  
[shellyhildebrant@hotmail.com](mailto:shellyhildebrant@hotmail.com)



**Wendy Sparks**  
 2024 ADDC PRESIDENT  
 34627 E County Rd 1517, Paoli OK 73074  
 405.760.2884 (cell)  
 wspark@cegx.net

**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 Hildebrand**  
 Hanley CPA PLLC

SOUTHEAST REGION  
 DIRECTOR  
**Angie Corvers**  
 Retired

WEST REGION  
 DIRECTOR  
**Heather Woods**  
 Whiptail Midstream

August 2024

**ADDC Membership**

I am pleased to announce that we have surpassed our membership goal by 3! We have 618 members (one being a student).

We have 16 members registered for the convention so far! Get your registration in as soon as possible. It helps the GAC's with planning and it can all assure you will get your first choice for field trips and seminars.

By now you should have received information for discussion of a new board position we would call "Club Liaison". This position would replace our (4) Region Directors and eliminate the regions. One thought is this would drastically cut board expenses. Another thought is that it is becoming increasingly more difficult for members to want to move up therefore less volunteers to find. Also, it is very difficult for the smaller regions to host regional meetings. We are working on the qualifications for this position. If passed, this would go into effect January 1, 2026.

Please send your RD's any questions you may have so that we can address these before the Convention. As I mentioned last month, during the Convention we will discuss and only vote on having a MAIL VOTE for this amendment.

*"Do not follow where the path may lead. Go instead where there is no path and leave a trail."* —**Ralph Waldo Emerson**

Sincerely,  
*Wendy Sparks*

# Desk and Derrick Convention – Seminar #1 – Digital Solutions

Written By: Danielle Owens

On the second day of convention, we had the opportunity to listen to two different seminars. At the first seminar Andrew Aday from Weatherford Digital Solutions gave a presentation on “Digital Solutions” for oilfield operations. He first talked about Standard Rod Pumps. These are the most common artificial lifts. Rod Pumps are designed to lift mechanically. Beam Pumping Units are offered in a variety of sizes and geometrics. They have stroke lengths between 12” and 320”. Sucker Rods are typically a metal bar/rod with a threaded connection at each end. They run down the well to the desired pump depth. They are measured by diameter with 5/8” being the smallest and 1 1/2” being the largest. Rod Pumps are installed at the desired pumping depth. They utilize a set of ball and seats to lift fluid, and this is tied into the Sucker Rod string.

So why automate this process? It provides a solution to the pump displacement vs. reservoir inflow problem. It will detect when the fluid available to the pump begins to drop and will take the appropriate action to limit operation in fluid pound conditions, it will shut the well down to allow the reservoir to replenish the fluid and will automatically restart the pump. Prior to automation you could only see what was happening at the surface, but now you can retrieve information on what is going on down hole.

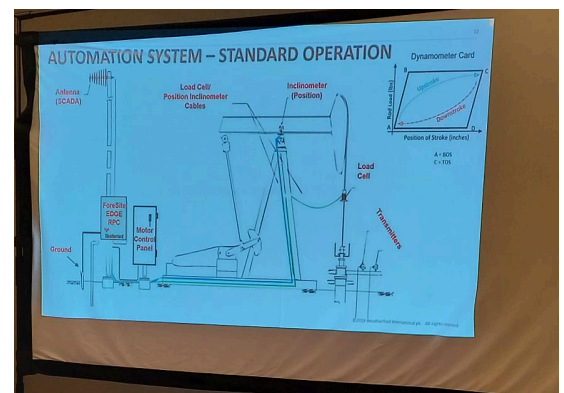
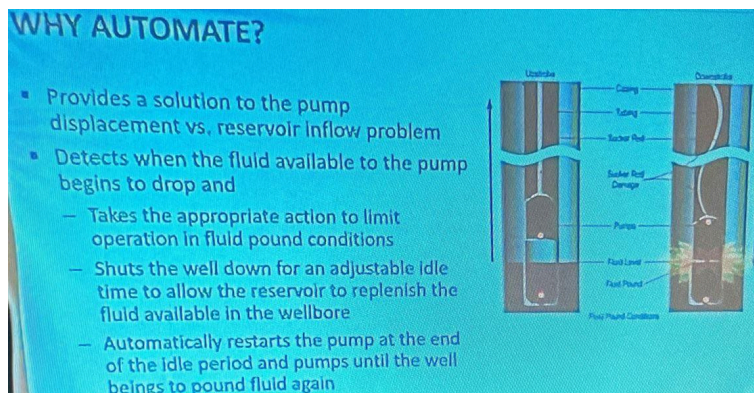
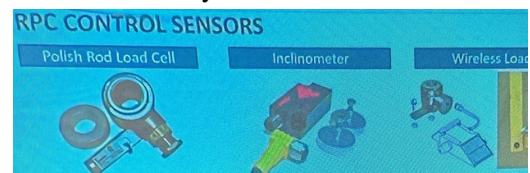
He talked about the kind of control sensors available, which are a Polish Rod Load Cell, Inclinator, and Wireless Load. The Polish Rod Load Cell is installed on the carrier bar to measure total road string load. The Inclinator magnetically mounts to the beam and utilizes quick-connect cables. The Wireless Load is ideal for applications where traditional cable is not ideal due to well conditions, pumping unit configuration, or for ease of install.

This equipment is stored in a refrigerator sized cabinet, and it is installed at the well. The controller has integrated logic that allows for speed changes on the pumping unit. It enables the pumping unit to operate in a wider range of conditions. It can run up to 200 HP, the typical lifespan is 7-10 years, and is powered by electricity. Within the last 5-6 years automation companies have developed apps to interact with the controller.

SCADA (Supervisory Control of Data Acquisition) has been used to get data from field devices without requiring a field visit. They can use CygNet, Ignition, Wonderware, and SCADA. It is highly configurable, and capable of automating some reporting routines. It can streamline data entry.

What is the benefit of all of this? You can get the data faster, which enables faster decision making. There is less chance of human error. It is a single interface for both office and field operations. It also provides information for advanced analysis.

Optimization and monitoring are becoming increasingly important in our current era of oil and gas operations where each operator is looking to produce more at a lower cost, with a smaller headcount.



## Carbon Capture and Sequestration Project Field Trip

by Diane McKee

On September 25, 2024, I was privileged to attend a field trip at the ADDC Convention and International Conference to Barnett Zero, BKV's Carbon Capturing and Sequestration site in Bridgeport, Texas. Barnett Zero will remove enough carbon to offset the emissions of approximately 45,000 automobiles. BKV's goal is to process 210,000 metric tons of CO<sub>2</sub>e annually putting them on the path to net zero for all upstream carbon emissions by the early 2030s. At a cost of 34 million dollars, BKV's first carbon capture and sequestration (CCS) project was officially on line in November, 2023. QUESTION: How was the cost covered, investors? RESPONSE: BKV paid for the project on its own.

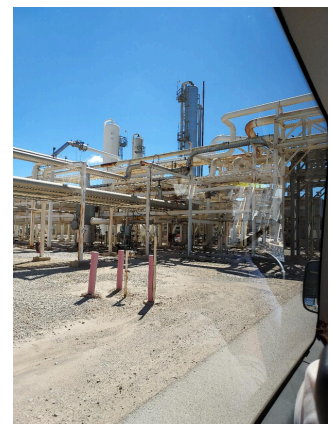
BKV's business plan is to produce natural gas from their own wells and wells operated upstream to achieve net zero emissions by the end of 2025. They are located primarily in the Barnett Shale in Texas, where they are the largest natural gas producer by gross operated volume, and the Marcellus Shale in Northeastern Pennsylvania. They have approximately 458,000 acres with 7000 wells producing 733 MMcfe/day, 778 miles of pipeline, 65 compressor stations and 1 Amine Processing Unit.

We walked around the huge facility which has extensive safety precautions with monitors placed all around the facilities. The metering panels are shown below. We viewed the pig trap, well site, and the massive equipment used to operate the facility.

Net Zero is a joint effort between BKV and EnLink Midstream. EnLink transports the natural gas produced by BKV in the Barnett zone to its natural gas processing plant where the CO<sub>2</sub> waste stream is captured and transported to a BKV facility, compressed, and then sequestered via BKV's nearby underground injection control well. The well is drilled to the Ellenberger zone at approximately 9000'. The pipeline transporting the gas to the injection well must be pigged every 10 years. The injection well is a Class II well on company owned property. Question: What is the size of an injection well site? Response: The size of the property for an injection well is usually 640 acres, but can be as large as 2000 acres depending on the area the zone covers.

EnLink has 7 fractionators with 12,500 miles of pipeline, 25 natural gas processing plants with 5.9 billion cubic feet per day of processing capacity. They have barge and rail terminals, brine disposal wells, and product storage facilities. BKV and EnLink will dispose of and geologically sequester CO<sub>2</sub> generated as a byproduct of the production of BKV's natural gas in the Barnett Shale. They aim to reduce greenhouse gas emissions in the atmosphere by capturing CO<sub>2</sub> emitted in connection with natural gas production activities.

The Class II well and initial CO<sub>2</sub> injection at the Barnett Zero project were approved by the Texas Railroad Commission and the project's Monitoring, Reporting and Verification plan was approved by the US Environmental Protection Agency. BKV plans to use the Net Zero project as a prototype for future wells.



## Let There Be Order

by Diane McKee

From the beginning, when Inez Awty Shafer founded ADDC in 1949, we have always used Robert's Rules of Order Newly Revised to guide our business meetings. In these changing times, is it still appropriate to use the same parliamentary procedures? This might be a good debate topic! There has to be order at our meetings. I realize that we are getting smaller in numbers so it's not quite as hectic as it was with 500 members at a meeting. The rules of parliamentary law are constructed upon a careful balance of the rights of the majority, of the minority (especially a strong minority greater than one-third), of individual members, and of absentees.



The purpose of parliamentary procedure is to make it easier for people to work together effectively and to help groups accomplish their purposes. Rules of procedure should assist a meeting, not inhibit it. Although the original Robert's Rules of Order were published in 1876 by Major Henry M. Robert, they have been revised in Robert's Rules of Order Newly Revised as recently as 2022.

Let's look at some of the Rules of Order that we use at our ADDC meetings:

- **Quorum:** The number of delegates that must be present at the meetings of a deliberative assembly for business to be validly transacted.
- **Officers:** The minimum essential officers to conduct business in a deliberative assembly are a presiding officer (ADDIC President), who conducts the meeting and sees that the rules are observed, and a secretary who takes the minutes, a written record of what is accomplished at the meeting.
- **Seating:** The presiding officer should be seated high so that he/she can see the entire hall and all present can see him/her. That is the reason that we have a raised head table.
- **Motions:** Business is usually brought up at a meeting by the motion of a member. There are many types of motions.
- **Speaking at the meeting:** When no one else has the floor, the member is to rise and proceed to the microphone (if applicable); address the chair (in our case, Madam President); wait to be acknowledged; state your name and club; after being acknowledged, the member may then speak.
- **Voting:** There are several types of voting: voice vote, hand vote, rising vote, and written ballot. At our conventions, we generally use the standing vote, except for the officers where we use a written ballot. There are occasions when we can use unanimous consent; such as, when there is only one club bidding to host the next year's convention.

Robert's Rules of Order have extended their guidelines to "electronic meetings". A meeting which communicates with the members through electronic means such as the Internet or by telephone is considered an electronic meeting and it is encouraged to adopt additional rules pertaining to their conduct in the section, Additional Rules for the Conduct of Electronic Meetings. Regardless of the technology used, the opportunity for simultaneous aural communication is essential to the deliberative character of the meeting. Robert's Rules of Order is very detailed regarding electronic meetings. As for voting, all votes shall be taken by roll call. Unless the Board orders a fully recorded roll-call vote, only the number of votes on each side and the number of members present but not voting (including members participating by phone) shall be entered in the minutes. Business may also be conducted by unanimous consent.

Although using Robert's Rules of Order may be tedious, they are needed, there must be order. It is reassuring that even though things continue to change and advancements are made, Robert's Rules of Order are keeping up with the times. ADDC will be able to use them for future meetings, whether in person or electronic.